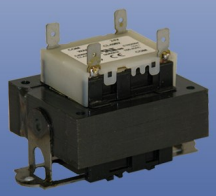
Wabash Transformer

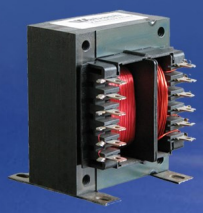
A PowerVolt Company

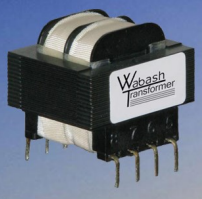
www.WabashTransformer.com







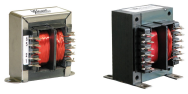
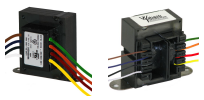




- Class 2 UL, CSA Recognized
- Zero Defect, 100% Tested
- Competitive Prices
- Standard & Custom Designs
- 2 Year Warranty

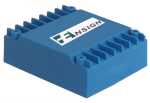
A New Horizon in Power Transformers

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Any application, Any requirement, Contact us for our Custom Designs

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Wabash Transformer

The Mark of Quality

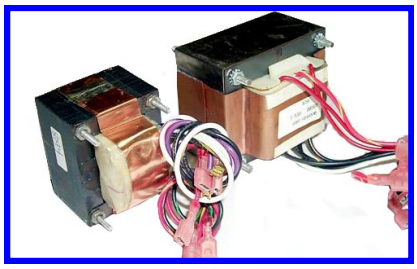
Wabash Transformer Inc. was founded in 1966, and is presently located in Addison, Illinois. This facility offers a full range of Custom and Standard power transformers. Wabash Transformer application include HVAC, Medical, Pool and Spa, Metering equipment, Household appliances and many others.
The 'Mark of Quality' is more than just a slogan, it is the driving force behind all our efforts. We are committed to bring you the best quality at competitive prices.



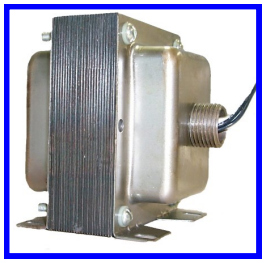
Engineering

Ideal Solution for your Application

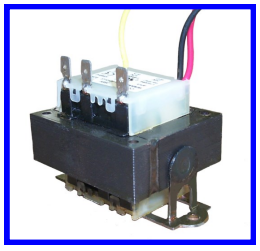
With our 40 years experience in designing power transformers, we offer an Ideal solution for your application through our pre-engineered off the shelf product line or custom designed to meet your specifications.
The custom designs are thoroughly tested in our laboratory and then submitted for your approval. Rapid prototyping assures fast development of your end product. Our goal is to design products to meet or exceed your expectations providing highest quality at economical prices.











Manufacturing

Quality goes in before the name goes on.



Wabash achieve high manufacturing through extensive automation of coil winding, assembly lines and testing. State of the art winding and stack welding machines allow a production capacity of ten thousand parts per day.

Highly skilled operators with 30 years average experience take personal pride in quality products they produce. We at Wabash Transformer believe: Quality goes in before name goes on.



Computerized Single Head Wind-



Stack Weld-



12 Head Rotary Winding

Safety Approvals

Wabash Engineers can design products to meet domestic and international safety agency standards. The current product line has been tested and recognized by the following Safety Agencies:

Benefits

Partner with Us & Connect with Success!

- **Zero defect, 100% tested**
- **Highly competitive pricing**
- **3 day shipment**
- **On-time delivery**
- **Short lead time**
- **Flexibility to adapt to customer demands**

Contact

Bringing you the best product and support

Sales:
Phone: (630) 628 - 9999
Fax: (630) 628 - 9922

Technical Support
Phone: (630) 628 - 9999
Fax: (630) 628 - 9922

Terms and Conditions

How to Order: Contact your local distributor or representative for immediate order placement or price and delivery information. Please refer to Wabash's distributor and representative listing for the office nearest you. For factory direct orders or technical assistance, please contact our sales office.

Prices: F.O.B. Factory, Illinois. All prices listed are for domestic shipments only. Prices and specifications are subject to change without notice. Federal, state, and local taxes are not included and will be added where applicable. Additional charges may apply for rush orders and special handling. Non-stock and custom products will incur non refundable engineering charges. Export orders will incur an additional $50.00 handling charge.

Discounts: Wabash Transformer offers liberal discounts to quantity buyers. OEM contracts are available. Consult Wabash Transformer or your local representative/distributor for prompt quotations.

Terms: Net 30 days, subject to credit approval. Payments in U.S. dollars only. All sales are subject to Wabash terms and conditions exclusively.

Delivery: Scheduled orders are acceptable with a firm delivery schedule.

Shipping: All orders are shipped surface freight collect unless otherwise instructed. Location permitting, small shipments are made by United Parcel Service (UPS); larger shipments, by insured motor. Shipments can be made by air upon request. Every effort is made to adequately pack products. However, if the products are received in damaged condition, it is the customers responsibility to contact the carrier and file a claim for damages.

Lead Times: Please consult factory for current lead times.

Quotations: All written quotations from Wabash Transformer shall be valid for 30 days from the date of quotation. Inquiries for customs or modifications of the existing products are welcome.

Samples: No charge samples will be granted if product total cost does not exceed $10.00. customer is responsible for shipping charges.

Repair Service: All products to be returned for repair require a Return Material Authorization (RMA) number prior to return shipment. Contact the factory for details and authorization number. Products ordered in error are subject to a 25% restocking charge. Non-standard, custom, or modified products cannot be returned for credit.

Cancellation Policy:
A 30 day notice is necessary for cancellation of pre-engineered items. A 25% restocking charge will apply. For volume orders, the quantity shipped versus the quantity ordered will determine price difference and the customer will be charged accordingly. Custom products are non-cancelable and non-returnable.

Special stocking, Kanban or Consignment agreements will prevail under all circumstances.

Warranty

Wabash Transformer warrants each product of its manufacture that does not perform to published specifications as a result of defective material and/or workmanship, for a period of two(2) full years from the date of shipment to the original purchaser. Wabash Transformer obligation under this warranty is limited to servicing or adjusting any product returned to the factory for that purpose, or replacing any defective parts. Transportation charges are to be prepaid by the purchaser, and a Return Material Authorization (RMA) number must be obtained before returning for warranty examination. If the failure has been caused by misuse, operation in excess of specifications or modifications by customer, repairs shall be billed at cost; in such cases a cost estimate shall be submitted before work is started.

Wabash Transformer reserves the right to make changes or improvements in its products without incurring any obligation to install the same on products previously manufactured.

Wabash Transformer neither assumes, nor authorizes any other person to assume on its behalf any liabilities for consequential damages of any kind through the use or misuse of its products by the purchaser or others. No other obligations are expressed or implied.

Corporate Mission/Vision and Guiding Values

Mission:

To be the highest quality and most cost effective supplier to our customers

Achieved through:

- **Technical and Innovative Solutions**
- **World Class Manufacturing**
- **Customer Focus**
  - **Respectful Communication**
  - **Ease of doing Business**

Guided by:

- **Excellence in Quality**
  - **Compliance to Requirements**
  - **Continuous Improvement**
  - **Personal Pride in our Work**

- **Highest Degree of Ethics**

  - **Passion for our Partners' Mutual Success**
  - **Willing to take on Big Challenges and deliver Results**
  - **Social, Environmental Responsibility**

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Class 2 UL5085-3 Transformers

Class 2 c UL us RoHS3

Series: CL

Example: CL40V01-000 = Class 2 UL5085-3 transformer, 40VA inherently energy limited, stack 1 1/4, 120V primary and 24V secondary, foot mounted, lead wires/quick connect terminals.

Note: This is a partial listing only. Consult factory for your specific requirements. All combinations of voltage and VA may not be available. Specifications and availability subject to change. ***Consult specific part number for agency approval.***

CL	XXXX	XX	- XXX	- XX	X	X	XXX

1. Series:
CL= Class 2 (Inherently Energy Limited)
= * Class 2 (Non Inherently Energy Limited)

2. VA Rating & Stack Size:

	VA	Core Size		VA	Core Size		VA	Core Size
05X	= 05	3/4 X 1/2	**30M**	= 30	3/4 X 1.0	**60H**	= 60*	1.0 X 1.0
06ES	= 06	1/2 X 1/2	**40V**	= 40	3/4 X 1 1/4	**75J**	= 75*	1.0 X 1.0
10A	= 10	3/4 X 1/2	**40VM**	= 40	3/4 X 1.0	**85R**	= 85*	1.0 X 1 1/2
15B	= 15	3/4 X 5/8	**40E**	= 40	7/8 X 7/8	**100K**	= 96*	1.0 X 1 1/2
20C	= 20	3/4 X 5/8	**50AW**	= 50	7/8 X 1 1/4			

3. Primary & Secondary Voltages

	Primary V	Secondary V		Primary V	Secondary V
00 =	208/230	24	**38** =	230	10
01 =	120	24	**40** =	240	24
02 =	277	24	**41** =	120/277	24
03 =	120/208/240	24	**42** =	208/277/480	24
04 =	480	24	**43** =	277/380/415	24
05 =	120/208/240/480	24	**44** =	208/240/480	24
06 =	600	24	**45** =	208	24
07 =	120/240	24	**46** =	460/575	24
08 =	277/380/575	24	**47** =	220/240	24
09 =	380	24	**48** =	100	24
10 =	240	12	**49** =	220	24
11 =	120	12	**50** =	208/240	12
14 =	277/380/415/480	24	**51** =	115	24
15 =	208/240	24	**52** =	265	24
16 =	415	24	**53** =	346	24
17 =	380/415	24	**54** =	208/230/460	24
21 =	575	24	**55** =	400	24
22 =	215/230	24	**56** =	575/600	24
23 =	208/240/277	24	**57** =	120/208/277/575	24
24 =	240/480	24	**58** =	200/230/460	24
27 =	380/415/575	24	**59** =	230/460	24
28 =	460	24	**60** =	380/460	24
30 =	480/575	24	**61** =	208/240	25
31 =	200/230	24	**62** =	115/230	24
36 =	120/208/240/277	24	**63** =	230	24
37 =	115	10	**64** =	240/277/480	24

4. Suffix:
000 = Standard part, no designation
X00 = Highest primary voltage only may be used on multiple primary winding
0CT = Center-Tapped secondary voltage - includes a 12V winding on the 24V output
XCT= Highest primary voltage only and Center-Tapped secondary voltage

5. Standard Mounting & Terminations - Partial (Call for Custom Mounting & Terminations)

HX = Foot Mount, Horizontal, Opposite Side Leads
HS = Foot Mount, Horizontal, Same Side Leads
HD = Foot Mount, Horizontal, Leads Diagonal Side
VX = Foot Mount, Vertical, Opposite Side Leads
VS = Foot Mount, Vertical, Same Side Leads
VD = Foot Mount, Vertical Leads Diagonal Side
GX = Panel Mount, Opposite Side Leads
GS = Panel Mount, Same Side Leads
BC = 4 Foot, Screw/Leads
AE = Lay Down, Pri & Sec on Top Side
BB = Foot Mount, Pri & Sec on Same Side
AB = Foot Mount, Pri & Sec on Opposite Side

6. Terminals Size:
1 = Primary with 3/16, Secondary with 1/4
2 = All 1/4
3 = Primary with 1/4, Secondary with 3/16
4 = All 3/16

7. Fusing:
N = No Fuse Required
C = Circuit Breaker Integral
F = Factory Provided Fuse
K = Customer to Provide Fuse

8. Standard: Blank **Custom: To be assigned by factory**

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
5VA - 30VA, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 5VA to 30VA with Lead wires**
- **Power Rating 10VA to 30VA with Quick-Connect Terminals**
- **No Secondary Fusing Required**
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**



Agency Approvals:

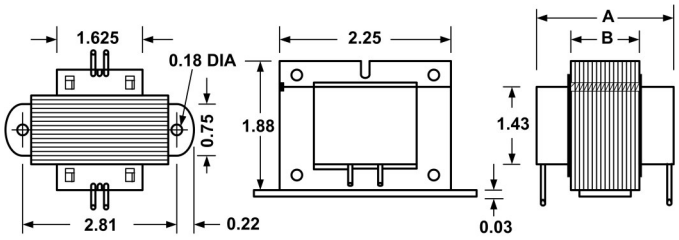
- **UL/cUL 5085-3 Class 2 Recognized (UL File E49606 & ETL Report 103284440CHI-001)**
- **Insulation File No. E95662**

** Multi voltage combinations are available - consult factory.*

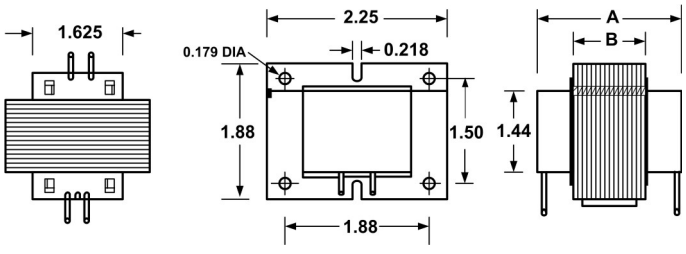
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type GX Panel Mount - 0.179 (4.55 mm) diameter holes in each corner to allow direct mounting to a panel.
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

Type HX - Foot Mount



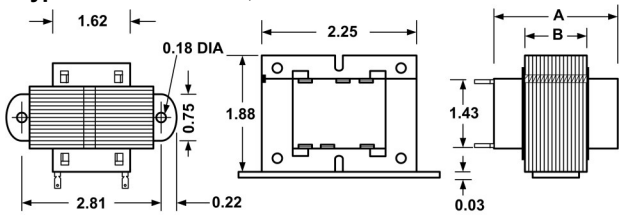
Type GX - Panel Mount



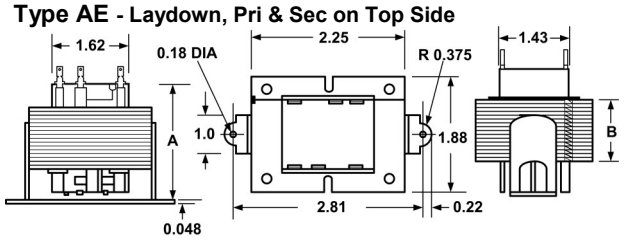
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount, Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer
Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81 mm)
Other available quick connects - 0.187 x 0.032 (4.75 x 0.81 mm)

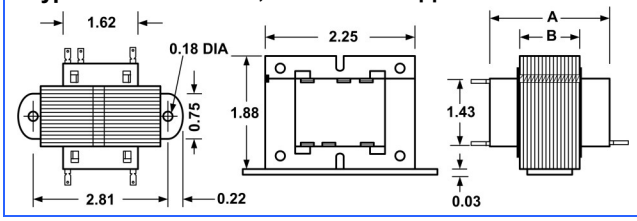
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	5VA	10VA	15VA	20VA	30VA
A	1.660	1.660	1.760	1.790	2.160
B	0.500	0.500	0.625	0.625	1.000
Weight (Lbs)	0.710	0.740	0.889	0.968	1.260

Any application, Any requirement, Contact us for our Custom Designs

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

Class 2 UL5085-3 Transformer
5VA - 30VA, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide

Primary Voltage	Secondary Voltage	5 VA Size - 3/4 X 1/2	Class 2**	10 VA Size - 3/4 X 1/2	Class 2**	15VA Size - 3/4 X 1/2	Class 2**	20 VA Size - 3/4 X 5/8	Class 2**	30 VA Size - 3/4 X 1.0	Class 2**
208/230	24V	–	-	CL10A00-000*	✓	CL15B00-000*	✓	CL20C00-000*	✓	CL30M00-000*	✓
	24Vct	CL05X00-0CT*	✓	CL10A00-0CT*	✓	CL15B00-0CT*	✓	CL20C00-0CT*	✓	–	-
120	24	CL05X01-000*	✓	CL10A01-000*	✓	CL15B01-000*	✓	CL20C01-000*	✓	CL30M01-000*	✓
	24Vct	CL05X01-0CT*	✓	CL10A01-0CT*	✓	CL15B01-0CT*	✓	CL20C01-0CT*	✓	–	-
	12	CL05X11-000*	✓	CL10A11-000*	✓	CL15B11-000*	✓	CL20C11-000*	✓	–	-
277	24	CL05X02-000*	✓	CL10A02-000*	✓	CL15B02-000*	✓	CL20C02-000*	✓	CL30M02-000*	✓
	24Vct	CL05X02-0CT*	✓	CL10A02-0CT*	✓	CL15B02-0CT*	✓	CL20C02-0CT*	✓	–	-
120/208/240	24	CL05X03-000*	✓	CL10A03-000*	✓	CL15B03-000*	✓	CL20C03-000*	✓	CL30M03-000*	✓
	24Vct	CL05X03-0CT*	✓	CL10A03-0CT*	✓	CL15B03-0CT*	✓	CL20C03-0CT*	✓	–	-
480	24	CL05X04-000*	-	CL10A04-000*	✓	CL15B04-000*	✓	CL20C04-000*	✓	CL30M04-000*	✓
	24Vct	–	-	CL10A04-0CT*	✓	CL15B04-0CT	✓	CL20C04-0CT*	✓	–	-
600	24	CL05X06-000*	✓	CL10A06-000*	✓	CL15B06-000*	✓	CL20C06-000*	✓	CL30M06-000*	✓
	24Vct	CL05X06-0CT*	✓	CL10A06-0CT*	✓	CL15B06-0CT*	✓	CL20C06-0CT*	✓	–	-
120/240	24	CL05X07-000*	✓	CL10A07-000*	✓	CL15B07-000*	✓	CL20C07-000*	✓	CL30M07-000*	✓
	24Vct	CL05X07-0CT*	✓	CL10A07-0CT*	✓	CL15B07-0CT*	✓	CL20C07-0CT*	✓	–	-
380	24	CL05X09-000*	-	CL10A09-000*	✓	–	-	CL20C09-000*	✓	CL30M09-000*	✓
	24Vct	–	-	CL10A09-0CT*	✓	–	-	CL20C09-0CT*	✓	–	-
240	24	CL05X40-000*	✓	CL10A40-000*	✓	CL15B40-000*	✓	CL20C40-000*	✓	CL30M40-000*	✓
	24Vct	CL05X40-0CT*	✓	CL10A40-OCT*	✓	CL15B40-0CT*	✓	CL20C40-0CT*	✓	–	-
	12	CL05X10-000*	✓	CL10A10-000*	✓	CL15B10-000*	✓	CL20C10-000*	✓	–	-
208/240	24	CL05X15-000*	✓	CL10A15-000*	✓	CL15B15-000*	✓	CL20C15-000*	✓	CL30M15-000*	✓
	24Vct	CL05X15-0CT*	✓	CL10A15-0CT*	✓	CL15B15-0CT*	✓	CL20C15-0CT*	✓	–	-
	12	CL05X50-000*	✓	CL10A50-000*	✓	CL15B50-000*	✓	CL20C50-000*	✓	–	-
415	24	CL05X16-000*	-	CL10A16-000*	✓	–	-	CL20C16-000*	✓	CL30M16-000*	✓
	24Vct	–	-	CL10A16-0CT*	✓	–	-	CL20C16-0CT*	✓	–	-
380/415	24	CL05X17-000*	-	CL10A17-000*	✓	–	-	CL20C17-000*	✓	CL30M17-000*	✓
	24Vct	–	-	CL10A17-0CT*	✓	–	-	CL20C17-0CT*	✓	–	-
575	24	CL05X21-000*	✓	CL10A21-000*	✓	CL15B21-000*	✓	CL20C21-000*	✓	CL30M21-000*	✓
	24Vct	CL05X21-0CT*	✓	CL10A21-0CT*	✓	CL15B21-0CT*	✓	CL20C21-0CT*	✓	–	-
215/230	24	–	-	CL10A22-000*	✓	–	-	CL20C22-000*	✓	CL30M22-000*	✓
	24Vct	–	-	CL10A22-0CT*	✓	–	-	CL20C22-0CT*	✓	–	-
208/240/277	24	CL05X23-000*	✓	CL10A23-000*	-	–	-	CL20C23-000*	-	CL30M23-000*	-
	24Vct	CL05X23-0CT*	✓	–	-	–	-	–	-	–	-
240/480	24	CL05X24-000*	-	CL10A24-000*	✓	–	-	CL20C24-000*	✓	CL30M24-000*	✓
	24Vct	–	-	CL10A24-0CT*	✓	–	-	CL20C24-0CT*	✓	–	-
380/415/575	24	CL05X27-000*	-	CL10A27-000*	✓	–	-	CL20C27-000*	✓	CL30M27-000*	✓
	24Vct	–	-	CL10A27-0CT*	✓	–	-	CL20C27-0CT*	✓	–	-
460	24	CL05X28-000*	-	CL10A28-000*	✓	–	-	CL20C28-000*	✓	CL30M28-000*	✓
	24Vct	–	-	CL10A28-0CT*	✓	–	-	CL20C28-0CT*	✓	–	-

* Refer to page number 8. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.
** Per UL Standard 5085-3

Continued...

Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
5VA - 30VA, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide (Continued)

Primary Voltage	Secondary Voltage	5 VA Size - 3/4 X 1/2	Class 2**	10 VA Size - 3/4 X 1/2	Class 2**	15VA Size - 3/4 X 1/2	Class 2**	20 VA Size - 3/4 X 5/8	Class 2**	30 VA Size - 3/4 X 1.0	Class 2**
480/575	24	—	-	CL10A30-000*	✓	—	-	—	-	—	-
	24Vct	—	-	CL10A30-0CT*	✓	—	-	—	-	—	-
200/230	24	CL05X31-000*	✓	CL10A31-000*	✓	CL15B31-000*	✓	CL20C31-000*	✓	CL30M31-000*	✓
	24Vct	CL05X31-0CT*	✓	CL10A31-0CT*	✓	CL15B31-0CT*	✓	CL20C31-0CT*	✓	—	-
120/208/240/277	24	CL05X36-000*	✓	CL10A36-000*	✓	—	-	CL20C36-000*	✓	CL30M36-000*	✓
	24Vct	CL05X36-0CT*	✓	CL10A36-0CT*	✓	—	-	CL20C36-0CT*	✓	—	-
120/277	24	CL05X41-000*	✓	CL10A41-000*	✓	CL15B41-000*	✓	CL20C41-000*	✓	CL30M41-000*	✓
	24Vct	CL05X41-0CT*	✓	CL10A41-0CT*	✓	CL15B41-0CT*	✓	CL20C41-0CT*	✓	—	-
208/277/480	24	CL05X42-000*	-	CL10A42-000*	✓	—	-	CL20C42-000*	✓	CL30M42-000*	✓
	24Vct	—	-	CL10A42-0CT*	✓	—	-	CL20C42-0CT*	✓	—	-
277/380/415	24	CL05X43-000*	-	CL10A43-000*	✓	—	-	CL20C43-000*	✓	CL30M43-000*	✓
	24Vct	—	-	CL10A43-0CT*	✓	—	-	CL20C43-0CT*	✓	—	-
208/240/480	24	CL05X44-000*	-	CL10A44-000*	✓	CL15B44-000*	✓	CL20C44-000*	✓	CL30M44-000*	✓
	24Vct	—	-	CL10A44-0CT*	✓	CL15B44-0CT*	✓	CL20C44-0CT*	✓	—	-
208	24	CL05X45-000*	✓	CL10A45-000*	✓	CL15B45-000*	✓	CL20C45-000*	✓	CL30M45-000*	✓
	24Vct	CL05X45-0CT*	✓	CL10A45-0CT*	✓	CL15B45-0CT*	✓	CL20C45-0CT*	✓	—	-
220/240	24	—	-	CL10A47-000*	✓	—	-	—	-	—	-
	24Vct	—	-	CL10A47-0CT*	✓	—	-	—	-	—	-
100	24	CL05X48-000*	✓	CL10A48-000*	✓	CL15B48-000*	✓	CL20C48-000*	✓	CL30M48-000*	✓
	24Vct	CL05X48-0CT*	✓	CL10A48-0CT*	✓	CL15B48-0CT*	✓	CL20C48-0CT*	✓	—	-
220	24	CL05X49-000*	✓	CL10A49-000*	✓	CL15B49-000*	✓	CL20C49-000*	✓	CL30M49-000*	✓
	24Vct	CL05X49-0CT*	✓	CL10A49-0CT*	✓	CL15B49-0CT*	✓	CL20C49-0CT*	✓	—	-
115	24	CL05X51-000*	✓	CL10A51-000*	✓	CL15B51-000*	✓	CL20C51-000*	✓	CL30M51-000*	✓
	24Vct	CL05X51-0CT*	✓	CL10A51-0CT*	✓	CL15B51-0CT*	✓	CL20C51-0CT*	✓	—	-
265	24	CL05X52-000*	✓	CL10A52-000*	✓	CL15B52-000*	✓	CL20C52-000*	✓	CL30M52-000*	✓
	24Vct	CL05X52-0CT*	✓	CL10A52-0CT*	✓	CL15B52-0CT*	✓	CL20C52-0CT*	✓	—	-
346	24	CL05X53-000*	-	CL10A53-000*	✓	CL15B53-000*	✓	CL20C53-000*	✓	CL30M53-000*	✓
	24Vct	—	-	CL10A53-0CT*	✓	CL15B53-0CT*	✓	CL20C53-0CT*	✓	—	-
208/230/460	24	CL05X54-000*	-	CL10A54-000*	✓	CL15B54-000*	✓	CL20C54-000*	-	CL30M54-000*	✓
	24Vct	—	-	CL10A54-0CT*	✓	CL15B54-0CT*	✓	—	-	—	-
400	24	CL05X55-000*	-	—	-	—	-	—	-	—	-
	24Vct	—	-	—	-	—	-	—	-	—	-
575/600	24	CL05X56-000*	✓	CL10A56-000*	-	—	-	CL20C56-000*	-	CL30M56-000*	-
	24Vct	CL05X56-0CT*	✓	—	-	—	-	—	-	—	-
230/460	24	CL05X59-000*	-	CL10A59-000*	✓	—	-	CL20C59-000*	✓	CL30M59-000*	✓
	24Vct	—	-	CL10A59-0CT*	✓	—	-	CL20C59-0CT*	✓	—	-
380/460	24	—	-	CL10A60-000*	✓	—	-	—	-	—	-
	24Vct	—	-	CL10A60-0CT*	✓	—	-	—	-	—	-
208/240	24	—	-	—	-	CL15B15-000*	✓	—	-	CL30M15-000*	✓
	24Vct	—	-	—	-	CL15B15-0CT*	✓	—	-	—	-
115/230	24	CL05X62-000*	✓	CL10A62-000*	✓	—	-	CL20C62-000*	✓	CL30M62-000*	✓
	24Vct	CL05X62-0CT*	✓	CL10A62-0CT*	✓	—	-	CL20C62-0CT*	✓	—	-
230	24	CL05X63-000*	✓	CL10A63-000*	✓	CL15B63-000*	✓	CL20C63-000*	✓	CL30M63-000*	✓
	24Vct	CL05X63-0CT*	✓	CL10A63-0CT*	✓	CL15B63-0CT*	✓	CL20C63-0CT*	✓	—	-
240/277/480	24	CL05X64-000*	-	CL10A64-000*	✓	—	-	CL20C64-000*	✓	CL30M64-000*	✓
	24Vct	—	-	CL10A64-0CT*	✓	—	-	CL20C64-0CT*	✓	—	-

* Refer to page number 8. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.
** Per UL Standard 5085-3

Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

Class 2 UL5085-3 Transformer
6VA, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 6VA**
- **No Secondary Fusing Required**
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**



Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized (File E49606)**
- **Insulation File No. E95662**

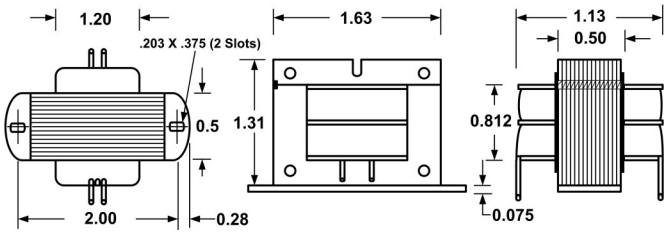
Class 2

** Multi voltage combinations are available - consult factory.*

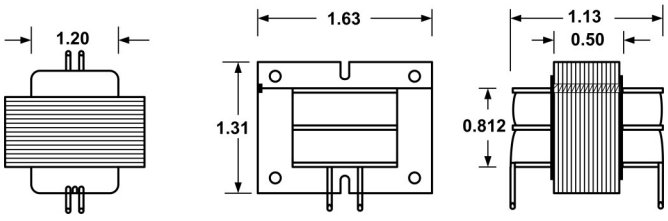
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type GX Panel Mount - 0.179 (4.55 mm) diameter holes in each corner to allow direct mounting to a panel.
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

Type HX - Foot Mount



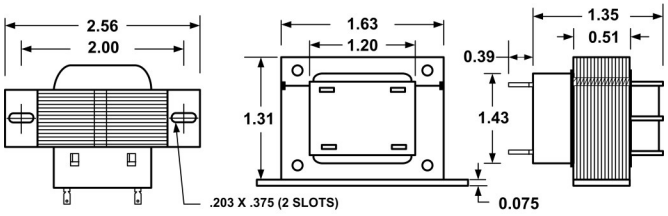
Type GX - Panel Mount



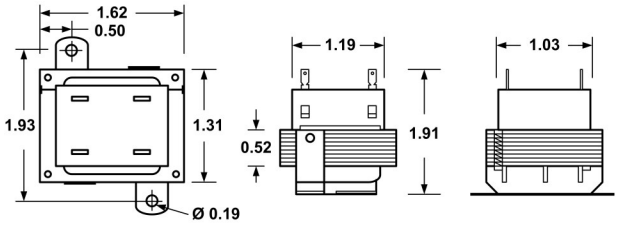
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount, Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer
Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81 mm)
Other available quick connects - 0.187 x 0.032 (4.75 x 0.81 mm)

Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Primary Voltage	Secondary Voltage	6VA Size - 1/2 X 1/2	UL	Weight (Lbs)
115	10	CL06ES37-000*	✓	0.350
230	10	CL06ES38-000*	✓	0.350

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
30VA, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 30VA**
- **Secondary Fusing Required** (Provided by Factory)
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**



Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized (UL File E49606 & ETL Report 103284440CHI-001)**
- **Insulation File No. E95662**

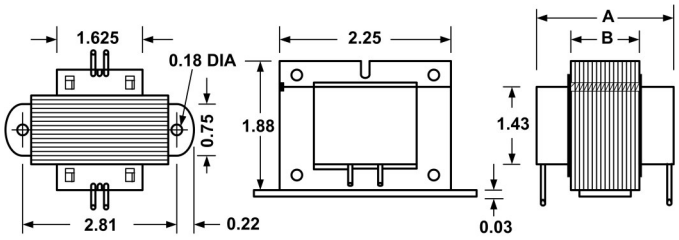
Class 2

** Multi voltage combinations are available - consult factory.*

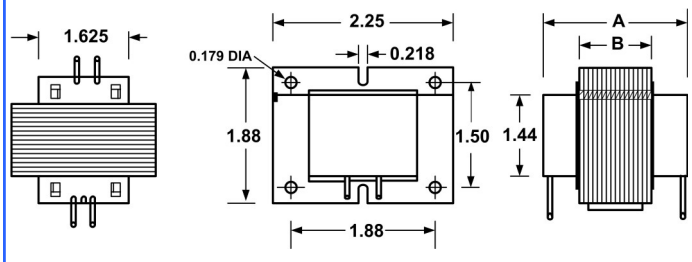
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Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

Type HX - Foot Mount



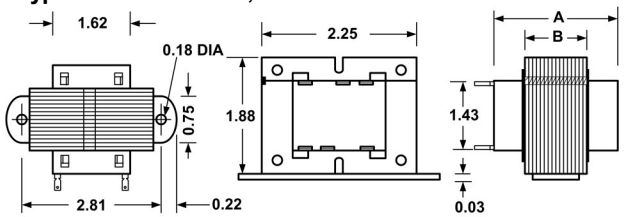
Type GX - Panel Mount



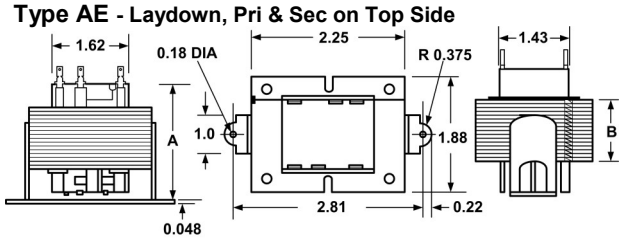
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount, Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer
Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81 mm)
Other available quick connects - 0.187 x 0.032 (4.75 x 0.81 mm)

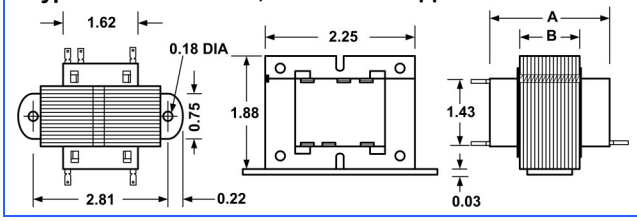
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	30VA
A	2.160
B	1.000
Weight (Lbs)	1.260

Any application, Any requirement, Contact us for our Custom Designs

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

Class 2 UL5085-3 Transformer
30VA, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide

Primary Voltage	Secondary Voltage	30 VA Size - 3/4 X 1.0	Class 2**
208/230	24V	–	-
	24Vct	CL30M00-0CT*	✓
120	24	–	-
	24Vct	CL30M01-0CT*	✓
	12	CL30M11-000*	✓
277	24	–	-
	24Vct	CL30M02-0CT*	✓
120/208/240	24	–	-
	24Vct	CL30M03-0CT*	✓
480	24	–	-
	24Vct	CL30M04-0CT*	✓
600	24	–	-
	24Vct	CL30M06-0CT*	✓
120/240	24	–	-
	24Vct	CL30M07-0CT*	✓
380	24	–	-
	24Vct	CL30M09-0CT*	✓
240	24	–	-
	24Vct	CL30M40-0CT*	✓
	12	CL30M10-000*	✓
208/240	24	–	-
	24Vct	CL30M15-0CT*	✓
	12	CL30M50-000*	✓
415	24	–	-
	24Vct	CL30M16-0CT*	✓
380/415	24	–	-
	24Vct	CL30M17-0CT*	✓
575	24	–	-
	24Vct	CL30M21-0CT*	✓
215/230	24	–	-
	24Vct	CL30M22-0CT*	✓
208/240/277	24	CL30M23-000*	-
	24Vct	–	-
240/480	24	–	-
	24Vct	CL30M24-0CT*	✓
380/415/575	24	–	-
	24Vct	CL30M27-0CT*	✓
460	24	–	-
	24Vct	CL30M28-0CT*	✓
200/230	24	–	-
	24Vct	CL30M31-0CT*	✓

Primary Voltage	Secondary Voltage	30 VA Size - 3/4 X 1.0	Class 2**
120/208/240/277	24	–	-
	24Vct	CL30M36-0CT*	✓
120/277	24	–	-
	24Vct	CL30M41-0CT*	✓
208/277/480	24	–	-
	24Vct	CL30M42-0CT*	✓
277/380/415	24	–	-
	24Vct	CL30M43-0CT*	✓
208/240/480	24	–	-
	24Vct	CL30M44-0CT*	✓
208	24	–	-
	24Vct	CL30M45-0CT*	✓
100	24	–	-
	24Vct	CL30M48-0CT*	✓
220	24	–	-
	24Vct	CL30M49-0CT*	✓
115	24	–	-
	24Vct	CL30M51-0CT*	✓
265	24	–	-
	24Vct	CL30M52-0CT*	✓
346	24	–	-
	24Vct	CL30M53-0CT*	✓
208/230/460	24	–	✓
	24Vct	CL30M54-0CT*	✓
400	24	–	-
575/600	24	CL30M56-000*	-
	24Vct	–	-
230/460	24	CL30M59-000*	-
	24Vct	CL30M59-0CT*	✓
208/240	24	–	-
	24Vct	CL30M15-0CT*	✓
115/230	24	–	-
	24Vct	CL30M62-0CT*	✓
230	24	–	-
	24Vct	CL30M63-0CT*	✓
240/277/480	24	–	-
	24Vct	CL30M64-0CT*	✓

* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.
** Per UL Standard 5085-3

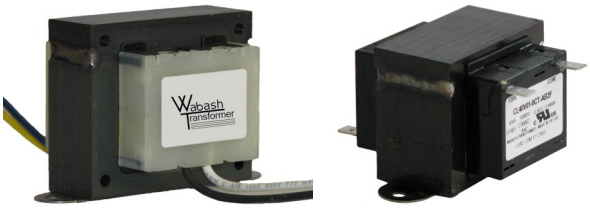
Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
40VA, Core 3/4, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 40VA**
- **No Secondary Fusing Required**
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**



Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized (UL File E49606 & ETL Report 103284440CHI-001)**
- **Insulation File No. E95662**

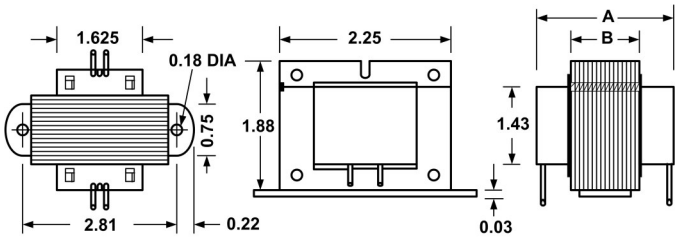
Class 2

** Multi voltage combinations are available - consult factory.*

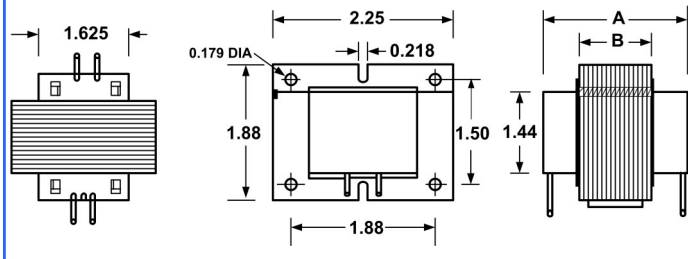
Lead Wires

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Type HX - Foot Mount



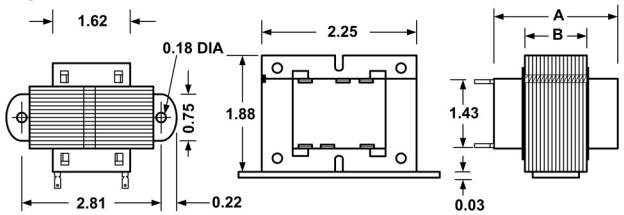
Type GX - Panel Mount



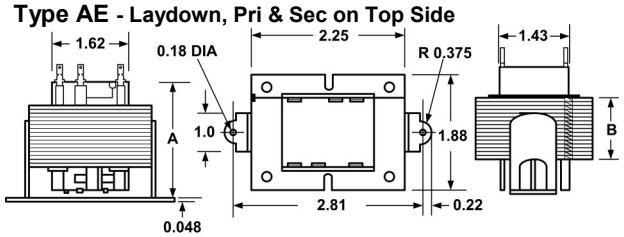
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer
Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81 mm) Other available quick connects - 0.187 x 0.032 (4.75 x 0.81 mm)

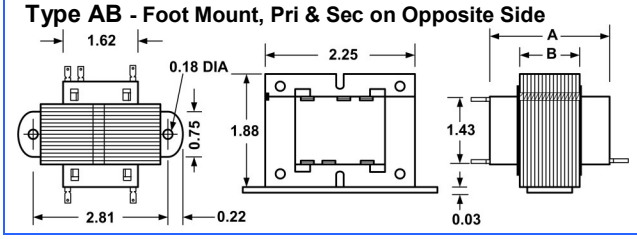
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	40VA - V	40VA - VM
A	2.410	2.160
B	1.250	1.000
Weight (Lbs)	1.450	1.200

Any application, Any requirement, Contact us for our Custom Designs

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Class 2 UL5085-3 Transformer
40VA, Core 3/4, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide

Primary Voltage	Secondary Voltage	40 VA Size - 3/4 X 1-1/4	Class 2**
208/230	24	CL40V00-000*	✓
	24Vct	—	-
120	24	CL40V01-000*	✓
	24Vct	—	-
277	24	CL40V02-000*	✓
	24Vct	—	-
120/208/240	24	CL40V03-000*	✓
	24Vct	—	-
480	24	CL40V04-000*	✓
	24Vct	—	-
600	24	CL40V06-000*	✓
	24Vct	—	-
120/240	24	CL40V07-000*	✓
	24Vct	—	-
380	24	CL40V09-000*	✓
	24Vct	—	-
240	24	CL40V40-000*	✓
	24Vct	—	-
208/240	24	CL40V15-000*	✓
	24Vct	—	-
	25	CL40V61-000*	-
415	24	CL40V16-000*	✓
	24Vct	—	-
380/415	24	CL40V17-000*	✓
	24Vct	—	-
575	24	CL40V21-000*	✓
	24Vct	—	-
215/230	24	CL40V22-000*	✓
	24Vct	—	-
208/240/277	24	CL40V23-000*	✓
	24Vct	—	-
240/480	24	CL40V24-000*	✓
	24Vct	—	-
380/415/575	24	CL40V27-000*	✓
	24Vct	—	-
460	24	CL40V28-000*	✓
	24Vct	—	-
480/575	24	CL40V30-000*	✓
	24Vct	—	-
200/230	24	CL40V31-000*	✓
	24Vct	—	-
120/208/240/277	24	CL40V36-000*	✓
	24Vct	—	-

Primary Voltage	Secondary Voltage	40 VA Size - 3/4 X 1-1/4	Class 2**
120/277	24	CL40V41-000*	✓
	24Vct	—	-
208/277/480	24	CL40V42-000*	✓
	24Vct	—	-
277/380/415	24	CL40V43-000*	✓
	24Vct	—	-
208/240/480	24	CL40V44-000*	✓
	24Vct	—	-
208	24	CL40V45-000*	✓
	24Vct	—	-
220/240	24	CL40V47-000*	✓
	24Vct	—	-
100	24	CL40V48-000*	✓
	24Vct	—	-
220	24	CL40V49-000*	✓
	24Vct	—	-
115	24	CL40V51-000*	✓
	24Vct	—	-
265	24	CL40V52-000*	✓
	24Vct	—	-
346	24	CL40V53-000*	✓
	24Vct	—	-
208/230/460	24	CL40V54-000*	✓
	24Vct	—	-
400	24	CL40V55-000*	-
	24Vct	—	-
575/600	24	CL40V56-000*	-
	24Vct	—	-
200/230/460	24	CL40V58-000*	-
	24Vct	—	-
230/460	24	CL40V59-000*	✓
	24Vct	—	-
380/460	24	CL40V60-000*	-
	24Vct	—	-
208/240	24	CL40V15-000*	✓
	24Vct	—	-
115/230	24	CL40V62-000*	✓
	24Vct	—	-
230	24	CL40V63-000*	✓
	24Vct	—	-
240/277/480	24	CL40V64-000*	✓
	24Vct	—	-

* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.
** Per UL Standard 5085-3

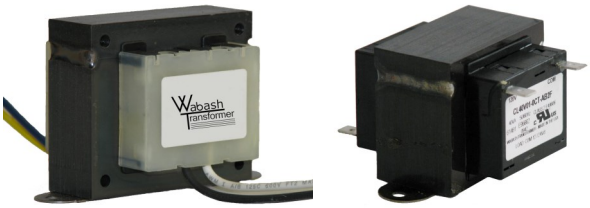
Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
40VA, Core 3/4, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 40VA**
- **Secondary Fusing Required** (Provided by Factory)
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**
  Class B (130°C) Insulation available



Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized**
  (UL File E49606 & ETL Report 103284440CHI-001)
- **Insulation File No. E95662**

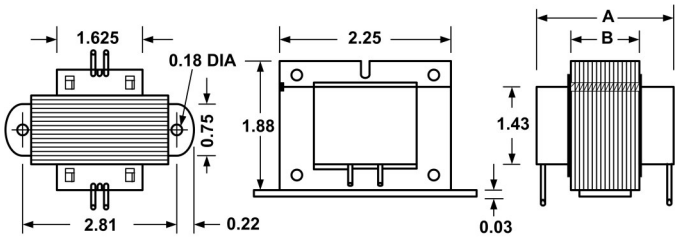
Class 2

** Multi voltage combinations are available - consult factory.*

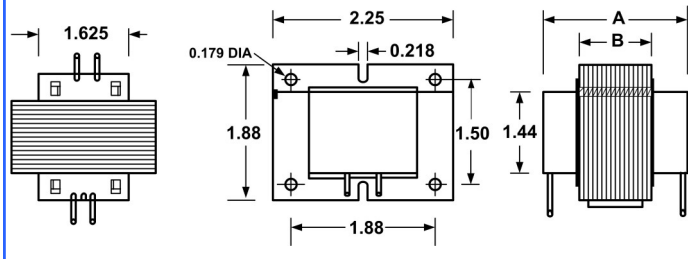
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type GX Panel Mount - 0.179 (4.55 mm) diameter holes in each corner to allow direct mounting to a panel.
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

Type HX - Foot Mount



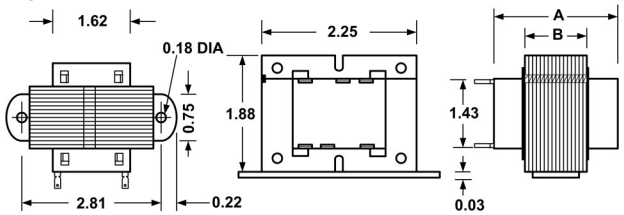
Type GX - Panel Mount



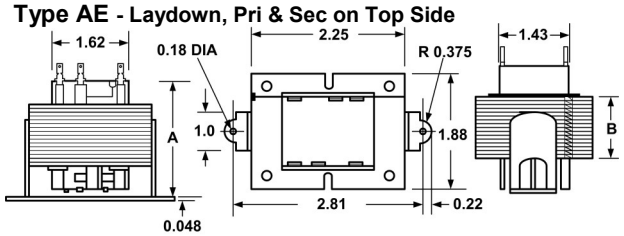
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
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Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81 mm) Other available quick connects - 0.187 x 0.032 (4.75 x 0.81 mm)

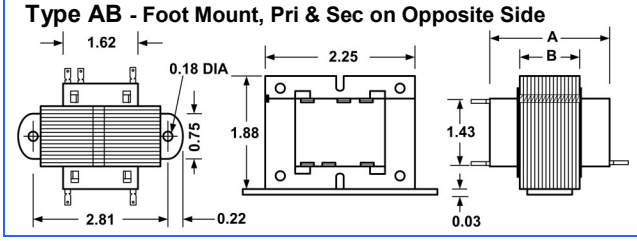
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	40VA - V
A	2.410
B	1.250
Weight (Lbs)	0.710

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Class 2 UL5085-3 Transformer
40VA, Core 3/4, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide

Primary Voltage	Secondary Voltage	40 VA Size - 3/4 X 1-1/4	Class 2**	40 VA Size - 3/4 X 1.00	Class 2**
208/230	24	—	-	—	-
	24Vct	CL40V00-0CT*	✓	—	-
120	12	CL40V11-000*	✓	—	-
	24	—	-	CL40VM01-000*	✓
	24Vct	CL40V01-0CT*	✓	CL40VM01-0CT*	✓
277	24	—	-	CL40VM02-000*	✓
	24Vct	CL40V02-0CT*	✓	CL40VM02-0CT*	✓
120/208/240	24	—	-	—	-
	24Vct	CL40V03-0CT*	✓	—	-
480	24	—	-	CL40VM04-000*	✓
	24Vct	CL40V04-0CT*	✓	CL40VM04-0CT*	✓
600	24	—	-	CL40VM06-000*	✓
	24Vct	CL40V06-0CT*	✓	CL40VM06-0CT*	✓
120/240	24	—	-	—	-
	24Vct	CL40V07-0CT*	✓	—	-
380	24	—	-	CL40VM09-000*	✓
	24Vct	CL40V09-0CT*	✓	CL40VM09-0CT*	✓
240	24	—	-	CL40VM40-000*	✓
	24Vct	CL40V40-0CT*	✓	CL40VM40-0CT*	✓
	12	CL40V10-000*	✓	—	-
208/240	12	CL40V50-000*	✓	—	-
	24	—	-	CL40VM15-000*	✓
	24Vct	CL40V15-0CT*	✓	CL40VM15-0CT*	✓
415	24	—	-	CL40VM16-000*	✓
	24Vct	CL40V16-0CT*	✓	CL40VM16-0CT*	✓
380/415	24	—	-	—	-
	24Vct	CL40V17-0CT*	✓	—	-
575	24	—	-	CL40VM21-000*	✓
	24Vct	CL40V21-0CT*	✓	CL40VM21-0CT*	✓
215/230	24	—	-	CL40VM22-000*	✓
	24Vct	CL40V22-0CT*	✓	CL40VM22-0CT*	✓
208/240/277	24	—	-	—	-
	24Vct	CL40V23-0CT*	-	—	-
240/480	24	—	-	—	-
	24Vct	CL40V24-0CT*	✓	—	-
380/415/575	24	—	-	—	-
	24Vct	CL40V27-0CT*	✓	—	-
460	24	—	-	—	-
	24Vct	CL40V28-0CT*	✓	—	-
480/575	24	—	-	—	-
	24Vct	CL40V30-0CT*	✓	—	-
200/230	24	—	-	—	-
	24Vct	CL40V31-0CT*	✓	—	-
120/208/240/277	24	—	-	—	-
	24Vct	CL40V36-0CT*	✓	—	-
120/277	24	—	-	—	-
	24Vct	CL40V41-0CT*	✓	—	-

* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.
** Per UL Standard 5085-3

Continued...

Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
40VA, Core 3/4, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide (Continued)

Primary Voltage	Secondary Voltage	40 VA Size - 3/4 X 1-1/4	Class 2**	40 VA Size - 3/4 X 1.00	Class 2**
208/277/480	24	–	-	–	-
	24Vct	CL40V42-0CT*	✓	–	-
277/380/415	24	–	-	–	-
	24Vct	CL40V43-0CT*	✓	–	-
208/240/480	24	–	-	–	-
	24Vct	CL40V44-0CT*	✓	–	-
208	24	–	-	CL40VM45-000*	✓
	24Vct	CL40V45-0CT*	✓	CL40VM45-0CT*	✓
220/240	24	–	-	CL40VM47-000*	✓
	24Vct	CL40V47-0CT*	✓	CL40VM47-0CT*	✓
100	24	–	-	CL40VM48-000*	✓
	24Vct	CL40V48-0CT*	✓	CL40VM48-0CT*	✓
220	24	–	-	CL40VM49-000*	✓
	24Vct	CL40V49-0CT*	✓	CL40VM49-0CT*	✓
115	24	–	-	CL40VM51-000*	✓
	24Vct	CL40V51-0CT*	✓	CL40VM51-0CT*	✓
265	24	–	-	CL40VM52-000*	✓
	24Vct	CL40V52-0CT*	✓	CL40VM52-0CT*	✓
346	24	–	-	CL40VM53-000*	✓
	24Vct	CL40V53-0CT*	✓	CL40VM53-0CT*	✓
208/230/460	24	–	-	–	-
	24Vct	CL40V54-0CT*	✓	–	-
400	24	–	-	–	-
	24Vct	CL40V55-0CT*	-	–	-
575/600	24	–	-	–	-
	24Vct	CL40V56-0CT*	-	–	-
200/230/460	24	–	-	–	-
	24Vct	CL40V58-0CT*	-	–	-
230/460	24	–	-	–	-
	24Vct	CL40V59-0CT*	✓	–	-
380/460	24	–	-	–	-
	24Vct	CL40V60-0CT*	-	–	-
208/240	24	–	-	CL40VM15-000*	✓
	24Vct	CL40V15-0CT*	✓	CL40VM15-0CT*	✓
	25	CL40V61-0CT*	-	–	-
115/230	24	–	-	CL40VM62-000*	✓
	24Vct	CL40V62-0CT*	✓	CL40VM62-0CT*	✓
230	24	–	-	CL40VM63-000*	✓
	24Vct	CL40V63-0CT*	✓	CL40VM63-0CT*	✓
240/277/480	24	–	-	–	-
	24Vct	CL40V64-0CT*	✓	–	-

* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.
** Per UL Standard 5085-3

Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

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Typical Class 2 Transformer Applications



Swimming Pool, Spas & Water Treatment Equipment



Home Appliances



HVAC Equipment



Laundry Equipment



Beverage Dispensers



Irrigation System

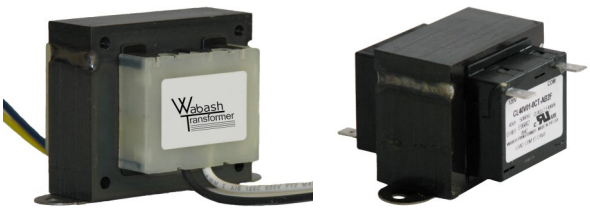


Vending Machines

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
40VA - 50VA, Core 7/8, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 40VA to 50VA**
- **No Secondary Fusing Required**
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**
  Class B (130°C) Insulation available



Agency Approvals:

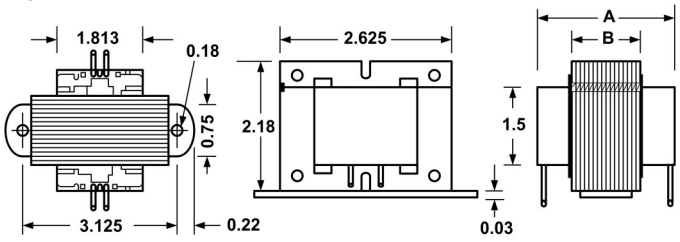
- **UL/cUL 5085-3 Class 2 Recognized (File E49606)**
- **Insulation File No. E95662**

** Multi voltage combinations are available - consult factory.*

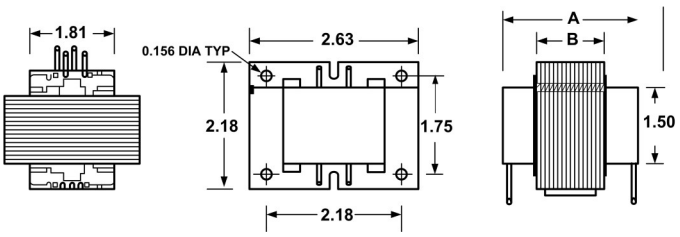
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type GX Panel Mount - 0.156 (3.96 mm) diameter holes in each corner to allow direct mounting to a panel.
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

Type HX - Foot Mount



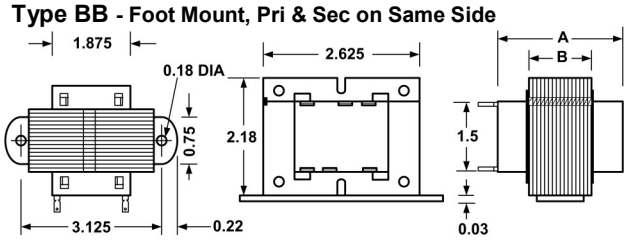
Type GX - Panel Mount



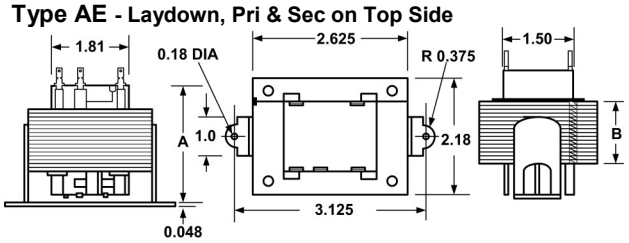
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount, Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer
Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81mm)
Other available quick connects - 0.187 x 0.032 (4.75 x 0.81mm)

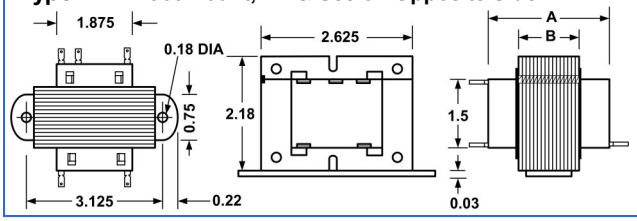
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	40VA - E	50VA - AW
A	2.000	2.470
B	0.890	1.250
Weight (Lbs)	0.740	0.968

Any application, Any requirement, Contact us for our Custom Designs

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Class 2 UL5085-3 Transformer
40VA - 50VA, Core 7/8, Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide

Primary Voltage	Secondary Voltage	40 VA Size - 7/8 X 7/8	UL	50 VA Size - 7/8 X 1-1/4	UL
208/230	24	CL40E00-000*	✓	–	-
120	24	CL40E01-000*	✓	CL50AW01-000*	✓
277	24	CL40E02-000*	✓	CL50AW02-000*	✓
120/208/240	24	CL40E03-000*	✓	CL50AW03-000*	✓
480	24	CL40E04-000*	✓	CL50AW04-000*	✓
120/208/240/480	24	–	-	CL50AW05-000*	✓
600	24	CL40E06-000*	✓	CL50AW06-000*	✓
120/240	24	CL40E07-000*	-	CL50AW07-000*	✓
380	24	CL40E09-000*	-	CL50AW09-000*	✓
240	24	CL40E40-000*	✓	CL50AW40-000*	✓
208/240	24	CL40E15-000*	✓	CL50AW15-000*	✓
	25	CL40E61-000*	-	CL50AW61-000*	✓
415	24	CL40E16-000*	-	–	-
380/415	24	CL40E17-000*	-	CL50AW17-000*	✓
575	24	CL40E21-000*	-	CL50AW21-000*	✓
215/230	24	CL40E22-000*	✓	CL50AW22-000*	✓
208/240/277	24	CL40E23-000*	-	–	-
240/480	24	CL40E24-000*	-	CL50AW24-000*	✓
380/415/575	24	CL40E27-000*	-	–	-
460	24	CL40E28-000*	-	–	-
480/575	24	CL40E30-000*	-	CL50AW30-000*	✓
120/208/240/277	24	CL40E36-000*	-	–	-
120/277	24	CL40E41-000*	-	CL50AW41-000*	✓
208/277/480	24	CL40E42-000*	-	–	-
277/380/415	24	CL40E43-000*	-	–	-
208/240/480	24	CL40E44-000*	-	CL50AW44-000*	✓
208	24	CL40E45-000*	-	CL50AW45-000*	✓
220/240	24	CL40E47-000*	-	CL50AW47-000*	✓
100	24	CL40E48-000*	✓	CL50AW48-000*	✓
220	24	CL40E49-000*	-	CL50AW49-000*	✓
115	24	CL40E51-000*	-	CL50AW51-000*	✓
265	24	CL40E52-000*	-	CL50AW52-000*	✓
346	24	CL40E53-000*	-	CL50AW53-000*	✓
208/230/460	24	CL40E54-000*	-	CL50AW54-000*	✓
400	24	CL40E55-000*	-	CL50AW55-000*	✓
575/600	24	CL40E56-000*	-	–	-
200/230/460	24	CL40E58-000*	-	CL50AW58-000*	✓
230/460	24	CL40E59-000*	-	CL50AW59-000*	✓
380/460	24	CL40E60-000*	-	CL50AW60-000*	✓
115/230	24	CL40E62-000*	-	–	-
230	24	CL40E63-000*	-	–	-
240/277/480	24	CL40E64-000*	-	–	-

* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.

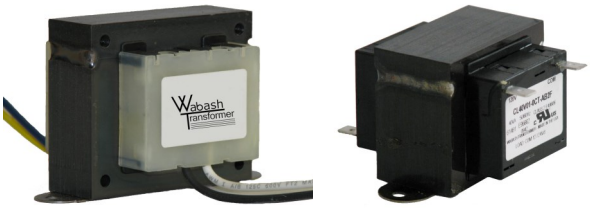
Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0" L.O.C (length out of coil) 1/2" strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
40VA - 50VA, Core 7/8, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 40VA to 50VA**
- **Secondary Fusing Required (Provided by Factory)**
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**
  Class B (130°C) Insulation available



Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized (File E49606)**
- **Insulation File No. E95662**

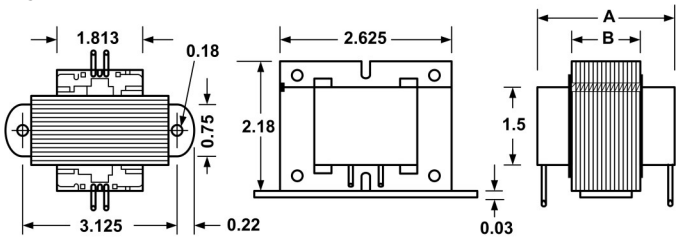
Class 2

** Multi voltage combinations are available - consult factory.*

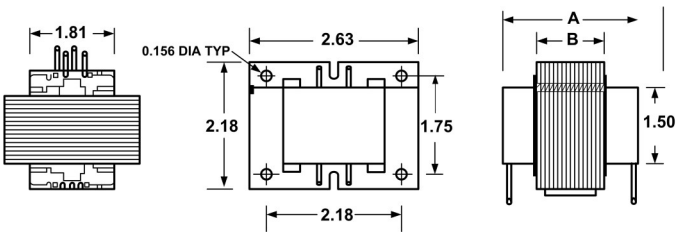
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type GX Panel Mount - 0.156 (3.96 mm) diameter holes in each corner to allow direct mounting to a panel.
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

Type HX - Foot Mount



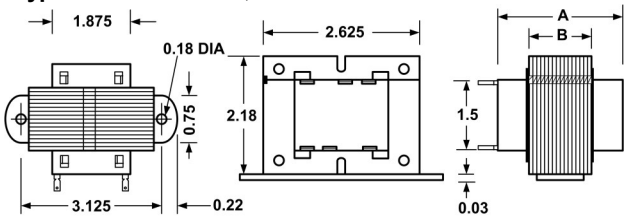
Type GX - Panel Mount



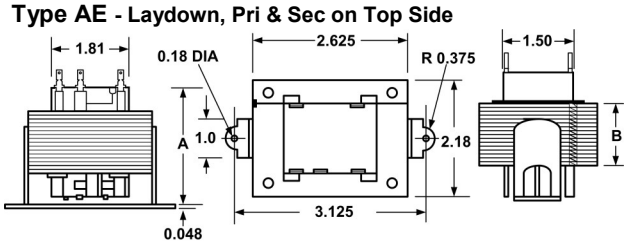
Quick-Connects

Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount, Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer
Terminals:
Standard male quick connects - 0.250 x 0.032 (6.35 x 0.81mm)
Other available quick connects - 0.187 x 0.032 (4.75 x 0.81mm)

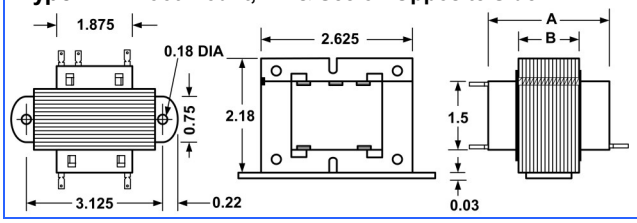
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top Side



Type AB - Foot Mount, Pri & Sec on Opposite Side



Dimensions (Inches)	40VA - E	50VA - AW
A	2.000	2.470
B	0.890	1.250
Weight (Lbs)	0.740	0.968

Any application, Any requirement, Contact us for our Custom Designs

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Class 2 UL5085-3 Transformer
40VA - 50VA, Core 7/8, Non-Inherently Energy Limited Series: CL - Lead Wires & Quick-Connects

Class 2

Partial Selection Guide

Primary Voltage	Secondary Voltage	40 VA Size - 7/8 X 7/8	UL	50 VA Size - 7/8 X 1-1/4	UL
208/230	24Vct	–	-	CL50AW00-0CT*	✓
120	12	CL40E11-000*	✓	CL50AW11-000*	✓
	24Vct	–	-	CL50AW01-0CT*	✓
277	24Vct	CL40E02-0CT*	✓	CL50AW02-0CT*	✓
120/208/240	24Vct	–	-	CL50AW03-0CT*	✓
480	24Vct	CL40E04-0CT*	✓	CL50AW04-0CT*	✓
120/208/240/480	24Vct	–	-	CL50AW05-0CT*	✓
600	24Vct	CL40E06-0CT*	✓	CL50AW06-0CT*	✓
120/240	24Vct	–	-	CL50AW07-0CT*	✓
240	24Vct	CL40E40-0CT*	✓	CL50AW40-0CT*	✓
	12	CL40E10-000*	✓	CL50AW10-000*	✓
208/240	12	CL40E50-000*	✓	CL50AW50-000*	✓
	24Vct	CL40E15-0CT*	✓	CL50AW15-0CT*	✓
380/415	24Vct	–	-	CL50AW17-0CT*	✓
575	24Vct	–	-	CL50AW21-0CT	✓
215/230	24Vct	–	-	CL50AW22-0CT*	✓
208/240/277	24Vct	–	-	CL50AW23-0CT*	✓
480/575	24Vct	–	-	CL50AW30-0CT	✓
120/277	24Vct	–	-	CL50AW41-0CT	✓
208/240/480	24Vct	–	-	CL50AW44-0CT*	✓
208	24Vct	–	-	CL50AW45-0CT	✓
220/240	24Vct	–	-	CL50AW47-0CT	✓
100	24Vct	CL40E48-0CT*	✓	CL50AW48-0CT*	✓
220	24Vct	–	-	CL50AW49-0CT*	✓
115	24Vct	–	-	CL50AW51-0CT*	✓
265	24Vct	–	-	CL50AW52-0CT*	✓
346	24Vct	–	-	CL50AW53-0CT*	✓
208/230/460	24Vct	–	-	CL50AW54-0CT	✓
400	24Vct	–	-	CL50AW55-0CT*	✓
200/230/460	24Vct	–	-	CL50AW58-0CT*	✓
230/460	24Vct	–	-	CL50AW59-0CT*	✓
380/460	24Vct	–	-	CL50AW60-0CT*	✓

* Refer to page number 8. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.

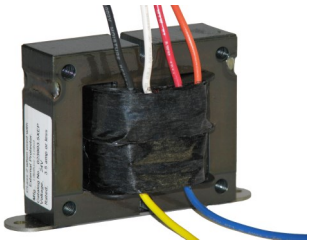
Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0 L.O.C (length out of coil) 1/2 strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
60VA - 75VA, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

- **Power Rating 60VA to 75VA**
- **Secondary Fusing Required** (Provided by Factory)
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**
  Class B (130°C) Insulation available





Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized (File E49606)**
- **Insulation File No. E95662**

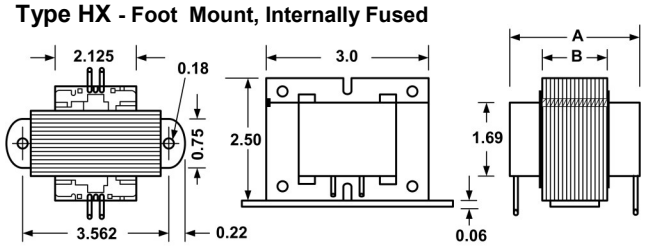
* 60 & 75VA transformers must have overcurrent protectors in series with the secondary winding.

Class 2

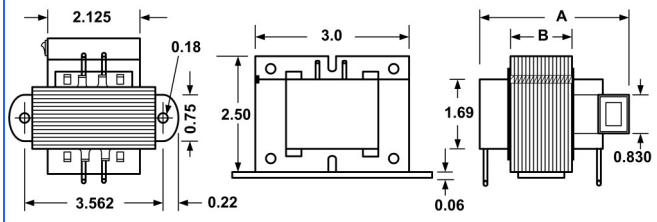
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type GX Panel Mount - 0.218 (5.54 mm) diameter holes in each corner to allow direct mounting to a panel.
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm) total length with 1/2 (12.7 mm) strip.

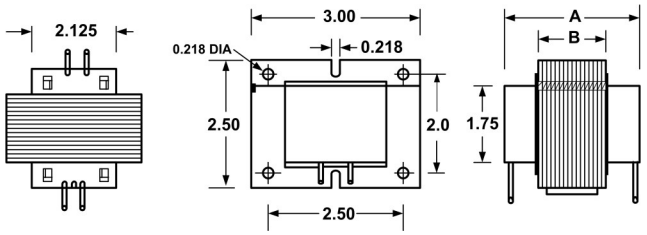
Type HX - Foot Mount, Internally Fused



Type HX - Foot Mount, Integral Circuit Breaker



Type GX - Panel Mount

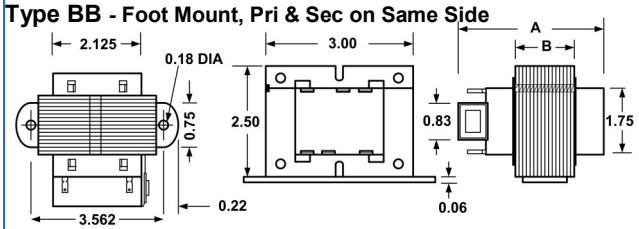


Quick-Connects

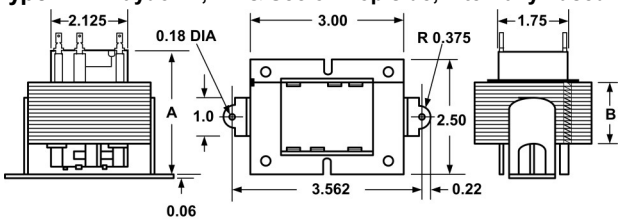
Type BB Foot Mount, Pri & Sec on Same Side - Quick connect terminals with line and load terminations on the same side of transformer.
Type AE Laydown, Pri & Sec on Top Side - Quick connect terminals with line and load terminations on the top of transformer.
Type AB Foot Mount, Pri & Sec on Opposite Side - Quick connect terminals with line and load terminations on opposite sides of transformer

Terminals:
Standard male quick connects - .250 x .032 (6.35 x .81mm).
Other available quick connects - .187 x .032 (4.75 x .81 mm)

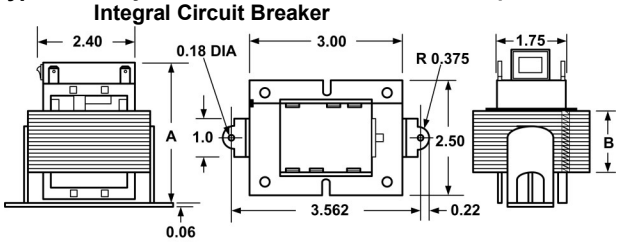
Type BB - Foot Mount, Pri & Sec on Same Side



Type AE - Laydown, Pri & Sec on Top side, Internally Fused



Type AE - Laydown Termination, Pri & Sec on Top Side, Integral Circuit Breaker



Dimensions (Inches)	Internally Fused	w/ Integral Circuit Breaker	Standard Part
A	2.500	3.300	2.500
B	1.000	1.000	1.000

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Class 2 UL5085-3 Transformer
60VA - 75VA, Non-Inherently Energy Limited
Series: CL - Lead Wires & Quick-Connects

Partial Selection Guide

Primary Voltage	Secondary Voltage	60 VA Size - 1.0 X 1.0	UL	75 VA Size - 1.0 X 1.0	UL
208/230	24	CL60H00-000*	✓	CL75J00-000*	✓
	24Vct	CL60H00-0CT*	✓	CL75J00-0CT*	✓
120	24	CL60H01-000*	✓	CL75J01-000*	✓
	24Vct	CL60H01-0CT*	✓	CL75J01-0CT*	✓
277	24	CL60H02-000*	✓	CL75J02-000*	✓
	24Vct	CL60H02-0CT*	✓	CL75J02-0CT*	✓
120/208/240	24	CL60H03-000*	✓	CL75J03-000*	✓
	24Vct	CL60H03-0CT*	✓	CL75J03-0CT*	✓
480	24	CL60H04-000*	✓	CL75J04-000*	✓
	24Vct	CL60H04-0CT*	✓	CL75J04-0CT*	✓
120/208/240/480	24	—	-	CL75J05-000*	✓
	24Vct	—	-	CL75J05-0CT*	✓
600	24	CL60H06-000*	✓	CL75J06-000*	-
	24Vct	CL60H06-0CT*	✓	CL75J06-0CT*	-
277/380/575	24	CL60H08-000*	✓	CL75J08-000*	✓
	24Vct	CL60H08-0CT*	✓	CL75J08-0CT*	✓
380	24	CL60H09-000*	✓	CL75J09-000*	-
	24Vct	CL60H09-0CT*	✓	CL75J09-0CT*	-
277/380/415/480	24	—	-	CL75J14-000*	✓
	24Vct	—	-	CL75J14-0CT*	✓
208/240	24	CL60H15-000*	✓	CL75J15-000*	✓
	12	CL60H50-000*	✓	—	-
	24Vct	CL60H15-0CT*	✓	CL75J15-0CT*	✓
380/415	24	CL60H17-000*	✓	CL75J17-000*	-
	24Vct	CL60H17-0CT*	✓	CL75J17-0CT*	-
575	24	CL60H21-000*	✓	CL75J21-000*	✓
	24Vct	CL60H21-0CT*	✓	CL75J21-0CT*	✓
480/575	24	CL60H30-000*	✓	CL75J30-000*	-
	24Vct	CL60H30-0CT*	✓	CL75J30-0CT*	-
200/230	24	CL60H31-000*	✓	CL75J31-000*	✓
	24Vct	CL60H31-0CT*	✓	CL75J31-0CT*	✓
240	24	CL60H40-000*	✓	CL75J40-000*	✓
	24Vct	CL60H40-0CT*	✓	CL75J40-0CT*	✓
120/277	24	CL60H41-000*	✓	CL75J41-000*	✓
	24Vct	CL60H41-0CT*	✓	CL75J41-0CT*	✓
208/240/480	24	CL60H44-000*	✓	CL75J44-000*	-
	24Vct	CL60H44-0CT*	✓	CL75J44-0CT*	-
208	24	CL60H45-000*	✓	CL75J45-000*	✓
	24Vct	CL60H45-0CT*	✓	CL75J45-0CT*	✓
100	24	CL60H48-000*	✓	CL75J48-000*	✓
	24Vct	CL60H48-0CT*	✓	CL75J48-0CT*	✓
265	24	CL60H52-000*	✓	CL75J52-000*	✓
	24Vct	CL60H52-0CT*	✓	CL75J52-0CT*	✓
208/230/460	24	CL60H54-000*	✓	CL75J54-000*	-
	24Vct	CL60H54-0CT*	✓	CL75J54-0CT*	-
380/460	24	CL60H60-000*	✓	CL75J60-000*	-
	24Vct	CL60H60-0CT*	✓	CL75J60-0CT*	-

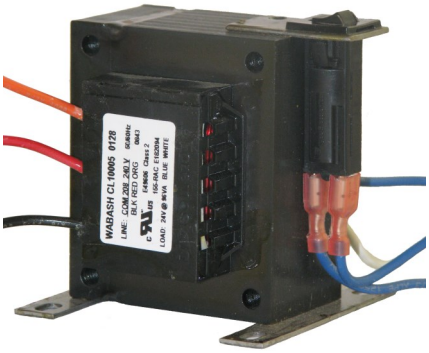
* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.

Lead Wire Details:

Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0 L.O.C (length out of coil) 1/2 strip						
Color	Yellow	Yellow/White	Blue							

Any application, Any requirement, Contact us for our Custom Designs

Class 2 UL5085-3 Transformer
80VA - 100VA, Non-Inherently Energy Limited
Series: CL - Lead Wires



- **Power Rating 80VA to 100VA**
- **Secondary Fusing Required** (Provided by Factory),
- **Frequency 50/60Hz**
- **Insulation Class F (155°C)**
  Class B (130°C) Insulation available

Agency Approvals:

- **UL/cUL 5085-3 Class 2 Recognized (File E49606)**
- **Insulation File No. E95662**

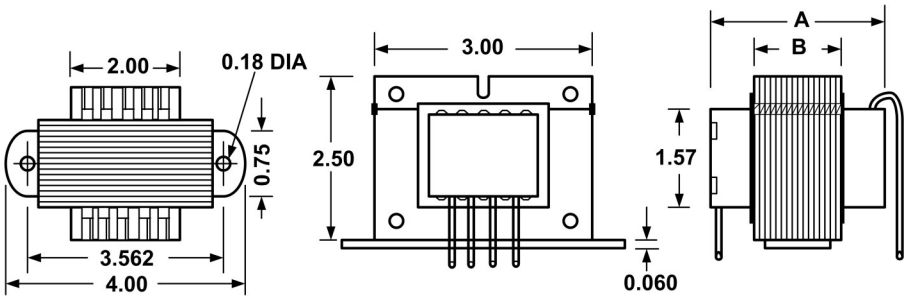
Class 2

** Multi voltage combinations are available - consult factory.*

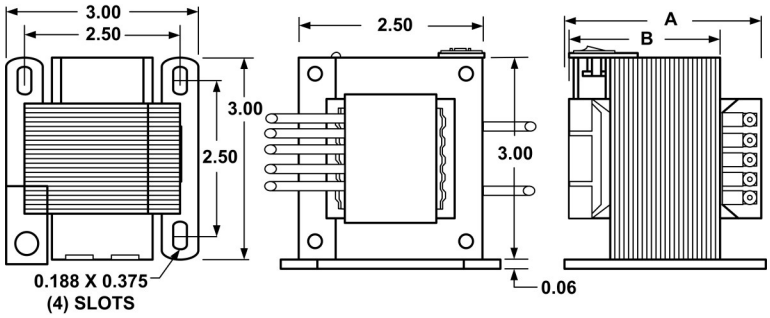
Lead Wires

Type HX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Type VX Foot Mount - Steel bracket welded to the bottom of the laminations for easy mounting
Lead Wires: All leads are 18 AWG stranded 2/64 (0.794 mm) insulation thickness. Standard parts have 12 (305 mm)

Type HX - Foot Mount, Internally Fused



Type VX - Foot Mount, Vertical, Same Side Leads



Dimensions (Inches)	85VA	100VA
A	2.820	2.820
B	1.500	1.500
Weight (Lbs)	2.900	3.300

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Class 2 UL5085-3 Transformer
80VA - 100VA, Non-Inherently Energy Limited
Series: CL - Lead Wires

Class 2

Partial Selection Guide

Primary Voltage	Secondary Voltage	85 VA Size - 1.0 X 1-1/2	UL	100 VA Size - 1.0 X 1-1/2	UL
120	24	CL85R01-000*	✓	CL100K01-000*	✓
	24Vct	CL85R01-0CT*	✓	CL100K01-0CT*	✓
277	24	CL85R02-000*	✓	CL100K02-000*	✓
	24Vct	CL85R02-0CT*	✓	CL100K02-0CT*	✓
480	24	CL85R04-000*	✓	CL100K04-000*	✓
	24Vct	CL85R04-0CT*	✓	CL100K04-0CT*	✓
120/208/240/480	24	CL85R05-000*	✓	CL100K05-000*	✓
	24Vct	CL85R05-0CT*	✓	CL100K05-0CT*	✓
208/240	24	CL85R15-000*	✓	CL100K15-000*	✓
	24Vct	CL85R15-0CT*	✓	CL100K15-0CT*	✓

* Refer to page number 7. Must complete part number to specify voltages, termination, mounting & fusing.
For custom designs 3 digit customer ID will be added at the end of the part number.

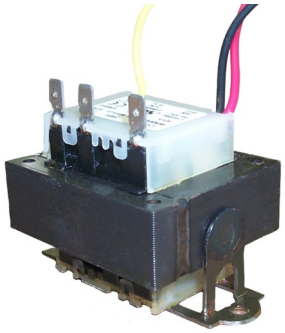
Lead Wire Details:

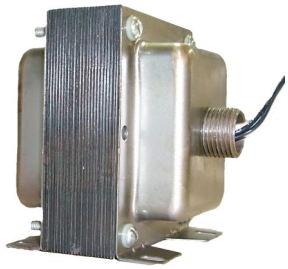
Primary Voltage	COM	110,115,120	200,208,215	220, 230, 240	265, 277	380	400, 415	460, 480	575	600
Color	Black	White	Red	Orange	Brown	Violet	Red/White	Black/Red	Gray	Black/White
Secondary Voltage	COM	12	24	Standard leads: All leads are 12.0 L.O.C (length out of coil) 1/2 strip						
Color	Yellow	Yellow/White	Blue							

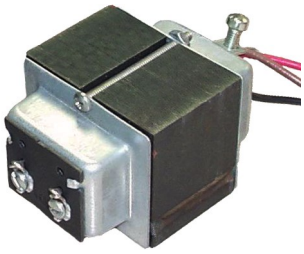
Any application, Any requirement, Contact us for our Custom Designs

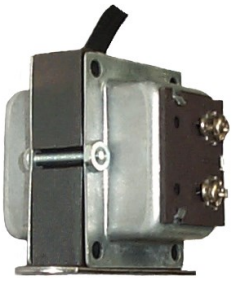
A wide range of designs to meet your requirements





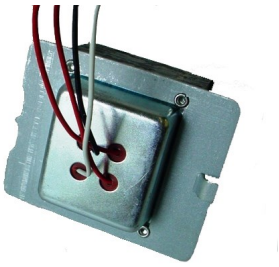


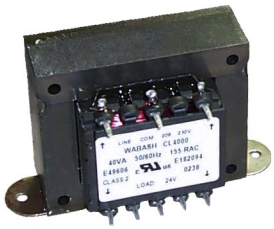












Wabash Transformer offers a wide range of options in construction, mounting, and termination. We can assist you with our 40 years of experience to design a transformer as per your specific needs.
Please refer to our nomenclature page no. 7 for standard voltages and mechanical offerings.

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Class 2

Series VDE





Part Numbering Chart:

This chart illustrates our part numbering system

Example: VDE-25P-10: VDE & Class 2 UL 5085-3 transformer, Dual 115/230V Primary, 25VA, PC Pins, Dual 10V Secondary.

VDE1-25T-10: VDE & Class 2 UL 5088-3 transformer, Single 115V Primary, 25VA, Quick-Connect Terminals, Dual 10V Secondary.
VDE2-25L-10: VDE & Class 2 UL 5085-3 transformer, Single 230V Primary, 25VA, Lead Wires, Dual 10V Secondary.

Note: Specifications and availability subject to change.

Part No.	VDE	X	-XXX	X	-XXX
1. Series:					

2. Primary Voltages

Blank = 115/230 V
1 = 115 V
2 = 230 V

3. VA Rating

	VA		VA
01 =	1.0	43 =	43
025 =	2.5	50 =	50
05 =	5.0	56 =	56
10 =	10	80 =	80
20 =	20	100 =	100
25 =	25	130 =	130
30 =	30	150 =	150
40 =	40	175 =	175

4. Termination:

P = Pin
T = Quick-Connect Terminals (3/16)
L = Lead Wires (All leads are 10” length out of coil with 1/2” strip)
LP= Low Profile

5. Secondary Voltage:

	Series		Series
10 =	10V	24 =	24V
126 =	12.6V	28 =	28V
16 =	16V	36 =	36V
18 =	18V	130 =	130V
20 =	20V		

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WorldTran™

International Power Transformer

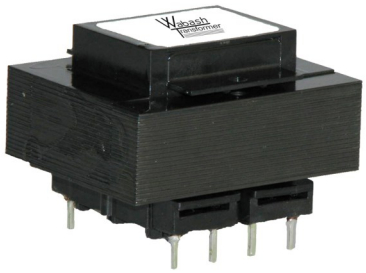
Series: VDE - Printed Circuit Mount

Transformer meets international safety standards by providing high isolation, creepage, clearance, and increased flammability ratings.

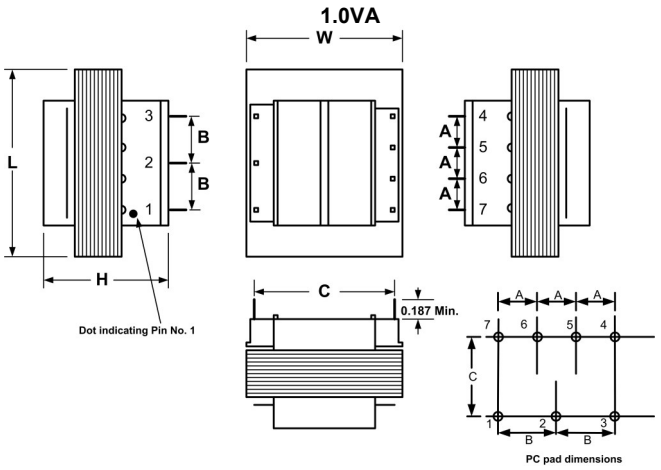
- Power Rating 1VA to 56VA
- Single or Dual Primary, 115V, 230V or 115/230V
- Frequency 50/60Hz
- Series or Parallel Secondary
- Dielectric Strength – 4000 Vrms
- Insulation Class F (155°C)
- Flammability Rating – Bobbin/Shroud UL94V0 or 94H-B

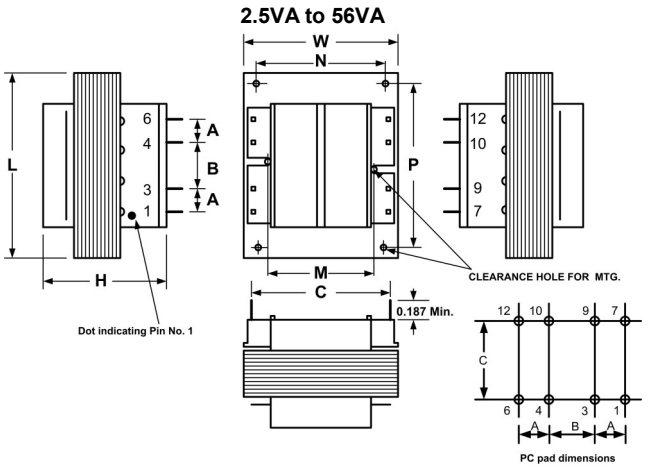
Agency Approvals:

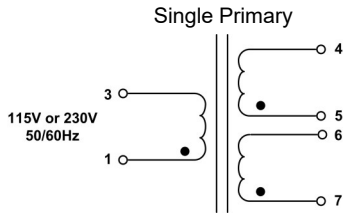
- UL/cUL 5085-2 Recognized (File E47299)
- TUV Licensed (E????????)
- UL/cUL 5085-3 Class 2 Recognized (File E49606)
- Insulation File No. E95662



Class 2

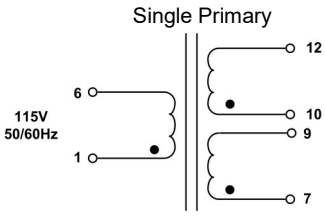


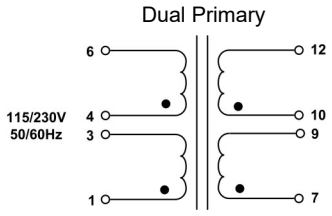




● Indicates Like Polarity

Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.





VA Rating	Dimensions (Inches)						Pin Dimensions	Mtg. Dimensions			Mtg. Screw		Wt. lbs
	L	W	H	A	B	C		M	N	P	Size	Qty	
1	1.38	1.25	0.98	0.200	0.300	0.866	Ø 0.031	-	-	-	-	-	0.15
2.5	1.62	1.31	1.12	0.200	0.250	1.00	0.025 Sq.	1.06	-	-	#4	2	0.25
5	1.62	1.31	1.37	0.200	0.400	1.00	0.025 Sq.	1.06	-	-	#4	2	0.37
10	1.87	1.56	1.37	0.200	0.400	1.14	0.038 Sq.	1.25	-	-	#4	2	0.53
20	2.25	1.87	1.62	0.400	0.400	1.460	0.038 Sq.	1.50	-	-	#4	4	0.90
30LP	2.62	2.18	1.56	0.550	0.275	1.68	0.045 Sq.	-	1.75	2.18	#6	4	1.15
56LP	3.00	2.50	1.81	0.600	0.300	1.87	0.045 Sq.	-	2.00	2.50	#6	4	1.70

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International Power Transformer

Series: VDE - Printed Circuit Mount

Class 2

Partial Selection Guide

All models are TUV approved

VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
1	–	VDE1-01P-10	VDE2-01P-10	10VCT @ 0.100A	5V @ 0.200A	✓
	–	VDE1-01P-126	VDE2-01P-126	12.6VCT @ 0.079A	6.3V @ 0.158A	✓
	–	VDE1-01P-16	VDE2-01P-16	16VCT @ 0.0625A	8V @ 0.125A	✓
	–	VDE1-01P-18	VDE2-01P-18	18VCT @ 0.055A	9V @ 0.111A	✓
	–	VDE1-01P-20	VDE2-01P-20	20VCT @ 0.050A	10V @ 0.100A	✓
	–	VDE1-01P-24	VDE2-01P-24	24VCT @ 0.0416A	12V @ 0.083A	-
	–	VDE1-01P-28	VDE2-01P-28	28VCT @ 0.0357A	14V @ 0.0714A	-
	–	VDE1-01P-36	VDE2-01P-36	36VCT @ 0.0277A	18V @ 0.055A	-
2.5	VDE-025P-10	VDE1-025P-10	VDE2-025P-10	10VCT @ 0.250A	5V @ 0.500A	✓
	VDE-025P-126	VDE1-025P-126	VDE2-025P-126	12.6VCT @ 0.198A	6.3V @ 0.396A	✓
	VDE-025P-16	VDE1-025P-16	VDE2-025P-16	16VCT @ 0.156A	8V @ 0.312A	✓
	VDE-025P-18	VDE1-025P-18	VDE2-025P-18	18VCT @ 0.138A	9V @ 0.277A	✓
	VDE-025P-20	VDE1-025P-20	VDE2-025P-20	20VCT @ 0.125A	10V @ 0.250A	-
	VDE-025P-24	VDE1-025P-24	VDE2-025P-24	24VCT @ 0.104A	12V @ 0.208A	-
	VDE-025P-28	VDE1-025P-28	VDE2-025P-28	28VCT @ 0.089A	14V @ 0.178A	-
	VDE-025P-36	VDE1-025P-36	VDE2-025P-36	36VCT @ 0.069A	18V @ 0.138A	-
5	VDE-05P-10	VDE1-05P-10	VDE2-05P-10	10VCT @ 0.500A	5V @ 1.00A	✓
	VDE-05P-126	VDE1-05P-126	VDE2-05P-126	12.6VCT @ 0.396A	6.3V @ 0.793A	✓
	VDE-05P-16	VDE1-05P-16	VDE2-05P-16	16VCT @ 0.312A	8V @ 0.624A	✓
	VDE-05P-18	VDE1-05P-18	VDE2-05P-18	18VCT @ 0.277A	9V @ 0.555A	✓
	VDE-05P-20	VDE1-05P-20	VDE2-05P-20	20VCT @ 0.250A	10V @ 0.500A	✓
	VDE-05P-24	VDE1-05P-24	VDE2-05P-24	24VCT @ 0.208A	12V @ 0.416A	-
	VDE-05P-28	VDE1-05P-28	VDE2-05P-28	28VCT @ 0.178A	14V @ 0.357A	-
	VDE-05P-36	VDE1-05P-36	VDE2-05P-36	36VCT @ 0.138A	18V @ 0.277A	-
10	VDE-10P-10	VDE1-10P-10	VDE2-10P-10	10VCT @ 1.00A	5V @ 2.00A	✓
	VDE-10P-126	VDE1-10P-126	VDE2-10P-126	12.6VCT @ 0.794A	6.3V @ 1.59A	✓
	VDE-10P-16	VDE1-10P-16	VDE2-10P-16	16VCT @ 0.625A	8V @ 1.25A	✓
	VDE-10P-18	VDE1-10P-18	VDE2-10P-18	18VCT @ 0.555A	9V @ 1.11A	✓
	VDE-10P-20	VDE1-10P-20	VDE2-10P-20	20VCT @ 0.500A	10V @ 1.00A	✓
	VDE-10P-24	VDE1-10P-24	VDE2-10P-24	24VCT @ 0.416A	12V @ 0.833A	-
	VDE-10P-28	VDE1-10P-28	VDE2-10P-28	28VCT @ 0.357A	14V @ 0.714A	-
	VDE-10P-36	VDE1-10P-36	VDE2-10P-36	36VCT @ 0.277A	18V @ 0.555A	-

Continued...

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Class 2

Partial Selection Guide (Continued)

All models are TUV approved

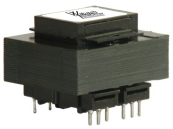
VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
20	VDE-20P-10	VDE1-20P-10	VDE2-20P-10	10VCT @ 2.00A	5V @ 4.00A	✓
	VDE-20P-126	VDE1-20P-126	VDE2-20P-126	12.6VCT @ 1.58A	6.3V @ 3.16A	✓
	VDE-20P-16	VDE1-20P-16	VDE2-20P-16	16VCT @ 1.25A	8V @ 2.50A	✓
	VDE-20P-18	VDE1-20P-18	VDE2-20P-18	20VCT @ 1.11A	9V @ 2.22A	✓
	VDE-20P-20	VDE1-20P-20	VDE2-20P-20	24VCT @ 1.00A	10V @ 2.00A	✓
	VDE-20P-24	VDE1-20P-24	VDE2-20P-24	24VCT @ 0.833A	12V @ 1.67A	✓
	VDE-20P-28	VDE1-20P-28	VDE2-20P-28	28VCT @ 0.714A	14V @ 1.42A	-
	VDE-20P-36	VDE1-20P-36	VDE2-20P-36	36VCT @ 0.555A	18V @ 1.11A	-
30LP	VDE-30LP-10	VDE1-30LP-10	VDE2-30LP-10	10VCT @ 3.0A	5V @ 6.0A	-
	VDE-30LP-126	VDE1-30LP-126	VDE2-30LP-126	12.6VCT @ 2.38A	6.3V @ 4.76A	✓
	VDE-30LP-16	VDE1-30LP-16	VDE2-30LP-16	16VCT @ 1.875A	8V @ 3.75A	✓
	VDE-30LP-18	VDE1-30LP-18	VDE2-30LP-18	18VCT @ 1.66A	9V @ 3.33A	✓
	VDE-30LP-20	VDE1-30LP-20	VDE2-30LP-20	20VCT @ 1.50A	10V @ 3.0A	✓
	VDE-30LP-24	VDE1-30LP-24	VDE2-30LP-24	24VCT @ 1.25A	12V @ 2.5A	✓
	VDE-30LP-28	VDE1-30LP-28	VDE2-30LP-28	28VCT @ 1.07A	14V @ 2.14A	-
	VDE-30LP-36	VDE1-30LP-36	VDE2-30LP-36	36VCT @ 0.833A	18V @ 1.66A	-
56LP	VDE-56LP-10	VDE1-56LP-10	VDE2-56LP-10	10VCT @ 5.6A	5V @ 11.2A	-
	VDE-56LP-126	VDE1-56LP-126	VDE2-56LP-126	12.6VCT @ 4.44A	6.3V @ 8.88A	-
	VDE-56LP-16	VDE1-56LP-16	VDE2-56LP-16	16VCT @ 3.50A	8V @ 7.00A	-
	VDE-56LP-18	VDE1-56LP-18	VDE2-56LP-18	18VCT @ 3.11A	9V @ 6.22A	-
	VDE-56LP-20	VDE1-56LP-20	VDE2-56LP-20	20VCT @ 2.80A	10V @ 5.60A	-
	VDE-56LP-24	VDE1-56LP-24	VDE2-56LP-24	24VCT @ 2.33A	12V @ 4.66A	✓
	VDE-56LP-28	VDE1-56LP-28	VDE2-56LP-28	28VCT @ 2.00A	14V @ 4.00A	-
	VDE-56LP-36	VDE1-56LP-36	VDE2-56LP-36	36VCT @ 1.55A	18V @ 3.11A	-

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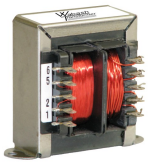
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Wabash Transformer

A PowerVolt Company









Efficient

Reliable

Economical

International Transformers

- Up to 10 VA
- Frequency 50/60 Hz
- Approved for International Market, TUV Licensed (E ??????????)
- Pre-engineered & Custom Designs

International Power Transformer

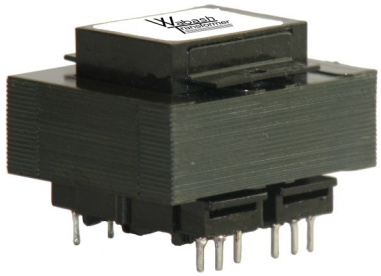
Series: VDE - Printed Circuit Mount, Full Shroud

- Power Rating 25VA to 56VA
- Single or Dual Primary, 115V, 230V or 115/230V
- Frequency 50/60Hz
- Series or Parallel Secondary
- Dielectric Strength – 4000 Vrms
- Insulation Class F (155°C)
- Flammability Rating – Bobbin/Shroud UL94V0 or 94H-B

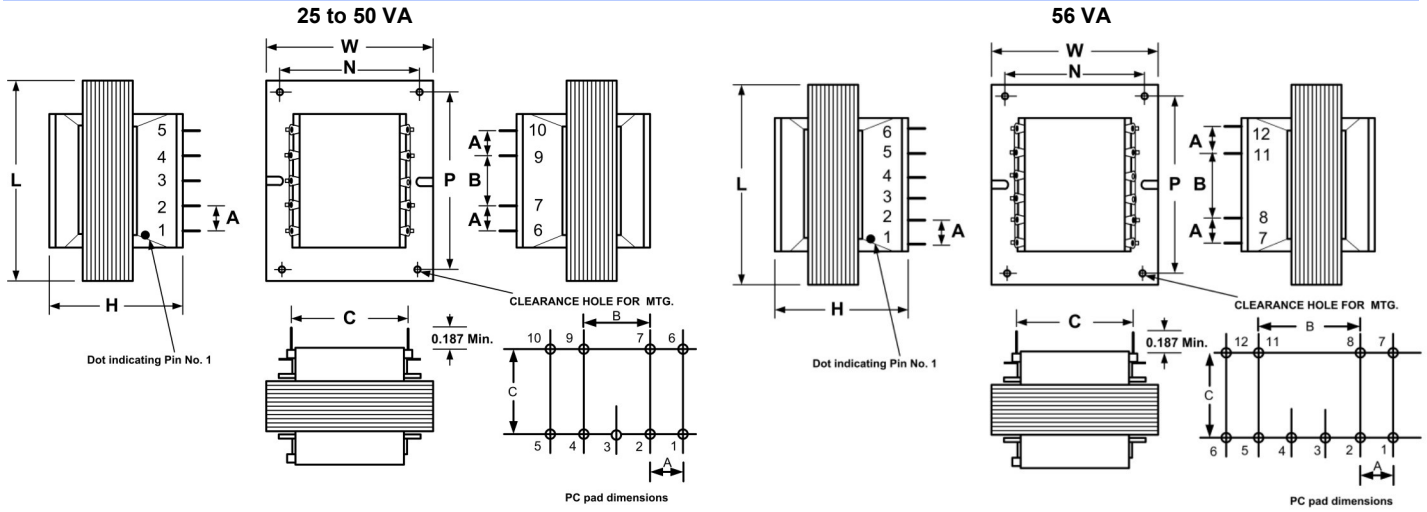
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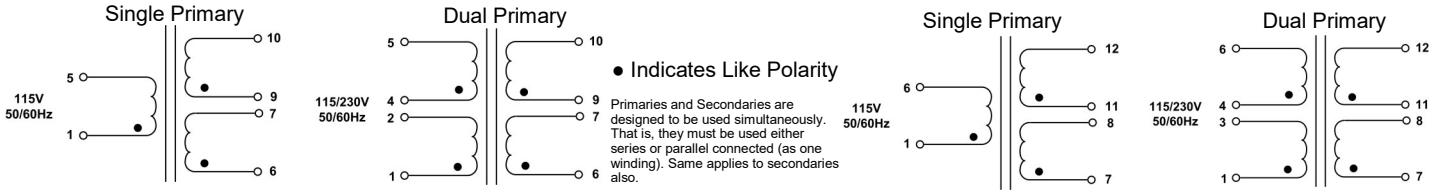
- UL/cUL 5085-2 Recognized (File E47299)
- TUV Licensed (E????????)
- UL/cUL 5085-3 Class 2 Recognized (File E49606)
- Insulation File No. E95662

Transformer meets international safety standards by providing high isolation, creepage, clearance, and increased flammability ratings. Use in low power applications.



Class 2





VA Rating	Dimensions (Inches)						Pin Dim. W X THK.	Mounting Dim.		Mtg. Screw		Wt. lbs
	L	W	H	A	B	C		N	P	Size	Qty	
25	2.25	1.87	1.96	0.300	0.600	1.22	0.06 X 0.02	1.50	1.875	#4	2	1.10
30	2.25	1.87	1.96	0.300	0.600	1.22	0.06 X 0.02	1.50	1.875	#4	2	1.15
40	2.62	2.18	1.94	0.300	0.600	1.40	0.06 X 0.02	1.75	2.188	#6	4	1.36
43	2.62	2.18	2.07	0.300	0.600	1.40	0.06 X 0.02	1.75	2.188	#6	4	1.64
50	2.62	2.18	2.32	0.300	0.600	1.50	0.06 X 0.02	1.75	2.188	#6	4	1.85
56	3.00	2.50	2.18	0.300	0.900	1.59	0.06 X 0.02	2.00	2.580	#6	4	2.09

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International Power Transformer

Series: VDE - Printed Circuit Mount, Full Shroud

Class 2

Partial Selection Guide

All models are TUV approved

VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
25	VDE-25P-10	VDE1-25P-10	VDE2-25P-10	10VCT @ 2.50A	5V @ 5.0A	✓
	VDE-25P-126	VDE1-25P-126	VDE2-25P-126	12.6VCT @ 1.98A	6.3V @ 3.96A	✓
	VDE-25P-16	VDE1-25P-16	VDE2-25P-16	16VCT @ 1.56A	8V @ 3.12A	✓
	VDE-25P-18	VDE1-25P-18	VDE2-25P-18	18VCT @ 1.39A	9V @ 2.78A	✓
	VDE-25P-20	VDE1-25P-20	VDE2-25P-20	20VCT @ 1.25A	10V @ 2.50A	✓
	VDE-25P-24	VDE1-25P-24	VDE2-25P-24	24VCT @ 1.04A	12V @ 2.08A	✓
	VDE-25P-28	VDE1-25P-28	VDE2-25P-28	28VCT @ 0.892A	14V @1.78A	-
	VDE-25P-36	VDE1-25P-36	VDE2-25P-36	36VCT @ 0.694A	18V @ 1.38A	-
30	VDE-30P-10	VDE1-30P-10	VDE2-30P-10	10VCT @ 3.0A	5V @ 6.0A	-
	VDE-30P-126	VDE1-30P-126	VDE2-30P-126	12.6VCT @ 2.38A	6.3V @ 4.76A	✓
	VDE-30P-16	VDE1-30P-16	VDE2-30P-16	16VCT @ 1.87A	8V @ 3.74A	✓
	VDE-30P-18	VDE1-30P-18	VDE2-30P-18	18VCT @ 1.66A	9V @ 3.33A	✓
	VDE-30P-20	VDE1-30P-20	VDE2-30P-20	20VCT @ 1.5A	10V @ 3.0A	✓
	VDE-30P-24	VDE1-30P-24	VDE2-30P-24	24VCT @ 1.25A	12V @ 2.5A	✓
	VDE-30P-28	VDE1-30P-28	VDE2-30P-28	28VCT @ 1.07A	14V @ 2.14A	-
	VDE-30P-36	VDE1-30P-36	VDE2-30P-36	36VCT @ 0.833A	18V @ 1.67A	-
40	VDE-40P-10	VDE1-40P-10	VDE2-40P-10	10VCT @ 4.0A	5V @ 8.00A	-
	VDE-40P-126	VDE1-40P-126	VDE2-40P-126	12.6VCT @ 3.17A	6.3V @ 6.34A	✓
	VDE-40P-16	VDE1-40P-16	VDE2-40P-16	16VCT @ 2.5A	8V @ 5.00A	✓
	VDE-40P-18	VDE1-40P-18	VDE2-40P-18	18VCT @ 2.22A	9V @ 4.44A	✓
	VDE-40P-20	VDE1-40P-20	VDE2-40P-20	20VCT @ 2.0A	10V @ 4.00A	✓
	VDE-40P-24	VDE1-40P-24	VDE2-40P-24	24VCT @ 1.66A	12V @ 3.33A	✓
	VDE-40P-28	VDE1-40P-28	VDE2-40P-28	28VCT @ 1.42A	14V @ 2.84A	-
	VDE-40P-36	VDE1-40P-36	VDE2-40P-36	36VCT @ 1.11A	18V @ 2.22A	-
43	VDE-43P-10	VDE1-43P-10	VDE2-43P-10	10VCT @ 4.30A	5V @ 8.60A	-
	VDE-43P-126	VDE1-43P-126	VDE2-43P-126	12.6VCT @ 3.41A	6.3V @ 6.82A	✓
	VDE-43P-16	VDE1-43P-16	VDE2-43P-16	16VCT @ 2.68A	8V @ 5.38A	✓
	VDE-43P-18	VDE1-43P-18	VDE2-43P-18	18VCT @ 2.38A	9V @ 4.77A	✓
	VDE-43P-20	VDE1-43P-20	VDE2-43P-20	20VCT @ 2.15A	10V @ 4.30A	✓
	VDE-43P-24	VDE1-43P-24	VDE2-43P-24	24VCT @ 1.79A	12V @ 3.58A	-
	VDE-43P-28	VDE1-43P-28	VDE2-43P-28	28VCT @ 1.53A	14V @ 3.07A	-
	VDE-43P-36	VDE1-43P-36	VDE2-43P-36	36VCT @ 1.19A	18V @ 2.38A	-
	VDE-43P-230	VDE1-43P-230	VDE2-43P-230	230VCT @ 0.186A	115V @ 0.373A	-
50	VDE-50P-10	VDE1-50P-10	VDE2-50P-10	10VCT @ 5.0A	5V @ 10.0A	-
	VDE-50P-126	VDE1-50P-126	VDE2-50P-126	12.6VCT @ 3.96A	6.3V @ 7.93A	-
	VDE-50P-16	VDE1-50P-16	VDE2-50P-16	16VCT @ 3.12A	8V @ 6.25A	-
	VDE-50P-18	VDE1-50P-18	VDE2-50P-18	18VCT @ 2.77A	9V @ 5.55A	-
	VDE-50P-20	VDE1-50P-20	VDE2-50P-20	20VCT @ 2.50A	10V @ 5.0A	✓
	VDE-50P-24	VDE1-50P-24	VDE2-50P-24	24VCT @ 2.08A	12V @ 4.16A	✓
	VDE-50P-28	VDE1-50P-28	VDE2-50P-28	28VCT @ 1.78A	14V @ 3.56A	-
	VDE-50P-36	VDE1-50P-36	VDE2-50P-36	36VCT @ 1.38A	18V @ 2.76A	-
	VDE-50P-230	VDE1-50P-230	VDE2-50P-230	230VCT @ 0.217A	115V @ 0.434A	-
56	VDE-56P-10	VDE1-56P-10	VDE2-56P-10	10VCT @ 5.6A	5V @ 11.2A	-
	VDE-56P-126	VDE1-56P-126	VDE2-56P-126	12.6VCT @ 4.44A	6.3V @ 8.88A	-
	VDE-56P-16	VDE1-56P-16	VDE2-56P-16	16VCT @ 3.50A	8V @ 7.00A	-
	VDE-56P-18	VDE1-56P-18	VDE2-56P-18	18VCT @ 3.11A	9V @ 6.22A	-
	VDE-56P-20	VDE1-56P-20	VDE2-56P-20	20VCT @ 2.80A	10V @ 5.60A	-
	VDE-56P-24	VDE1-56P-24	VDE2-56P-24	24VCT @ 2.33A	12V @ 4.66A	✓
	VDE-56P-28	VDE1-56P-28	VDE2-56P-28	28VCT @ 2.00A	14V @ 4.00A	-
	VDE-56P-36	VDE1-56P-36	VDE2-56P-36	36VCT @ 1.55A	18V @ 3.11A	-
	VDE-56P-230	VDE1-56P-230	VDE2-56P-230	230VCT @ 0.243A	115V @ 486A	-

Any application, Any requirement, Contact us for our Custom Designs

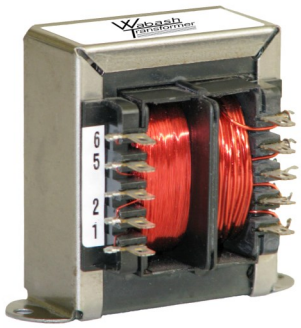
WorldTran™

International Power Transformer

Series: VDE - Quick-Connect Terminals

Transformer meets international safety standards by providing high isolation, creepage, clearance, and increased flammability ratings. Chassis Mounting style.

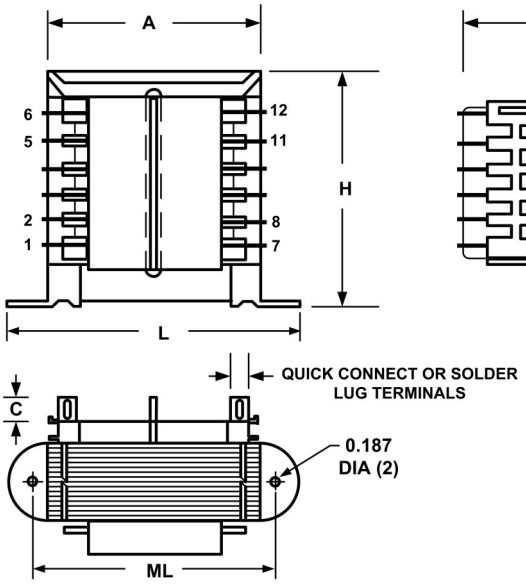
- Power Rating 10VA to 56VA
- Single or Dual Primary, 115V, 230V or 115/230V
- Frequency 50/60Hz
- Series or Parallel Secondary
- Dielectric Strength – 4000 Vrms
- Insulation Class F (155°C)
- Flammability Rating – Bobbin/Shroud UL94V0 or 94H-B

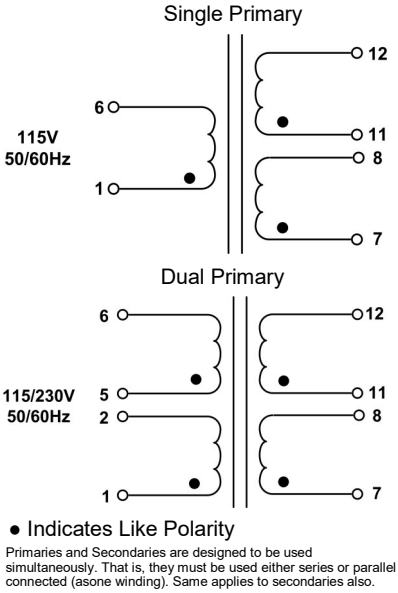


Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- TUV Licensed (E????????)
- UL/cUL 5085-3 Class 2 Recognized (File E49606)
- Insulation File No. E95662

Class 2





● Indicates Like Polarity

Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (asone winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)								Mounting Screw		Wt. lbs
	L	W	H	A	B	C	Terminals	ML	Size	Qty	
10	2.81	1.88	1.98	1.61	0.71	0.41	0.187	2.37	-	-	0.56
20	2.81	2.08	2.31	2.00	0.78	0.41	0.187	2.37	-	-	0.90
25	2.81	2.14	2.31	2.00	1.12	0.31	0.187	2.37	#6	2	1.25
30	2.81	2.14	2.31	2.00	1.12	0.31	0.187	2.37	#6	2	1.25
40	3.12	2.22	2.68	2.25	0.92	0.41	0.187	2.81	#6	2	1.6
43	3.12	2.14	2.68	2.25	1.37	0.31	0.187	2.81	#6	2	1.6
50	3.12	2.68	2.68	2.25	1.28	0.41	0.187	2.81	#6	2	1.87
56	4.00	2.62	3.06	2.56	1.03	0.41	0.187	3.56	#6	2	2.05

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Class 2

Partial Selection Guide

All models are TUV approved

VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
10	VDE-10T-10	VDE1-10T-10	VDE2-10T-10	10VCT @ 1.00A	5V @ 2.00A	✓
	VDE-10T-126	VDE1-10T-126	VDE2-10T-126	12.6VCT @ 794mA	6.3V @ 1.59A	✓
	VDE-10T-16	VDE1-10T-16	VDE2-10T-16	16VCT @ 625mA	8V @ 1.25A	✓
	VDE-10T-18	VDE1-10T-18	VDE2-10T-18	18VCT @ 555mA	9V @ 1.11A	✓
	VDE-10T-20	VDE1-10T-20	VDE2-10T-20	20VCT @ 500mA	10V @ 1.00A	✓
	VDE-10T-24	VDE1-10T-24	VDE2-10T-24	24VCT @ 416mA	12V @ 833mA	-
	VDE-10T-28	VDE1-10T-28	VDE2-10T-28	28VCT @ 357mA	14V @ 714mA	-
	VDE-10T-36	VDE1-10T-36	VDE2-10T-36	36VCT @ 277mA	18V @ 555mA	-
20	VDE-20T-10	VDE1-20T-10	VDE2-20T-10	10VCT @ 2.00A	5V @ 4.00A	✓
	VDE-20T-126	VDE1-20T-126	VDE2-20T-126	12.6VCT @ 1.58A	6.3V @ 3.16A	✓
	VDE-20T-16	VDE1-20T-16	VDE2-20T-16	16VCT @ 1.25A	8V @ 2.50A	✓
	VDE-20T-18	VDE1-20T-18	VDE2-20T-18	18VCT @ 1.11A	9V @ 2.22A	✓
	VDE-20T-20	VDE1-20T-20	VDE2-20T-20	20VCT @ 1.00A	10V @ 2.00A	✓
	VDE-20T-24	VDE1-20T-24	VDE2-20T-24	24VCT @ 833mA	12V @ 1.67A	✓
	VDE-20T-28	VDE1-20T-28	VDE2-20T-28	28VCT @ 714mA	14V @ 1.42A	-
	VDE-20T-36	VDE1-20T-36	VDE2-20T-36	36VCT @ 555mA	18V @ 1.11A	-
25	VDE-25T-10	VDE1-25T-10	VDE2-25T-10	10VCT @ 2.50A	5V @ 5.00A	✓
	VDE-25T-126	VDE1-25T-126	VDE2-25T-126	12.6VCT @ 1.98A	6.3V @ 3.96A	✓
	VDE-25T-16	VDE1-25T-16	VDE2-25T-16	16VCT @ 1.56A	8V @ 3.12A	✓
	VDE-25T-18	VDE1-25T-18	VDE2-25T-18	18VCT @ 1.39A	9V @ 2.78A	✓
	VDE-25T-20	VDE1-25T-20	VDE2-25T-20	20VCT @ 1.25A	10V @ 2.50A	✓
	VDE-25T-24	VDE1-25T-24	VDE2-25T-24	24VCT @ 1.04A	12V @ 2.08A	✓
	VDE-25T-28	VDE1-25T-28	VDE2-25T-28	28VCT @ 892mA	14V @ 1.78A	-
	VDE-25T-36	VDE1-25T-36	VDE2-25T-36	36VCT @ 694mA	18V @ 1.38A	-
30	VDE-30T-10	VDE1-30T-10	VDE2-30T-10	10VCT @ 3.00A	5V @ 6.00A	-
	VDE-30T-126	VDE1-30T-126	VDE2-30T-126	12.6VCT @ 2.38A	6.3V @ 4.76A	✓
	VDE-30T-16	VDE1-30T-16	VDE2-30T-16	16VCT @ 1.87A	8V @ 3.74A	✓
	VDE-30T-18	VDE1-30T-18	VDE2-30T-18	18VCT @ 1.66A	9V @ 3.33A	✓
	VDE-30T-20	VDE1-30T-20	VDE2-30T-20	20VCT @ 1.50A	10V @ 3.00A	✓
	VDE-30T-24	VDE1-30T-24	VDE2-30T-24	24VCT @ 1.25A	12V @ 2.50A	✓
	VDE-30T-28	VDE1-30T-28	VDE2-30T-28	28VCT @ 1.07A	14V @ 2.14A	-
	VDE-30T-36	VDE1-30T-36	VDE2-30T-36	36VCT @ 833mA	18V @ 1.66A	-

Continued...

Any application, Any requirement, Contact us for our Custom Designs

International Power Transformer

Series: VDE - Quick-Connect Terminals

Class 2

Partial Selection Guide (Continued)

All models are TUV approved

VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
40	VDE-40T-10	VDE1-40T-10	VDE2-40T-10	10VCT @ 4.00A	5V @ 8.00A	-
	VDE-40T-126	VDE1-40T-126	VDE2-40T-126	12.6VCT @ 3.17A	6.3V @ 6.34A	✓
	VDE-40T-16	VDE1-40T-16	VDE2-40T-16	16VCT @ 2.50A	8V @ 5.00A	✓
	VDE-40T-18	VDE1-40T-18	VDE2-40T-18	18VCT @ 2.22A	9V @ 4.44A	✓
	VDE-40T-20	VDE1-40T-20	VDE2-40T-20	20VCT @ 2.00A	10V @ 4.00A	✓
	VDE-40T-24	VDE1-40T-24	VDE2-40T-24	24VCT @ 1.66A	12V @ 3.34A	✓
	VDE-40T-28	VDE1-40T-28	VDE2-40T-28	28VCT @ 1.42A	14V @ 2.86A	-
	VDE-40T-36	VDE1-40T-36	VDE2-40T-36	36VCT @ 1.11A	18V @ 2.22A	-
43	VDE-43T-10	VDE1-43T-10	VDE2-43T-10	10VCT @ 4.30A	5V @ 8.60A	-
	VDE-43T-126	VDE1-43T-126	VDE2-43T-126	12.6VCT @ 3.41A	6.3V @ 6.82A	✓
	VDE-43T-16	VDE1-43T-16	VDE2-43T-16	16VCT @ 2.68A	8V @ 5.37A	✓
	VDE-43T-18	VDE1-43T-18	VDE2-43T-18	18VCT @ 2.38A	9V @ 4.76A	✓
	VDE-43T-20	VDE1-43T-20	VDE2-43T-20	20VCT @ 2.15A	10V @ 4.30A	✓
	VDE-43T-24	VDE1-43T-24	VDE2-43T-24	24VCT @ 1.79A	12V @ 3.58A	-
	VDE-43T-28	VDE1-43T-28	VDE2-43T-28	28VCT @ 1.53A	14V @ 3.06A	-
	VDE-43T-36	VDE1-43T-36	VDE2-43T-36	36VCT @ 1.19A	18V @ 2.38A	-
	VDE-43T-230	VDE1-43T-230	VDE2-43T-230	230VCT @ 186mA	115V @ 372mA	-
50	VDE-50T-10	VDE1-50T-10	VDE2-50T-10	10VCT @ 5.0A	5V @ 10.00A	-
	VDE-50T-126	VDE1-50T-126	VDE2-50T-126	12.6VCT @ 4.00A	6.3V @ 7.93A	-
	VDE-50T-16	VDE1-50T-16	VDE2-50T-16	16VCT @ 3.12A	8V @ 6.25A	-
	VDE-50T-18	VDE1-50T-18	VDE2-50T-18	18VCT @ 2.77A	9V @ 5.55A	-
	VDE-50T-20	VDE1-50T-20	VDE2-50T-20	20VCT @ 2.50A	10V @ 5.00A	✓
	VDE-50T-24	VDE1-50T-24	VDE2-50T-24	24VCT @ 2.08A	12V @ 4.16A	✓
	VDE-50T-28	VDE1-50T-28	VDE2-50T-28	28VCT @ 1.78A	14V @ 3.56A	-
	VDE-50T-36	VDE1-50T-36	VDE2-50T-36	36VCT @ 1.38A	18V @ 2.76A	-
	VDE-50T-230	VDE1-50T-230	VDE2-50T-230	230VCT @ 217mA	115V @ 434mA	-
56	VDE-56T-10	VDE1-56T-10	VDE2-56T-10	10VCT @ 5.60A	5V @ 11.2A	-
	VDE-56T-126	VDE1-56T-126	VDE2-56T-126	12.6VCT @ 4.44A	6.3V @ 8.88A	-
	VDE-56T-16	VDE1-56T-16	VDE2-56T-16	16VCT @ 3.50A	8V @ 7.00A	-
	VDE-56T-18	VDE1-56T-18	VDE2-56T-18	18VCT @ 3.11A	9V @ 6.22A	-
	VDE-56T-20	VDE1-56T-20	VDE2-56T-20	20VCT @ 2.80A	10V @ 5.60A	-
	VDE-56T-24	VDE1-56T-24	VDE2-56T-24	24VCT @ 2.33A	12V @ 4.66A	✓
	VDE-56T-28	VDE1-56T-28	VDE2-56T-28	28VCT @ 2.00A	14V @ 4.00A	-
	VDE-56T-36	VDE1-56T-36	VDE2-56T-36	36VCT @ 1.55A	18V @ 3.11A	-
	VDE-56T-230	VDE1-56T-230	VDE2-56T-230	230VCT @ 243mA	115V @ 486mA	-

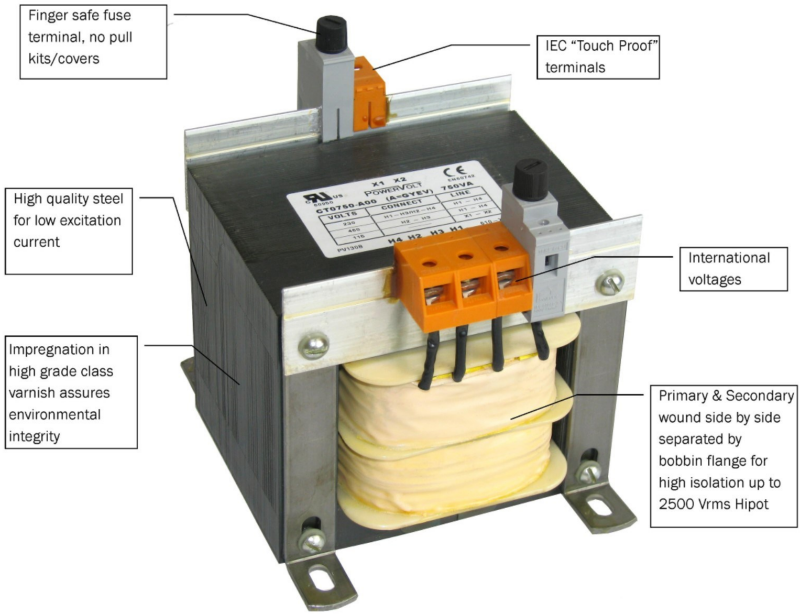
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Control Transformers

Series CT





Machine Tool Control Transformers

- **25 - 1500VA Power Rating**
- **High Inrush Current Capability**
- **International Input/Output Voltages**
- **Finger-safe Terminals**
- **Primary / Secondary fuses (optional)**
- **UL, CSA, CE marked**

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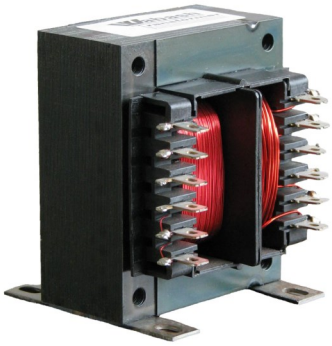
WorldTran™

International Power Transformer

Series: VDE - Quick-Connect Terminals

Transformer meets international safety standards by providing high isolation, creepage, clearance, and increased flammability ratings. Chassis Mounting style.

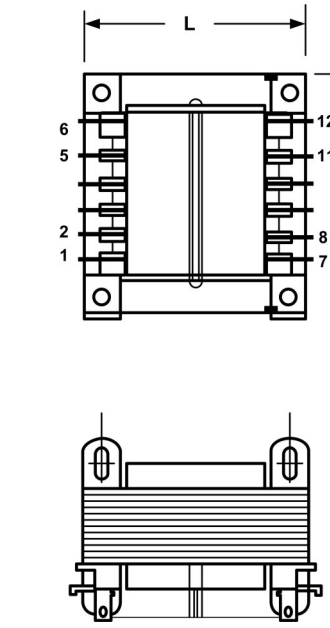
- **Power Rating 80VA to 175VA**
- **Single or Dual Primary, 115V, 230V or 115/230V**
- **Frequency 50/60Hz**
- **Series or Parallel Secondary**
- **Dielectric Strength – 4000 Vrms**
- **Insulation Class F (155°C)**
- **Flammability Rating – Bobbin/Shroud UL94V0 or 94H-B**

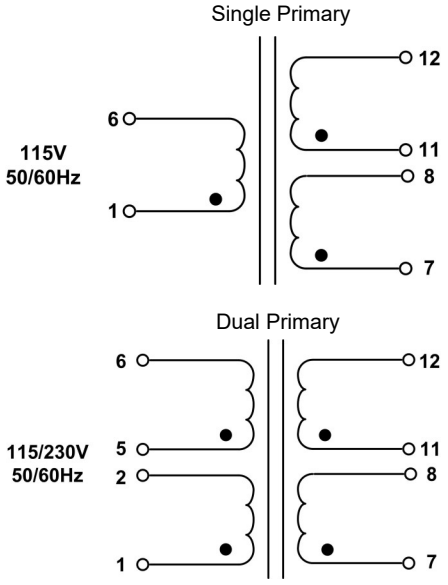


Agency Approvals:

- **UL/cUL 5085-2 Recognized (File E47299)**
- **TUV Licensed (E????????)**
- **Insulation File No. E95662**

Class 2





● Indicates Like Polarity

Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (asone winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)					Terminals	Mtg. Dimension		Mtg. Screw	Wt. lbs
	L	W	H	B	C		ML	MW		
80	2.5	2.52	3.00	1.25	0.31	0.187	2.00	2.50	#6	2.80
100	2.81	3.00	3.37	1.50	0.37	0.250	2.25	2.50	#8	4.10
130	2.81	3.00	3.37	1.50	0.37	0.250	2.25	2.50	#8	4.10
150	3.12	3.14	3.83	1.50	0.37	0.250	2.50	2.50	#8	5.50
175	3.12	3.14	3.83	1.50	0.37	0.250	2.50	2.50	#8	5.50

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Series: VDE - Quick-Connect Terminals

Partial Selection Guide

All models are TUV approved

VA	Part Number			Secondary	
	115/230V	115V	230V	Series	Parallel
80	VDE-80T-10	VDE1-80T-10	VDE2-80T-10	10VCT @ 8.00A	5V @ 16.00A
	VDE-80T-126	VDE1-80T-126	VDE2-80T-126	12.6VCT @ 6.34A	6.3V @ 12.69A
	VDE-80T-16	VDE1-80T-16	VDE2-80T-16	16VCT @ 5.00A	8V @ 10.00A
	VDE-80T-18	VDE1-80T-18	VDE2-80T-18	18VCT @ 4.44A	9V @ 8.88A
	VDE-80T-20	VDE1-80T-20	VDE2-80T-20	20VCT @ 4.00A	10V @ 8.00A
	VDE-80T-24	VDE1-80T-24	VDE2-80T-24	24VCT @ 3.33A	12V @ 6.66A
	VDE-80T-28	VDE1-80T-28	VDE2-80T-28	28VCT @ 2.85A	14V @ 5.70A
	VDE-80T-36	VDE1-80T-36	VDE2-80T-36	36VCT @ 2.22A	18V @ 4.44A
	VDE-80T-230	VDE1-80T-230	VDE2-80T-230	230VCT @ 0.347A	115V @ 0.695A
100	VDE-100T-10	VDE1-100T-10	VDE2-100T-10	10VCT @ 10.0A	5V @ 20.00A
	VDE-100T-126	VDE1-100T-126	VDE2-100T-126	12.6VCT @ 7.93A	6.3V @ 15.8A
	VDE-100T-16	VDE1-100T-16	VDE2-100T-16	16VCT @ 6.25A	8V @ 12.50A
	VDE-100T-18	VDE1-100T-18	VDE2-100T-18	18VCT @ 5.55A	9V @ 11.11A
	VDE-100T-20	VDE1-100T-20	VDE2-100T-20	20VCT @ 5.00A	10V @ 10.00A
	VDE-100T-24	VDE1-100T-24	VDE2-100T-24	24VCT @ 4.16A	12V @ 8.33A
	VDE-100T-28	VDE1-100T-28	VDE2-100T-28	28VCT @ 3.57A	14V @ 7.14A
	VDE-100T-36	VDE1-100T-36	VDE2-100T-36	36VCT @ 2.77A	18V @ 5.55A
	VDE-100T-230	VDE1-100T-230	VDE2-100T-230	230VCT @ 0.434A	115V @ 0.869A
130	VDE-130T-10	VDE1-130T-10	VDE2-130T-10	10VCT @ 13.0A	5V @ 26.0A
	VDE-130T-126	VDE1-130T-126	VDE2-130T-126	12.6VCT @ 10.31A	6.3V @ 20.62A
	VDE-130T-16	VDE1-130T-16	VDE2-130T-16	16VCT @ 8.125A	8V @ 16.25A
	VDE-130T-18	VDE1-130T-18	VDE2-130T-18	18VCT @ 7.22A	9V @ 14.44A
	VDE-130T-20	VDE1-130T-20	VDE2-130T-20	20VCT @ 6.50A	10V @ 13.00A
	VDE-130T-24	VDE1-130T-24	VDE2-130T-24	24VCT @ 5.41A	12V @ 10.83A
	VDE-130T-28	VDE1-130T-28	VDE2-130T-28	28VCT @ 4.64A	14V @ 9.28A
	VDE-130T-36	VDE1-130T-36	VDE2-130T-36	36VCT @ 3.61A	18V @ 7.22A
	VDE-130T-230	VDE1-130T-230	VDE2-130T-230	230VCT @ 0.565A	115V @ 1.13 A
150	VDE-150T-10	VDE1-150T-10	VDE2-150T-10	10VCT @ 15.0A	5V @ 30.00A
	VDE-150T-126	VDE1-150T-126	VDE2-150T-126	12.6VCT @ 11.90A	6.3V @ 23.80A
	VDE-150T-16	VDE1-150T-16	VDE2-150T-16	16VCT @ 9.375A	8V @ 18.75A
	VDE-150T-18	VDE1-150T-18	VDE2-150T-18	18VCT @ 8.33A	9V @ 16.66A
	VDE-150T-20	VDE1-150T-20	VDE2-150T-20	20VCT @ 7.50A	10V @ 15.00A
	VDE-150T-24	VDE1-150T-24	VDE2-150T-24	24VCT @ 6.25A	12V @ 12.50A
	VDE-150T-28	VDE1-150T-28	VDE2-150T-28	28VCT @ 5.35A	14V @ 10.71A
	VDE-150T-36	VDE1-150T-36	VDE2-150T-36	36VCT @ 4.16A	18V @ 8.33A
	VDE-150T-230	VDE1-150T-230	VDE2-150T-230	230VCT @ 0.652A	115V @ 1.30A
175	VDE-175T-10	VDE1-175T-10	VDE2-175T-10	10VCT @ 17.50A	5V @ 35.00A
	VDE-175T-126	VDE1-175T-126	VDE2-175T-126	12.6VCT @ 13.88A	6.3V @ 27.77A
	VDE-175T-16	VDE1-175T-16	VDE2-175T-16	16VCT @ 10.93A	8V @ 21.87A
	VDE-175T-18	VDE1-175T-18	VDE2-175T-18	18VCT @ 9.72A	9V @ 19.44A
	VDE-175T-20	VDE1-175T-20	VDE2-175T-20	20VCT @ 8.75A	10V @ 17.50A
	VDE-175T-24	VDE1-175T-24	VDE2-175T-24	24VCT @ 7.29A	12V @ 14.58A
	VDE-175T-28	VDE1-175T-28	VDE2-175T-28	28VCT @ 6.25A	14V @ 12.50A
	VDE-175T-36	VDE1-175T-36	VDE2-175T-36	36VCT @ 4.86A	18V @ 9.72A
	VDE-175T-230	VDE1-175T-230	VDE2-175T-230	230VCT @ 0.760A	115V @ 1.52A

Any application, Any requirement, Contact us for our Custom Designs

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International Power Transformer

Series: VDE - Lead Wires

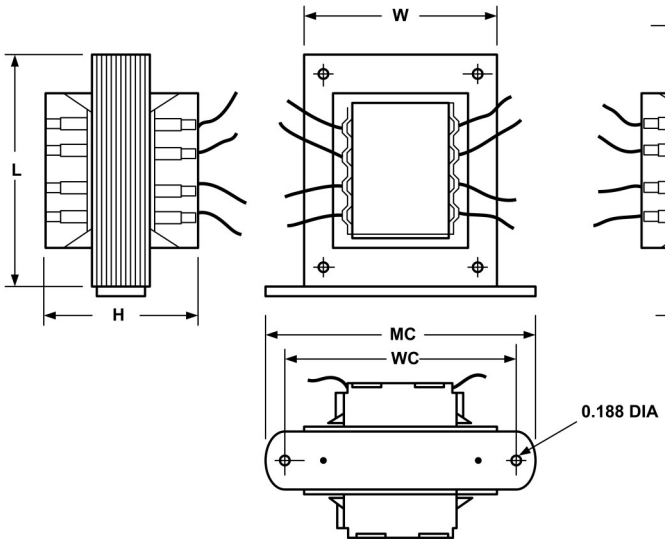
- Power Rating 10VA to 56VA
- Single or Dual Primary, 115V, 230V or 115/230V
- Frequency 50/60Hz
- Series or Parallel Secondary
- Dielectric Strength – 4000 Vrms
- Insulation Class F (155°C)
- Flammability Rating – Bobbin/Shroud UL94V0 or 94H-B

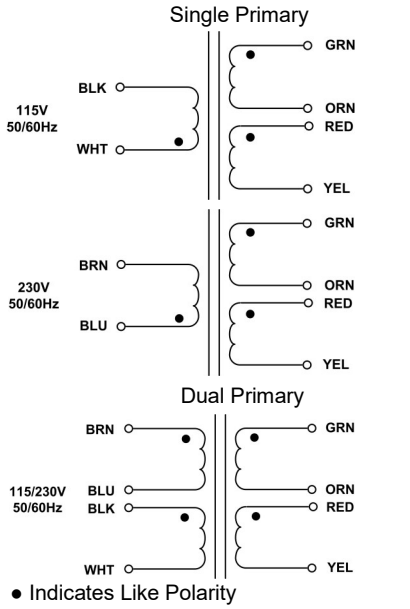
Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- TUV Licensed (E????????)
- UL/cUL 5085-3 Class 2 Recognized (File E49606)
- Insulation File No. E95662



Class 2





● Indicates Like Polarity

Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)							Wt. lbs
	L	W	H	A	B	MC	WC	
10	1.87	1.56	1.50	0.75	0.65	2.81	2.38	0.56
20	2.25	1.87	1.71	0.75	0.76	2.81	2.38	0.90
30	2.25	1.87	1.96	0.75	1.01	2.81	2.38	1.28
40	2.62	2.19	1.94	0.75	0.88	3.56	3.12	1.40
50	2.62	2.19	2.31	0.75	1.26	3.56	3.12	1.87
56	3.00	2.50	2.18	0.75	1.01	4.00	3.56	2.09

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Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

International Power Transformer

Class 2

Series: VDE - Lead Wires

Partial Selection Guide

All models are TUV approved

VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
10	VDE-10L-10	VDE1-10L-10	VDE2-10L-10	10VCT @ 1.00A	5V @ 2.00A	✓
	VDE-10L-126	VDE1-10L-126	VDE2-10L-126	12.6VCT @ 794mA	6.3V @ 1.59A	✓
	VDE-10L-16	VDE1-10L-16	VDE2-10L-16	16VCT @ 625mA	8V @ 1.25A	✓
	VDE-10L-18	VDE1-10L-18	VDE2-10L-18	18VCT @ 555mA	9V @ 1.11A	✓
	VDE-10L-20	VDE1-10L-20	VDE2-10L-20	20VCT @ 500mA	10V @ 1.00A	✓
	VDE-10L-24	VDE1-10L-24	VDE2-10L-24	24VCT @ 416mA	12V @ 833mA	-
	VDE-10L-28	VDE1-10L-28	VDE2-10L-28	28VCT @ 357mA	14V @ 714mA	-
	VDE-10L-36	VDE1-10L-36	VDE2-10L-36	36VCT @ 277mA	18V @ 555mA	-
20	VDE-20L-10	VDE1-20L-10	VDE2-20L-10	10VCT @ 2.0A	5V @ 4.0A	✓
	VDE-20L-126	VDE1-20L-126	VDE2-20L-126	12.6VCT @ 1.58A	6.3V @ 3.16A	✓
	VDE-20L-16	VDE1-20L-16	VDE2-20L-16	16VCT @ 1.25A	8V @ 2.50A	✓
	VDE-20L-18	VDE1-20L-18	VDE2-20L-18	18VCT @ 1.11A	9V @ 2.22A	✓
	VDE-20L-20	VDE1-20L-20	VDE2-20L-20	20VCT @ 1.00A	10V @ 2.00A	✓
	VDE-20L-24	VDE1-20L-24	VDE2-20L-24	24VCT @ 833mA	12V @ 1.67A	✓
	VDE-20L-28	VDE1-20L-28	VDE2-20L-28	28VCT @ 714mA	14V @ 1.42A	-
	VDE-20L-36	VDE1-20L-36	VDE2-20L-36	36VCT @ 555mA	18V @ 1.11A	-
30	VDE-30L-10	VDE1-30L-10	VDE2-30L-10	10VCT @ 3.00A	5V @ 6.00A	-
	VDE-30L-126	VDE1-30L-126	VDE2-30L-126	12.6VCT @ 2.38A	6.3V @ 4.76A	✓
	VDE-30L-16	VDE1-30L-16	VDE2-30L-16	16VCT @ 1.87A	8V @ 3.74A	✓
	VDE-30L-18	VDE1-30L-18	VDE2-30L-18	18VCT @ 1.66A	9V @ 3.33A	✓
	VDE-30L-20	VDE1-30L-20	VDE2-30L-20	20VCT @ 1.50A	10V @ 3.00A	✓
	VDE-30L-24	VDE1-30L-24	VDE2-30L-24	24VCT @ 1.25A	12V @ 2.50A	✓
	VDE-30L-28	VDE1-30L-28	VDE2-30L-28	28VCT @ 1.07A	14V @ 2.14A	-
	VDE-30L-36	VDE1-30L-36	VDE2-30L-36	36VCT @ 833mA	18V @ 1.66A	-
40	VDE-40L-10	VDE1-40L-10	VDE2-40L-10	10VCT @ 4.00A	5V @ 8.00A	-
	VDE-40L-126	VDE1-40L-126	VDE2-40L-126	12.6VCT @ 3.17A	6.3V @ 6.34A	✓
	VDE-40L-16	VDE1-40L-16	VDE2-40L-16	16VCT @ 2.50A	8V @ 5.00A	✓
	VDE-40L-18	VDE1-40L-18	VDE2-40L-18	18VCT @ 2.22A	9V @ 4.44A	✓
	VDE-40L-20	VDE1-40L-20	VDE2-40L-20	20VCT @ 2.00A	10V @ 4.00A	✓
	VDE-40L-24	VDE1-40L-24	VDE2-40L-24	24VCT @ 1.66A	12V @ 3.33A	✓
	VDE-40L-28	VDE1-40L-28	VDE2-40L-28	28VCT @ 1.42A	14V @ 2.84A	-
	VDE-40L-36	VDE1-40L-36	VDE2-40L-36	36VCT @ 1.11A	18V @ 2.22A	-
50	VDE-50L-10	VDE1-50L-10	VDE2-50L-10	10VCT @ 5.00A	5V @ 10.00A	-
	VDE-50L-126	VDE1-50L-126	VDE2-50L-126	12.6VCT @ 3.96A	6.3V @ 7.93A	-
	VDE-50L-16	VDE1-50L-16	VDE2-50L-16	16VCT @ 3.12A	8V @ 6.25A	-
	VDE-50L-18	VDE1-50L-18	VDE2-50L-18	18VCT @ 2.77A	9V @ 5.55A	-
	VDE-50L-20	VDE1-50L-20	VDE2-50L-20	20VCT @ 2.50A	10V @ 5.00A	✓
	VDE-50L-24	VDE1-50L-24	VDE2-50L-24	24VCT @ 2.08A	12V @ 4.16A	✓
	VDE-50L-28	VDE1-50L-28	VDE2-50L-28	28VCT @ 1.78A	14V @ 3.56A	-
	VDE-50L-36	VDE1-50L-36	VDE2-50L-36	36VCT @ 1.38A	18V @ 2.76A	-
	VDE-50L-230	VDE1-50L-230	VDE2-50L-230	230VCT @ 217mA	115V @ 434mA	-
56	VDE-56L-10	VDE1-56L-10	VDE2-56L-10	10VCT @ 5.60A	5V @ 11.20A	-
	VDE-56L-126	VDE1-56L-126	VDE2-56L-126	12.6VCT @ 4.44A	6.3V @ 8.88A	-
	VDE-56L-16	VDE1-56L-16	VDE2-56L-16	16VCT @ 3.50A	8V @ 7.00A	-
	VDE-56L-18	VDE1-56L-18	VDE2-56L-18	18VCT @ 3.11A	9V @ 6.22A	-
	VDE-56L-20	VDE1-56L-20	VDE2-56L-20	20VCT @ 2.80A	10V @ 5.60A	-
	VDE-56L-24	VDE1-56L-24	VDE2-56L-24	24VCT @ 2.33A	12V @ 4.66A	✓
	VDE-56L-28	VDE1-56L-28	VDE2-56L-28	28VCT @ 2.00A	14V @ 4.00A	-
	VDE-56L-36	VDE1-56L-36	VDE2-56L-36	36VCT @ 1.55A	18V @ 3.11A	-
	VDE-56L-230	VDE1-56L-230	VDE2-56L-230	230VCT @ 243mA	115V @ 486mA	-

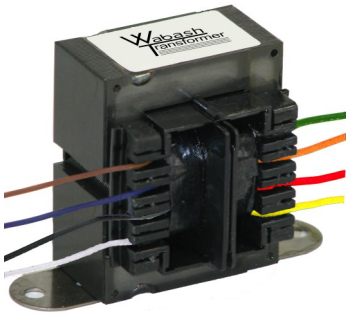
Any application, Any requirement, Contact us for our Custom Designs

WorldTran™

International Power Transformer

Series: VDE - Lead Wires

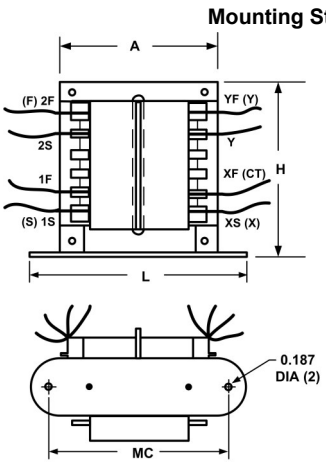
- Power Rating 25VA to 175VA
- Single or Dual Primary, 115V, 230V or 115/230V
- Frequency 50/60Hz
- Series or Parallel Secondary
- Dielectric Strength – 4000 Vrms
- Insulation Class F (155°C)
- Flammability Rating – Bobbin/Shroud UL94V0 or 94H-B

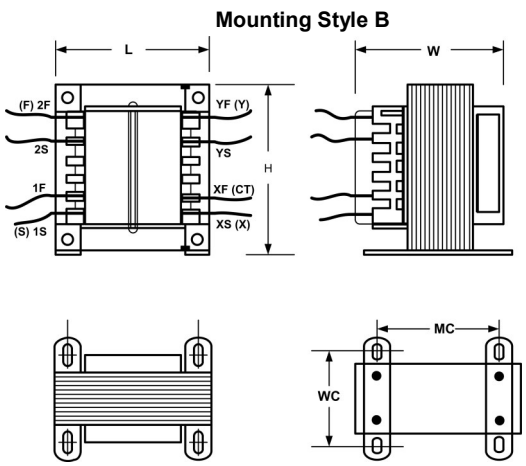


Agency Approvals:

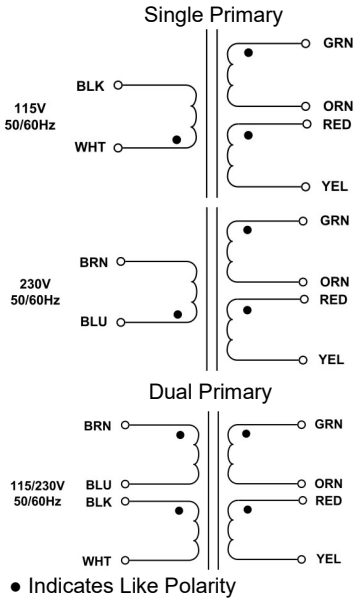
- UL/cUL 5085-2 Recognized (File E47299)
- TUV Licensed (E????????)
- UL/cUL 5085-3 Class 2 Recognized (File E49606)
- Insulation File No. E95662

Class 2





Horizontal Mounting Available for Low Profile Applications



● Indicates Like Polarity

Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)							Wt. lbs
	L	W	H	A	Mtg. Style	MC	WC	
25	2.81	2.14	2.31	1.95	C	2.38	-	1.25
43	3.12	2.14	2.68	2.25	C	2.81	-	1.60
80	2.50	2.50	3.00	-	B	2.00	2.50	2.80
100	2.81	3.00	3.37	-	B	2.25	2.50	4.10
130	2.81	3.00	3.37	-	B	2.25	2.50	4.10
150	3.12	3.12	3.75	-	B	2.50	2.50	5.50
175	3.12	3.12	3.75	-	B	2.50	2.50	5.50

Any application, Any requirement, Contact us for our Custom Designs

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

International Power Transformer

Series: VDE - Lead Wires

Class 2

Partial Selection Guide

All models are TUV approved

VA	Part Number			Secondary		Class 2
	115/230V	115V	230V	Series	Parallel	
25	VDE-25L-10	VDE1-25L-10	VDE2-25L-10	10VCT @ 2.50A	5V @ 5.00A	✓
	VDE-25L-126	VDE1-25L-126	VDE2-25L-126	12.6VCT @ 1.98A	6.3V @ 3.96A	✓
	VDE-25L-16	VDE1-25L-16	VDE2-25L-16	16VCT @ 1.56A	8V @ 3.12A	✓
	VDE-25L-18	VDE1-25L-18	VDE2-25L-18	18VCT @ 1.39A	9V @ 2.78A	✓
	VDE-25L-20	VDE1-25L-20	VDE2-25L-20	20VCT @ 1.25A	10V @ 2.50A	✓
	VDE-25L-24	VDE1-25L-24	VDE2-25L-24	24VCT @ 1.04A	12V @ 2.08A	✓
	VDE-25L-28	VDE1-25L-28	VDE2-25L-28	28VCT @ .892A	14V @ 1.78A	-
	VDE-25L-36	VDE1-25L-36	VDE2-25L-36	36VCT @ .694A	18V @ 1.38A	-
43	VDE-43L-10	VDE1-43L-10	VDE2-43L-10	10VCT @ 4.30A	5V @ 8.60A	-
	VDE-43L-126	VDE1-43L-126	VDE2-43L-126	12.6VCT @ 3.41A	6.3V @ 6.82A	✓
	VDE-43L-16	VDE1-43L-16	VDE2-43L-16	16VCT @ 2.68A	8V @ 5.37A	✓
	VDE-43L-18	VDE1-43L-18	VDE2-43L-18	18VCT @ 2.38A	9V @ 4.76A	✓
	VDE-43L-20	VDE1-43L-20	VDE2-43L-20	20VCT @ 2.15A	10V @ 4.30A	✓
	VDE-43L-24	VDE1-43L-24	VDE2-43L-24	24VCT @ 1.79A	12V @ 3.58A	-
	VDE-43L-28	VDE1-43L-28	VDE2-43L-28	28VCT @ 1.53A	14V @ 3.06A	-
	VDE-43L-36	VDE1-43L-36	VDE2-43L-36	36VCT @ 1.19A	18V @ 2.38A	-
	VDE-43L-230	VDE1-43L-230	VDE2-43L-230	230VCT @ .186A	115V @ .372A	-
80	VDE-80L-10	VDE1-80L-10	VDE2-80L-10	10VCT @ 8.00A	5V @ 16.00A	-
	VDE-80L-126	VDE1-80L-126	VDE2-80L-126	12.6VCT @ 6.34A	6.3V @ 12.69A	-
	VDE-80L-16	VDE1-80L-16	VDE2-80L-16	16VCT @ 5.00A	8V @ 10.00A	-
	VDE-80L-18	VDE1-80L-18	VDE2-80L-18	18VCT @ 4.44A	9V @ 8.88A	-
	VDE-80L-20	VDE1-80L-20	VDE2-80L-20	20VCT @ 4.00A	10V @ 8.00A	-
	VDE-80L-24	VDE1-80L-24	VDE2-80L-24	24VCT @ 3.33A	12V @ 6.66A	-
	VDE-80L-28	VDE1-80L-28	VDE2-80L-28	28VCT @ 2.85A	14V @ 5.70A	-
	VDE-80L-36	VDE1-80L-36	VDE2-80L-36	36VCT @ 2.22A	18V @ 4.44A	-
	VDE-80L-230	VDE1-80L-230	VDE2-80L-230	230VCT @ .347A	115V @ .695A	-
100	VDE-100L-10	VDE1-100L-10	VDE2-100L-10	10VCT @ 10.0A	5V @ 20.00A	-
	VDE-100L-126	VDE1-100L-126	VDE2-100L-126	12.6VCT @ 7.93A	6.3V @ 15.8A	-
	VDE-100L-16	VDE1-100L-16	VDE2-100L-16	16VCT @ 6.25A	8V @ 12.50A	-
	VDE-100L-18	VDE1-100L-18	VDE2-100L-18	18VCT @ 5.55A	9V @ 11.11A	-
	VDE-100L-20	VDE1-100L-20	VDE2-100L-20	20VCT @ 5.00A	10V @ 10.00A	-
	VDE-100L-24	VDE1-100L-24	VDE2-100L-24	24VCT @ 4.16A	12V @ 8.33A	-
	VDE-100L-28	VDE1-100L-28	VDE2-100L-28	28VCT @ 3.57A	14V @ 7.14A	-
	VDE-100L-36	VDE1-100L-36	VDE2-100L-36	36VCT @ 2.77A	18V @ 5.55A	-
	VDE-100L-230	VDE1-100L-230	VDE2-100L-230	230VCT @ 0.434A	115V @ 0.869A	-

Continued...

Any application, Any requirement, Contact us for our Custom Designs

International Power Transformer

Series: VDE - Lead Wires

Class 2

Partial Selection Guide (Continued)

All models are TUV approved

VA	Part Number			Secondary	
	115/230V	115V	230V	Series	Parallel
130	VDE-130L-10	VDE1-130L-10	VDE2-130L-10	10VCT @ 13.00A	5V @ 26.00A
	VDE-130L-126	VDE1-130L-126	VDE2-130L-126	12.6VCT @ 10.31A	6.3V @ 20.63A
	VDE-130L-16	VDE1-130L-16	VDE2-130L-16	16VCT @ 8.125A	8V @ 16.25A
	VDE-130L-18	VDE1-130L-18	VDE2-130L-18	18VCT @ 7.22A	9V @ 14.44A
	VDE-130L-20	VDE1-130L-20	VDE2-130L-20	20VCT @ 6.50A	10V @ 13.00A
	VDE-130L-24	VDE1-130L-24	VDE2-130L-24	24VCT @ 5.41A	12V @ 10.83A
	VDE-130L-28	VDE1-130L-28	VDE2-130L-28	28VCT @ 4.64A	14V @ 9.28A
	VDE-130L-36	VDE1-130L-36	VDE2-130L-36	36VCT @ 3.61A	18V @ 7.22A
	VDE-130L-230	VDE1-130L-230	VDE2-130L-230	230VCT @ .565A	115V @ 1.13A
150	VDE-150L-10	VDE1-150L-10	VDE2-150L-10	10VCT @ 15.00A	5V @ 30.00A
	VDE-150L-126	VDE1-150L-126	VDE2-150L-126	12.6VCT @ 11.90A	6.3V @ 23.80A
	VDE-150L-16	VDE1-150L-16	VDE2-150L-16	16VCT @ 9.375A	8V @ 18.75A
	VDE-150L-18	VDE1-150L-18	VDE2-150L-18	18VCT @ 8.33A	9V @ 16.66A
	VDE-150L-20	VDE1-150L-20	VDE2-150L-20	20VCT @ 7.50A	10V @ 15.00A
	VDE-150L-24	VDE1-150L-24	VDE2-150L-24	24VCT @ 6.25A	12V @ 12.50A
	VDE-150L-28	VDE1-150L-28	VDE2-150L-28	28VCT @ 5.35A	14V @ 10.71A
	VDE-150L-36	VDE1-150L-36	VDE2-150L-36	36VCT @ 4.16A	18V @ 8.33A
	VDE-150L-230	VDE1-150L-230	VDE2-150L-230	230VCT @ .652A	115V @ 1.30A
175	VDE-175L-10	VDE1-175L-10	VDE2-175L-10	10VCT @ 17.50A	5V @ 35.00A
	VDE-175L-126	VDE1-175L-126	VDE2-175L-126	12.6VCT @ 13.88A	6.3V @ 27.77A
	VDE-175L-16	VDE1-175L-16	VDE2-175L-16	16VCT @ 10.93A	8V @ 21.87A
	VDE-175L-18	VDE1-175L-18	VDE2-175L-18	20VCT @ 9.72A	9V @ 19.44A
	VDE-175L-20	VDE1-175L-20	VDE2-175L-20	24VCT @ 8.75A	10V @ 17.50A
	VDE-175L-24	VDE1-175L-24	VDE2-175L-24	24VCT @ 7.29A	12V @ 14.58A
	VDE-175L-28	VDE1-175L-28	VDE2-175L-28	28VCT @ 6.25A	14V @ 12.50A
	VDE-175L-36	VDE1-175L-36	VDE2-175L-36	36VCT @ 4.86A	18V @ 9.72A
	VDE-175L-230	VDE1-175L-230	VDE2-175L-230	230VCT @ .760A	115V @ 1.52A

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Notes:

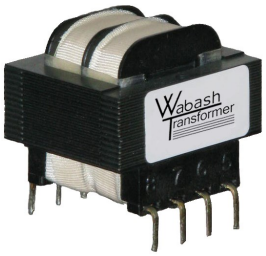
SplitPower™

Split Bobbin Power Transformer

Series: PSH & PDH - Printed Circuit Mount, Horizontal 6 & 8 Pins

- Power Rating 1.1VA to 36VA
- Single or Dual Primary, 115V or 115/230V
- Frequency 50/60HZ
- Series or Parallel Secondary
- Dielectric Strength – 2500 Vrms
- Insulation Class B (130°C)
- Low Capacitive Coupling, no Electrostatic Shield Needed

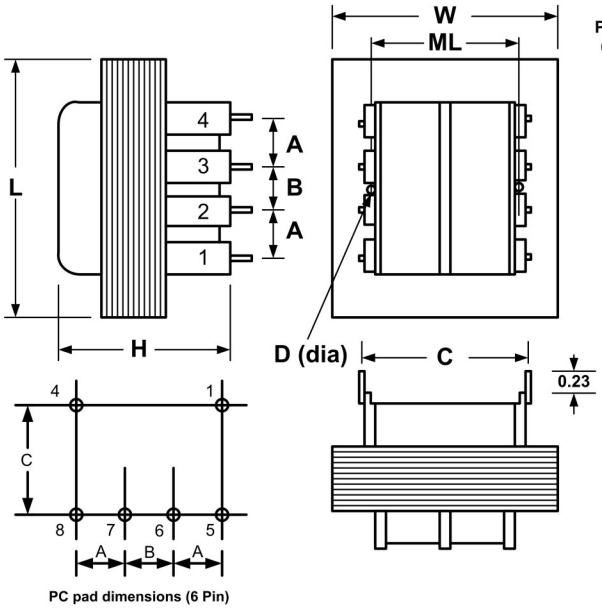


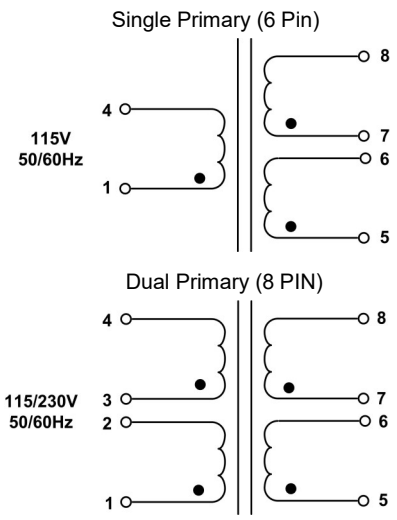


Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662







Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)								Wt. lbs
	L	W	H	ML	A	B	C	D (dia.)	
1.1	1.38	1.13	0.93	-	0.250	0.250	1.20	-	0.17
2.4	1.38	1.13	1.17	-	0.250	0.250	1.20	-	0.25
6	1.63	1.31	1.29	1.06	0.250	0.350	1.28	0.125	0.44
12	1.88	1.56	1.41	1.25	0.300	0.400	1.40	0.150	0.70
20	2.25	1.88	1.41	1.66	0.300	0.400	1.59	0.218*	0.80
36	2.63	2.19	1.56	1.94	0.400	0.400	1.84	0.218*	1.10

* = Slots

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SplitPower™

Split Bobbin Power Transformer

Series: PSH & PDH - Printed Circuit Mount, Horizontal 6 & 8

Partial Selection Guide

VA	Part Number		Secondary	
	115V	115/230V	Series	Parallel
1.1	PSH-11-10	PDH-11-10	10VCT @ 110mA	5V @ 0.220A
	PSH-11-126	PDH-11-126	12.6VCT @ 90mA	6.3V @ 180mA
	PSH-11-16	PDH-11-16	16VCT @ 70mA	8V @ 140mA
	PSH-11-20	PDH-11-20	20VCT @ 55mA	10V @ 110mA
	PSH-11-24	PDH-11-24	24VCT @ 45mA	12V @ 90mA
	PSH-11-28	PDH-11-28	28VCT @ 40mA	14V @ 80mA
	PSH-11-36	PDH-11-36	36VCT @ 30mA	18V @ 60mA
	PSH-11-48	PDH-11-48	48VCT @ 23mA	24V @ 46mA
	PSH-11-56	PDH-11-56	56VCT @ 20mA	28V @ 40mA
	PSH-11-120	PDH-11-120	120VCT @ 9mA	60V @ 18mA
2.4	PSH-24-10	PDH-24-10	10VCT @ 0.24A	5V @ 0.48A
	PSH-24-126	PDH-24-126	12.6VCT @ 0.19A	6.3V @ 0.38A
	PSH-24-16	PDH-24-16	16VCT @ 0.15A	8V @ 0.30A
	PSH-24-20	PDH-24-20	20VCT @ 0.12A	10V @ 0.24A
	PSH-24-24	PDH-24-24	24VCT @ 0.10A	12V @ 0.20A
	PSH-24-28	PDH-24-28	28VCT @ 0.085A	14V @ 0.17A
	PSH-24-36	PDH-24-36	36VCT @ 0.066A	18V @ 0.13A
	PSH-24-48	PDH-24-48	48VCT @ 0.05A	24V @ 0.10A
	PSH-24-56	PDH-24-56	56VCT @ 0.043A	28V @ 0.086A
	PSH-24-120	PDH-24-120	120VCT @ 0.02A	60V @ 0.04A
6	PSH-06-10	PDH-06-10	10VCT @ 600mA	5V @ 1.2A
	PSH-06-126	PDH-06-126	12.6VCT @ 480mA	6.3V @ 960mA
	PSH-06-16	PDH-06-16	16VCT @ 380mA	8V @ 760mA
	PSH-06-20	PDH-06-20	20VCT @ 0.30A	10V @ 0.60A
	PSH-06-24	PDH-06-24	24VCT @ 0.25A	12V @ 0.50A
	PSH-06-28	PDH-06-28	28VCT @ 0.21A	14V @ 0.42A
	PSH-06-36	PDH-06-36	36VCT @ 0.167A	18V @ 0.33A
	PSH-06-48	PDH-06-48	48VCT @ 0.125A	24V @ 0.25A
	PSH-06-56	PDH-06-56	56VCT @ 0.107A	28V @ 0.214A
	PSH-06-120	PDH-06-120	120VCT @ 0.05A	60V @ 0.10A

VA	Part Number		Secondary	
	115V	115/230V	Series	Parallel
12	PSH-12-10	PDH-12-10	10VCT @ 1.2A	5V @ 2.4A
	PSH-12-126	PDH-12-126	12.6VCT @ 950mA	6.3V @ 1.90A
	PSH-12-16	PDH-12-16	16VCT @ 750mA	8V @ 1.5A
	PSH-12-20	PDH-12-20	20VCT @ 600mA	10V @ 1.2A
	PSH-12-24	PDH-12-24	24VCT @ 500mA	12V @ 1.0A
	PSH-12-28	PDH-12-28	28VCT @ 420A	14V @ 840A
	PSH-12-36	PDH-12-36	36VCT @ 330mA	18V @ 660mA
	PSH-12-48	PDH-12-48	48VCT @ 250mA	24V @ 500mA
	PSH-12-56	PDH-12-56	56VCT @ 214mA	28V @ 428mA
	PSH-12-120	PDH-12-120	120VCT @ 100mA	60V @ 200mA
20	PSH-20-10	PDH-20-10	10VCT @ 2.0A	5V @ 4.0A
	PSH-20-126	PDH-20-126	12.6VCT @ 1.59A	6.3V @ 3.17A
	PSH-20-16	PDH-20-16	16VCT @ 1.25A	8V @ 2.50A
	PSH-20-20	PDH-20-20	20VCT @ 1.0A	10V @ 2.0A
	PSH-20-24	PDH-20-24	24VCT @ 833mA	12V @ 1.67A
	PSH-20-28	PDH-20-28	28VCT @ 714mA	14V @ 1.43A
	PSH-20-36	PDH-20-36	36VCT @ 550mA	18V @ 1.11A
	PSH-20-48	PDH-20-48	48VCT @ 416mA	24V @ 833mA
	PSH-20-56	PDH-20-56	56VCT @ 357mA	28V @ 714mA
	PSH-20-120	PDH-20-120	120VCT @ 166mA	60V @ 332mA
36	PSH-36-10	PDH-36-10	10VCT @ 3.6A	5V @ 7.2A
	PSH-36-126	PDH-36-126	12.6VCT @ 2.85A	6.3V @ 5.7A
	PSH-36-16	PDH-36-16	16VCT @ 2.25A	8V @ 4.5A
	PSH-36-20	PDH-36-20	20VCT @ 1.8A	10V @ 3.6A
	PSH-36-24	PDH-36-24	24VCT @ 1.5A	12V @ 3.0A
	PSH-36-28	PDH-36-28	28VCT @ 1.28A	14V @ 2.57A
	PSH-36-36	PDH-36-36	36VCT @ 1.0A	18V @ 2.0A
	PSH-36-48	PDH-36-48	48VCT @ 750mA	24V @ 1.5A
	PSH-36-56	PDH-36-56	56VCT @ 642mA	28V @ 1.28A
	PSH-36-120	PDH-36-120	120VCT @ 300mA	60V @ 600mA

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SplitPower™

Split Bobbin Isolation Transformer

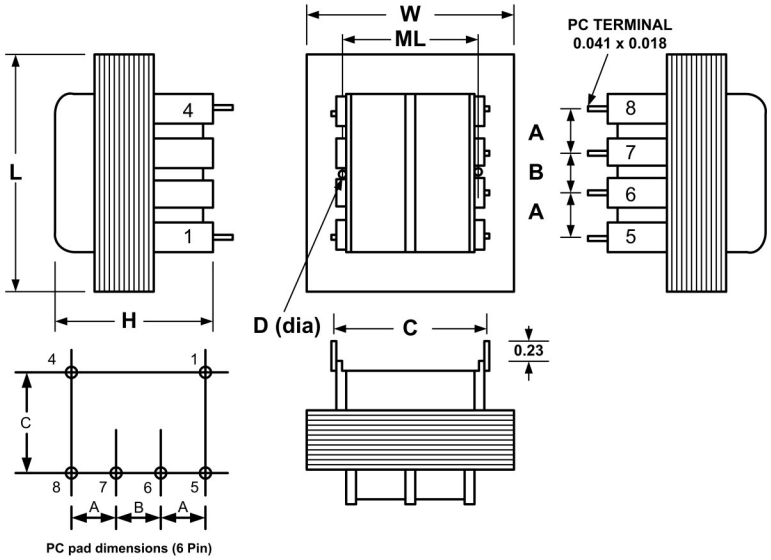
Series: P24H - Printed Circuit Mount, Horizontal 6 Pins

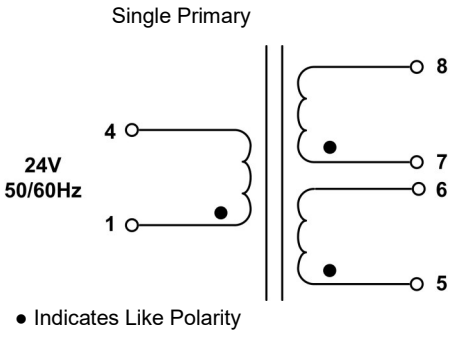
- Power Rating 1.1VA to 36VA
- Single Primary, 24V
- Frequency 50/60HZ
- Series or Parallel Secondary
- Dielectric Strength – 2500 Vrms
- Insulation Class B (130°C)
- Low Capacitive Coupling, no Electrostatic Shield Needed



Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662





Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Part Number	Secondary		Dimensions (Inches)								Wt. lbs
		Series	Parallel	L	W	H	ML	A	B	C	D (dia.)	
1.1	P24H-11-24	24VCT @ 46mA	12V @ 0.092A	1.38	1.13	0.93	-	0.250	0.250	1.22	-	0.17
2.4	P24H-24-24	24VCT @ 100mA	12V @ 0.200A	1.38	1.13	1.17	-	0.250	0.250	1.22	-	0.25
6	P24H-06-24	24VCT @ 250mA	12V @ 0.500A	1.63	1.31	1.29	1.06	0.250	0.350	1.28	0.125	0.44
12	P24H-12-24	24VCT @ 500mA	12V @ 1.000A	1.88	1.56	1.41	1.25	0.300	0.400	1.40	0.150	0.70
20	P24H-20-24	24VCT @ 833mA	12V @ 1.670A	2.25	1.88	1.41	1.66	0.300	0.400	1.59	0.218*	0.80
36	P24H-36-24	24VCT @ 1.500A	12V @ 3.000A	2.63	2.19	1.56	1.94	0.400	0.400	1.84	0.218*	1.10

* = Slots

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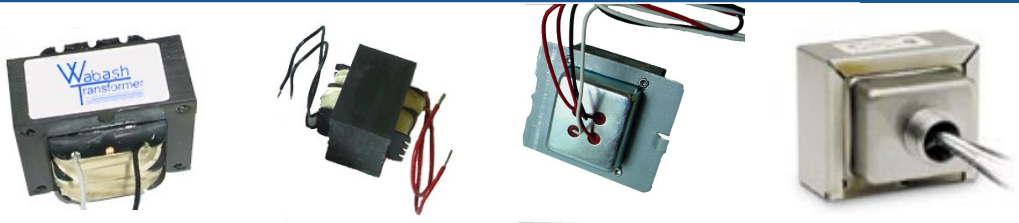
Lighting the way.



Lighting Transformers

- **50 Watt or 75 Watt**
- **Designed specifically for 12V halogen lamps**
- **UL/cUL/CSA approved**
- **Insulation class 130˚C or 200˚C**
- **Several mounting styles available**

Wabash Transformer
A PowerVolt Company

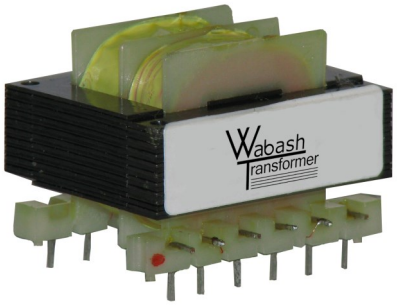


SplitPower™

Split Bobbin Power Transformer

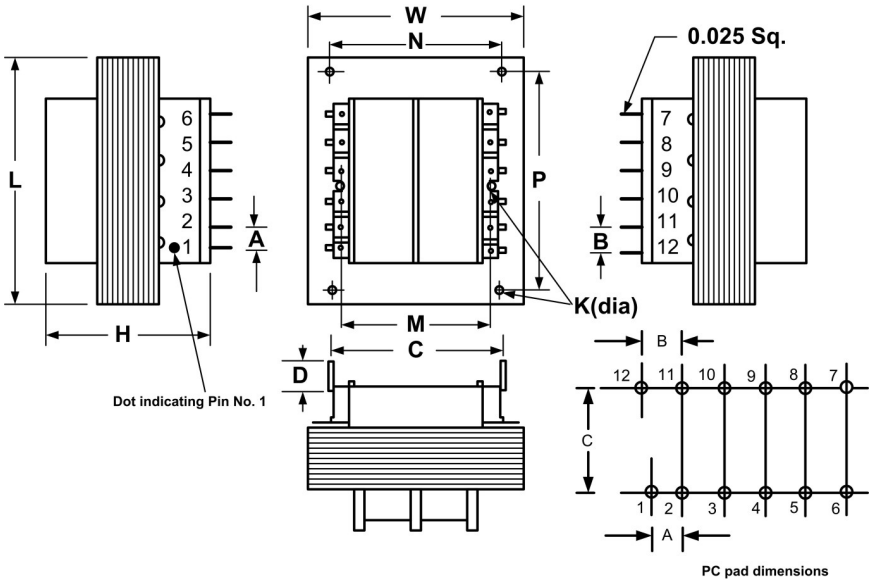
Series: PSX & PDX - Printed Circuit Mount, Horizontal 12 Pins

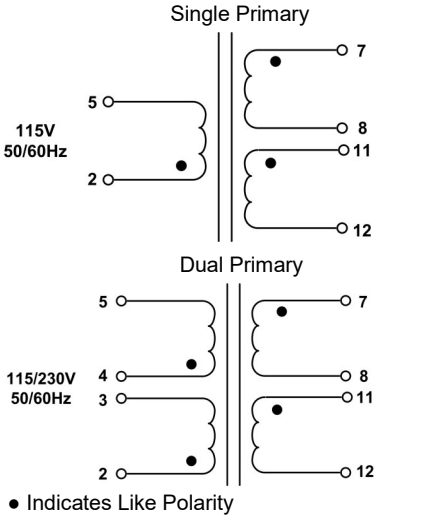
- Power Rating 1.2VA to 30VA
- Single or Dual Primary, 115V or 115/230V
- Frequency 50/60HZ
- Series or Parallel Secondary
- Dielectric Strength – 1500 Vrms
- Insulation Class B (130°C)



Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662





Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)							Mounting Dimension				Wt. lbs
	L	W	H	A	B	C	D	K	M	N	P	
1.2	1.38	1.12	1.13	0.150	0.200	0.860	0.172	-	1.000	-	-	0.165
2.4	1.38	1.12	1.13	0.150	0.200	0.860	0.172	-	1.000	-	-	0.230
5	1.63	1.31	1.13	0.200	0.250	0.950	0.188	-	1.060	-	-	0.310
10	1.88	1.56	1.26	0.200	0.300	1.100	0.188	-	1.250	-	-	0.520
20	2.25	1.87	1.41	0.200	0.300	1.300	0.140	0.219 X 0.09*	1.687	1.50	1.87	0.780
30	2.25	1.87	1.79	0.200	0.300	1.300	0.140	0.219 X 0.09*	1.687	1.50	1.87	1.150

*** = Slots**

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SplitPower™

Split Bobbin Power Transformer

Series: PSX & PDX - Printed Circuit Mount, Horizontal 12 Pins

Partial Selection Guide

VA	Part Number		Secondary	
	115V	115/230V	Series	Parallel
1.2	PSX-012-10	PDX-012-10	10VCT @ 120A	5V @ 0.24A
	PSX-012-126	PDX-012-126	12.6VCT @ 0.09A	6.3V @ 0.19A
	PSX-012-16	PDX-012-16	16VCT @ 0.07A	8V @ 0.14A
	PSX-012-20	PDX-012-20	20VCT @ 0.06A	10V @ 0.12A
	PSX-012-24	PDX-012-24	24VCT @ 0.05A	12V @ 0.10A
	PSX-012-28	PDX-012-28	28VCT @ 0.043A	14V @ 0.086A
	PSX-012-36	PDX-012-36	36VCT @ 0.033A	18V @ 0.066A
	PSX-012-48	PDX-012-48	48VCT @ 0.025A	24V @ 0.05A
	PSX-012-56	PDX-012-56	56VCT @ 0.021A	28V @ 0.042A
	PSX-012-120	PDX-012-120	120VCT @ 0.01A	60V @ 0.02A
2.4	PSX-24-10	PDX-24-10	10VCT @ 0.24A	5V @ 0.48A
	PSX-24-126	PDX-24-126	12.6VCT @ 0.19A	6.3V @ 0.38A
	PSX-24-16	PDX-24-16	16VCT @ 0.15A	8V @ 0.30A
	PSX-24-20	PDX-24-20	20VCT @ 0.12A	10V @ 0.24A
	PSX-24-24	PDX-24-24	24VCT @ 0.10A	12V @ 0.20A
	PSX-24-28	PDX-24-28	28VCT @ 0.085A	14V @ 0.17A
	PSX-24-36	PDX-24-36	36VCT @ 0.066A	18V @ 0.13A
	PSX-24-48	PDX-24-48	48VCT @ 0.05A	24V @ 0.10A
	PSX-24-56	PDX-24-56	56VCT @ 0.043A	28V @ 0.086A
	PSX-24-120	PDX-24-120	120VCT @ 0.02A	60V @ 0.04A
5	PSX-05-10	PDX-05-10	10VCT @ 0.50A	5V @ 1.0A
	PSX-05-126	PDX-05-126	12.6VCT @ 0.397A	6.3V @ 0.794A
	PSX-05-16	PDX-05-16	16VCT @ 0.312A	8V @ 0.624A
	PSX-05-20	PDX-05-20	20VCT @ 0.25A	10V @ 0.50A
	PSX-05-24	PDX-05-24	24VCT @ 0.208A	12V @ 0.416A
	PSX-05-28	PDX-05-28	28VCT @ 0.178A	14V @ 0.357A
	PSX-05-36	PDX-05-36	36VCT @ 0.139A	18V @ 0.278A
	PSX-05-48	PDX-05-48	48VCT @ 0.104A	24V @ 0.208A
	PSX-05-56	PDX-05-56	56VCT @ 0.089A	28V @ 0.178A
	PSX-05-120	PDX-05-120	120VCT @ 0.042A	60V @ 0.084A

VA	Part Number		Secondary	
	115V	115/230V	Series	Parallel
10	PSX-10-10	PDX-10-10	10VCT @ 1.0A	5V @ 2.0A
	PSX-10-126	PDX-10-126	12.6VCT @ 0.79A	6.3V @ 1.59A
	PSX-10-16	PDX-10-16	16VCT @ 0.625A	8V @ 1.25A
	PSX-10-20	PDX-10-20	20VCT @ 0.50A	10V @ 1.0A
	PSX-10-24	PDX-10-24	24VCT @ 0.416A	12V @ 0.833A
	PSX-10-28	PDX-10-28	28VCT @ 0.357A	14V @ 0.714A
	PSX-10-36	PDX-10-36	36VCT @ 0.278A	18V @ 0.556A
	PSX-10-48	PDX-10-48	48VCT @ 208A	24V @ 0.416A
	PSX-10-56	PDX-10-56	56VCT @ 0.178A	28V @ 0.357A
	PSX-10-120	PDX-10-120	120VCT @ 0.083A	60V @ 0.166A
20	PSX-20-10	PDX-20-10	10VCT @ 2.0A	5V @ 4.0A
	PSX-20-126	PDX-20-126	12.6VCT @ 1.58A	6.3V @ 3.17A
	PSX-20-16	PDX-20-16	16VCT @ 1.25A	8V @ 2.50A
	PSX-20-20	PDX-20-20	20VCT @ 1.0A	10V @ 2.0A
	PSX-20-24	PDX-20-24	24VCT @ 0.833A	12V @ 1.67A
	PSX-20-28	PDX-20-28	28VCT @ 0.714A	14V @ 1.43A
	PSX-20-36	PDX-20-36	36VCT @ 0.55A	18V @ 1.11A
	PSX-20-48	PDX-20-48	48VCT @ 0.416A	24V @ 0.833A
	PSX-20-56	PDX-20-56	56VCT @ 0.357A	28V @ 0.714A
	PSX-20-120	PDX-20-120	120VCT @ 0.167A	60V @ 0.334A
30	PSX-30-10	PDX-30-10	10VCT @ 3.0A	5V @ 6.0A
	PSX-30-12	PDX-30-12	12.6VCT @ 2.5A	6.3V @ 5.0A
	PSX-30-16	PDX-30-16	16VCT @ 1.875A	8V @ 3.75A
	PSX-30-20	PDX-30-20	20VCT @ 1.5A	10V @ 3.0A
	PSX-30-24	PDX-30-24	24VCT @ 1.25A	12V @ 2.5A
	PSX-30-28	PDX-30-28	28VCT @ 1.071A	14V @ 2.142A
	PSX-30-36	PDX-30-36	36VCT @ 0.833A	18V @ 1.67A
	PSX-30-48	PDX-30-48	48VCT @ 0.625A	24V @ 1.25A
	PSX-30-56	PDX-30-56	56VCT @ 0.536A	28V @ 1.072A
	PSX-30-120	PDX-30-120	120VCT @ 0.25A	60V @ 0.5A

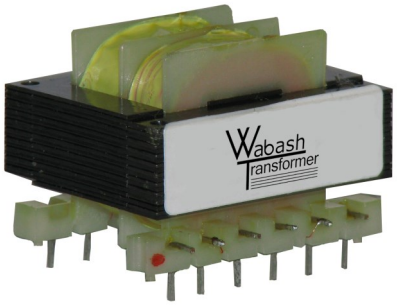
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SplitPower™

Split Bobbin Isolation Transformer

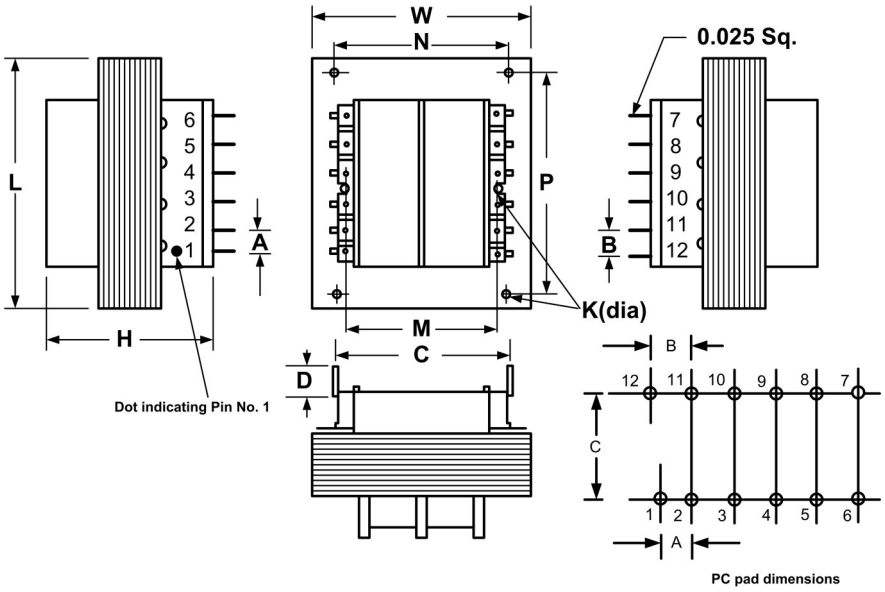
Series: P24X - Printed Circuit Mount, Horizontal 12 Pins

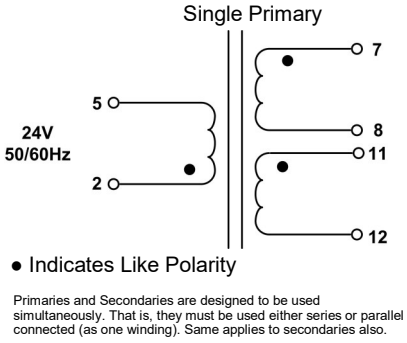
- Power Rating 2.4VA to 30VA
- Single Primary, 24V
- Frequency 50/60HZ
- Series or Parallel Secondary
- Dielectric Strength – 1500 Vrms
- Insulation Class B (130°C)



Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662





Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Part Number	Secondary		Dimensions (Inches)							Mounting Dimension				Wt. lbs
		Series	Parallel	L	W	H	A	B	C	D	K	M	N	P	
2.4	P24X-24-24	24VCT @ 100mA	12V @ 0.200A	1.38	1.12	1.13	0.15	0.20	0.86	0.172	-	1.00	-	-	0.230
20	P24X-20-24	24VCT @ 833mA	12V @ 1.670A	2.25	1.87	1.41	0.20	0.30	1.30	0.140	0.219 X 0.09*	1.69	1.50	1.88	0.780
30	P24X-30-24	24VCT @ 1.250A	12V @ 2.500A	2.25	1.87	1.79	0.20	0.30	1.30	0.140	0.219 X 0.09*	1.69	1.50	1.88	1.150

* = Slots

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We at Wabash Transformer believe:
Quality goes in before name goes on.

MiniPower™

Small Size Power Transformer

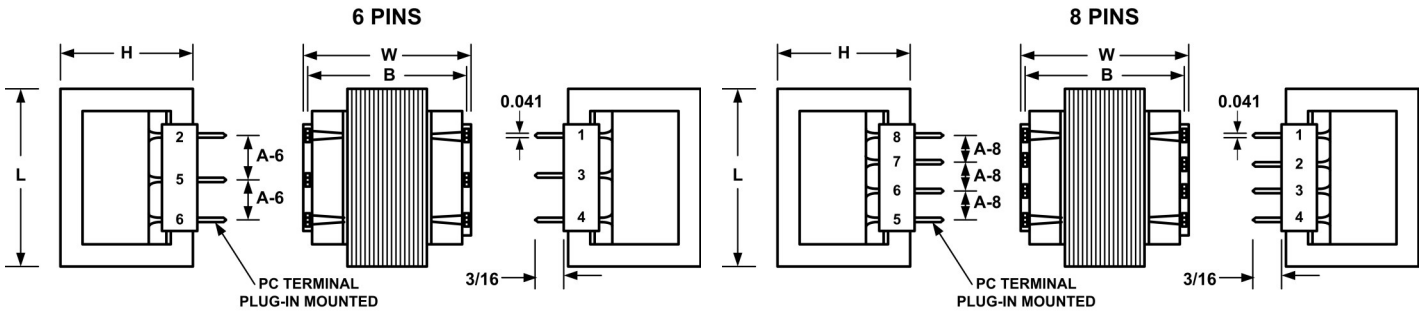
Series: PSV & PDV - Printed Circuit Mount, Vertical

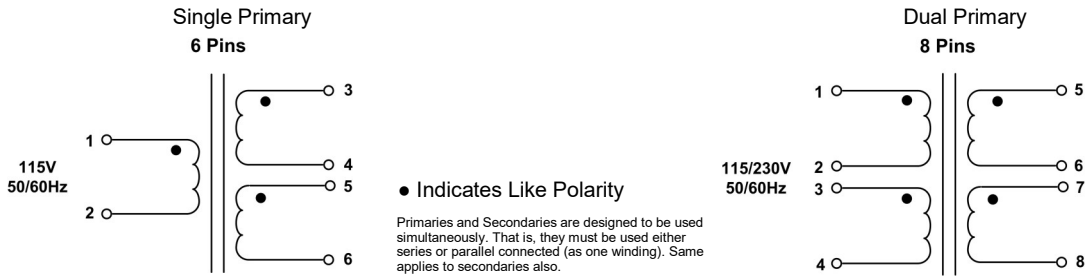
- Power Rating 0.5VA to 24VA
- Single or Dual Primary, 115V or 115/230V
- Frequency 50/60HZ
- Series or Parallel Secondary
- Dielectric Strength – 1500 Vrms
- Insulation Class B (130°C)
- Mounting Brackets (See Dim. Table)



Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662





VA Rating	Dimensions (Inches)						Optional Bracket			Weight Oz.
	L	W	H	A-6 6 Pin	A-8 8 Pin	B	No.	MW	MD	
0.5	1.00	1.10	0.083	0.300	-	0.970	-	-	-	1.5
1.0	1.00	1.375	0.830	0.250	0.200	1.200	-	-	-	2.50
1.2	1.375	1.125	1.188	0.312	0.200	1.000	-	-	-	3
2	1.000	1.375	0.830	0.250	0.200	1.200	-	-	-	3
5	1.625	1.250	1.375	0.400	0.250	1.100	-	-	-	5
10	1.875	1.438	1.625	0.400	0.250	1.300	10-BKT	1.641	1.125	9
15	1.875	1.438	1.625	0.400	0.250	1.425	10-BKT	1.641	1.125	9
24	1.625	2.250	1.375	0.400	0.250	2.100	24-BKT	1.375	2.000	12

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Small Size Power Transformer

Series: PSV & PDV - Printed Circuit Mount, Vertical

Partial Selection Guide

VA	Part Number		Secondary	
	115V	115/230V	Series	Parallel
0.5	PSV-005-10	—	10VCT @ 50mA	5V @ 100mA
	PSV-005-126	—	12.6VCT @ 40mA	6.3V @ 80mA
	PSV-005-16	—	16VCT @ 31.3mA	8V @ 62.5mA
	PSV-005-20	—	20VCT @ 25mA	10V @ 50mA
	PSV-005-24	—	24VCT @ 21mA	12V @ 42mA
	PSV-005-28	—	28VCT @ 18mA	14V @ 36mA
	PSV-005-36	—	36VCT @ 14mA	18V @ 28mA
	PSV-005-48	—	48VCT @ 10mA	24V @ 20mA
	PSV-005-56	—	56VCT @ 9mA	28V @ 18mA
	PSV-005-120	—	120VCT @ 4mA	60V @ 8mA
1.0	PSV-01-10	PDV-01-10	10VCT @ 0.10A	5V @ 0.20A
	PSV-01-126	PDV-01-126	12.6VCT @ 0.079A	6.3V @ 0.158A
	PSV-01-16	PDV-01-16	16VCT @ 0.063A	8V @ 0.126A
	PSV-01-20	PDV-01-20	20VCT @ 0.05A	10V @ 0.10A
	PSV-01-24	PDV-01-24	24VCT @ 0.042A	12V @ 0.084A
	PSV-01-28	PDV-01-28	28VCT @ 0.036A	14V @ 0.072A
	PSV-01-36	PDV-01-36	36VCT @ 0.028A	18V @ 0.056A
	PSV-01-48	PDV-01-48	48VCT @ 0.021A	24V @ 0.042A
	PSV-01-56	PDV-01-56	56VCT @ 0.018A	28V @ 0.036A
	PSV-01-120	PDV-01-120	120VCT @ 0.008A	60V @ 0.016A
1.2	PSV-012-10	PDV-012-10	10VCT @ 0.12A	5V @ 0.24A
	PSV-012-126	PDV-012-126	12.6VCT @ 0.095A	6.3V @ 0.19A
	PSV-012-16	PDV-012-16	16VCT @ 0.075A	8V @ 0.15A
	PSV-012-20	PDV-012-20	20VCT @ 0.060A	10V @ 0.12A
	PSV-012-24	PDV-012-24	24VCT @ 0.05A	12V @ 0.10A
	PSV-012-28	PDV-012-28	28VCT @ 0.043A	14V @ 0.086A
	PSV-012-36	PDV-012-36	36VCT @ 0.033A	18V @ 0.066A
	PSV-012-48	PDV-012-48	48VCT @ 0.025A	24V @ 0.05A
	PSV-012-56	PDV-012-56	56VCT @ 0.021A	28V @ 0.042A
	PSV-02-120	PDV-02-120	120VCT @ 0.01A	60V @ 0.02A
2	PSV-02-10	PDV-02-10	10VCT @ 0.20A	5V @ 0.40A
	PSV-02-126	PDV-02-126	12.6VCT @ 0.159A	6.3V @ 0.318A
	PSV-02-16	PDV-02-16	16VCT @ 0.125A	8V @ 0.25A
	PSV-02-20	PDV-02-20	20VCT @ 0.10A	10V @ 0.20A
	PSV-02-24	PDV-02-24	24VCT @ 0.083A	12V @ 0.166A
	PSV-02-28	PDV-02-28	28VCT @ 0.071A	14V @ 0.142A
	PSV-02-36	PDV-02-36	36VCT @ 0.056A	18V @ 0.112A
	PSV-02-48	PDV-02-48	48VCT @ 0.042A	24V @ 0.084A
	PSV-02-56	PDV-02-56	56VCT @ 0.036A	28V @ 0.072A
	PSV-02-120	PDV-02-120	120VCT @ 0.017A	60V @ 0.034A

VA	Part Number		Secondary	
	115V	115/230V	Series	Parallel
5	PSV-05-10	PDV-05-10	10VCT @ 0.5A	5V @ 1.0A
	PSV-05-126	PDV-05-126	12.6VCT @ 0.40A	6.3V @ 0.80A
	PSV-05-16	PDV-05-16	16VCT @ 0.312A	8V @ 0.624A
	PSV-05-20	PDV-05-20	20VCT @ 0.25A	10V @ 0.50A
	PSV-05-24	PDV-05-24	24VCT @ 0.21A	12V @ 0.42A
	PSV-05-28	PDV-05-28	28VCT @ 0.178A	14V @ 0.357A
	PSV-05-36	PDV-05-36	36VCT @ 0.139A	18V @ 0.278A
	PSV-05-48	PDV-05-48	48VCT @ 0.104A	24V @ 0.208A
	PSV-05-56	PDV-05-56	56VCT @ 0.09A	28V @ 0.18A
	PSV-05-120	PDV-05-120	120VCT @ 0.042A	60V @ 0.084A
10	PSV-10-10	PDV-10-10	10VCT @ 1.0A	5V @ 2.0A
	PSV-10-126	PDV-10-126	12.6VCT @ 0.80A	6.3V @ 1.6A
	PSV-10-16	PDV-10-16	16VCT @ 0.625A	8V @ 1.25A
	PSV-10-20	PDV-10-20	20VCT @ 0.50A	10V @ 1.0A
	PSV-10-24	PDV-10-24	24VCT @ 0.417A	12V @ 0.834A
	PSV-10-28	PDV-10-28	28VCT @ 0.357A	14V @ 0.714A
	PSV-10-36	PDV-10-36	36VCT @ 0.278A	18V @ 0.556A
	PSV-10-48	PDV-10-48	48VCT @ 0.208A	24V @ 0.416A
	PSV-10-56	PDV-10-56	56VCT @ 0.179A	28V @ 0.357A
	PSV-10-120	PDV-10-120	120VCT @ 0.083A	60V @ 0.166A
15	PSV-15-10	PDV-15-10	10VCT @ 1.5A	5V @ 3.0A
	PSV-15-126	PDV-15-126	12.6VCT @ 1.19A	6.3V @ 2.38A
	PSV-15-16	PDV-15-16	16VCT @ 0.938A	8V @ 1.88A
	PSV-15-20	PDV-15-20	20VCT @ 0.750A	10V @ 1.5A
	PSV-15-24	PDV-15-24	24VCT @ 0.625A	12V @ 1.25A
	PSV-15-28	PDV-15-28	28VCT @ 0.536A	14V @ 1.07A
	PSV-15-36	PDV-15-36	36VCT @ 0.417A	18V @ 0.834A
	PSV-15-48	PDV-15-48	48VCT @ 0.312A	24V @ 0.624A
	PSV-15-56	PDV-15-56	56VCT @ 0.268A	28V @ 0.536A
	PSV-15-120	PDV-15-120	120VCT @ 0.125A	60V @ 0.250A
24	PSV-24-10	PDV-24-10	10VCT @ 2.4A	5V @ 4.8A
	PSV-24-126	PDV-24-126	12.6VCT @ 1.90A	6.3V @ 3.80A
	PSV-24-16	PDV-24-16	16VCT @ 1.50A	8V @ 3.0A
	PSV-24-20	PDV-24-20	20VCT @ 1.20A	10V @ 2.4A
	PSV-24-24	PDV-24-24	24VCT @ 1.0A	12V @ 2.0A
	PSV-24-28	PDV-24-28	28VCT @ 0.857A	14V @ 1.714A
	PSV-24-36	PDV-24-36	36VCT @ 0.667A	18V @ 1.33A
	PSV-24-48	PDV-24-48	48VCT @ 0.50A	24V @ 1.0A
	PSV-24-56	PDV-24-56	56VCT @ 0.429A	28V @ 0.858A
	PSV-24-120	PDV-24-120	120VCT @ 0.200A	60V @ 0.400A

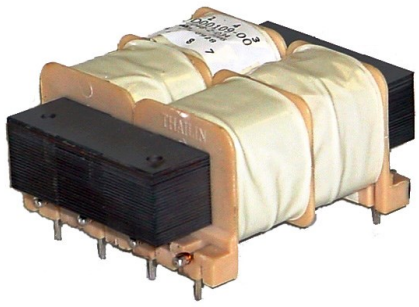
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FlatPower™

Low Profile Power Transformer

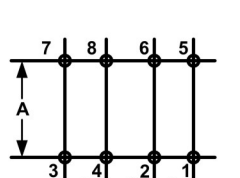
Series: UI - Printed Circuit Mount

- **Power Rating 2.5VA to 48VA**
- **Dual Primary, 115/230V**
- **Frequency 50/60HZ**
- **Series or Parallel Secondary**
- **Dielectric Strength – 2500 Vrms**
- **Insulation Class B (130°C)**
- **Low Capacitive Coupling, no Electrostatic Shield Needed**

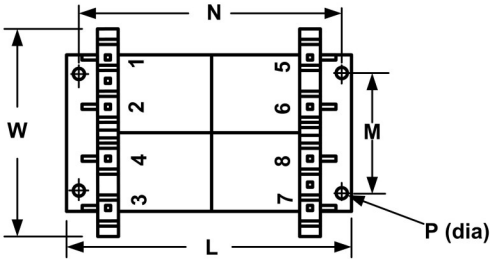


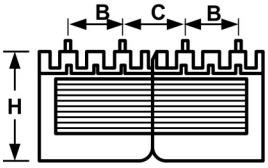
Agency Approvals:

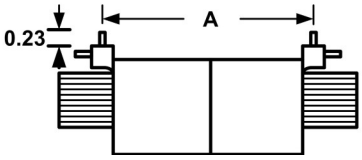
- **UL/cUL 5085-2 Recognized (File E47299)**
- **Insulation File No. E95662**



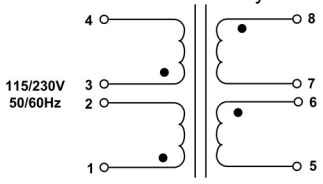
PC pad dimensions







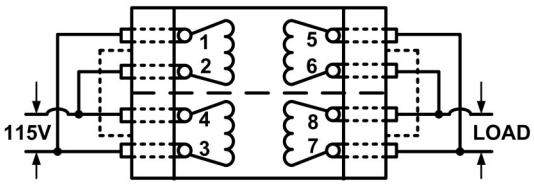
Dual Primary



● Indicates Like Polarity

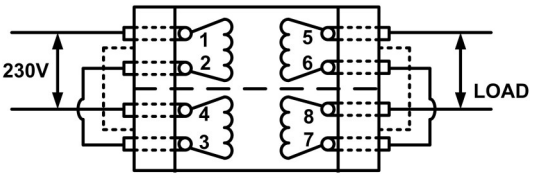
Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

BOTTOM VIEW



PARALLEL CONNECTION
115V PRI
JUMPER 1 & 3, 2 & 4 – LINE 3 & 4
LOAD SEC.
JUMPER 5 & 7, 6 & 8 – LOAD 7 & 8

BOTTOM VIEW



SERIES CONNECTION
230V PRI
JUMPER 2 & 3 – LINE 1 & 4
LOAD SEC.
JUMPER 6 & 7 – LOAD 5 & 8

VA Rating	Dimensions (Inches)										Weight Oz.
	L	W	H	A	B	C	M	N	P	Pins	
2.5	1.88	1.56	0.65	1.60	0.375	0.375	-	-	-	0.041 X 0.02	5
6	1.88	1.56	0.81	1.60	0.375	0.375	-	-	-	0.041 X 0.02	7
12	2.50	2.00	1.06	2.00	0.500	0.500	-	-	-	0.041 X 0.02	11
24	2.87	2.25	1.25	1.90	0.600	0.530	1.31	2.44	0.156	0.041	15
36	3.13	2.50	1.38	2.18	0.600	0.660	1.38	2.63	0.125	0.041	21
48	3.13	2.50	1.38	2.18	0.600	0.660	1.38	2.63	0.125	0.041	21

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FlatPower™

Low Profile Power Transformer

Series: UI - Printed Circuit Mount

Partial Selection Guide

VA	Part Number	Secondary	
	115/230V	Series	Parallel
2.5	UI-25-10	10VCT @ 250mA	5V @ 500mA
	UI-25-126	12.6VCT @ 198mA	6.3V @ 396mA
	UI-25-16	16VCT @ 156mA	8V @ 312mA
	UI-25-20	20VCT @ 125mA	10V @ 250mA
	UI-25-24	24VCT @ 104mA	12V @ 208mA
	UI-25-30	30VCT @ 83mA	15V @ 166mA
	UI-25-34	34VCT @ 74mA	17V @ 147mA
	UI-25-40	40VCT @ 63mA	20V @ 125mA
	UI-25-56	56VCT @ 45mA	28V @ 90mA
	UI-25-88	88VCT @ 28mA	44V @ 57mA
	UI-25-120	120VCT @ 21mA	60V @ 42mA
	UI-25-230	230VCT @ 11mA	115V @ 22mA
6	UI-06-10	10VCT @ 600mA	5V @ 1.2A
	UI-06-126	12.6VCT @ 476mA	6.3V @ 952mA
	UI-06-16	16VCT @ 375mA	8V @ 750mA
	UI-06-20	20VCT @ 300mA	10V @ 600mA
	UI-06-24	24VCT @ 250mA	12V @ 500mA
	UI-06-30	30VCT @ 200mA	15V @ 400mA
	UI-06-34	34VCT @ 176mA	17V @ 352mA
	UI-06-40	40VCT @ 150mA	20V @ 300mA
	UI-06-56	56VCT @ 107mA	28V @ 214mA
	UI-06-88	88VCT @ 68mA	44V @ 136mA
	UI-06-120	120VCT @ 50mA	60V @ 100mA
	UI-06-230	230VCT @ 26mA	115V @ 52mA
12	UI-12-10	10VCT @ 1.20A	5V @ 2.40A
	UI-12-126	12.6VCT @ 952mA	6.3V @ 1.90A
	UI-12-16	16VCT @ 750mA	8V @ 1.50A
	UI-12-20	20VCT @ 600mA	10V @ 1.20A
	UI-12-24	24VCT @ 500mA	12V @ 1.00A
	UI-12-30	30VCT @ 400mA	15V @ 800mA
	UI-12-34	34VCT @ 353mA	17V @ 706mA
	UI-12-40	40VCT @ 300mA	20V @ 600mA
	UI-12-56	56VCT @ 214mA	28V @ 428mA
	UI-12-88	88VCT @ 136mA	44V @ 273mA
	UI-12-120	120VCT @ 100mA	60V @ 200mA
	UI-12-230	230VCT @ 52mA	115V @ 104mA

VA	Part Number	Secondary	
	115/230V	Series	Parallel
24	UI-24-10	10VCT @ 2.4A	5V @ 4.80A
	UI-24-126	12.6VCT @ 1.90A	6.3V @ 3.80A
	UI-24-16	16VCT @ 1.50A	8V @ 3.00A
	UI-24-20	20VCT @ 1.20A	10V @ 2.40A
	UI-24-24	24VCT @ 1.00A	12V @ 2.00A
	UI-24-30	30VCT @ 800mA	15V @ 1.60A
	UI-24-34	34VCT @ 705mA	17V @ 1.41A
	UI-24-40	40VCT @ 600mA	20V @ 1.20A
	UI-24-56	56VCT @ 428mA	28V @ 857mA
	UI-24-88	88VCT @ 272mA	44V @ 545mA
	UI-24-120	120VCT @ 200mA	60V @ 400mA
	UI-24-230	230VCT @ 104mA	115V @ 208mA
36	UI-36-10	10VCT @ 3.60A	5V @ 7.20A
	UI-36-126	12.6VCT @ 2.86A	6.3V @ 5.72A
	UI-36-16	16VCT @ 2.25A	8V @ 4.50A
	UI-36-20	20VCT @ 1.80A	10V @ 3.60A
	UI-36-24	24VCT @ 1.50A	12V @ 3.00A
	UI-36-30	30VCT @ 1.20A	15V @ 2.40A
	UI-36-34	34VCT @ 1.06A	17V @ 2.12A
	UI-36-40	40VCT @ 0.90A	20V @ 1.80A
	UI-36-56	56VCT @ 0.642A	28V @ 1.284A
	UI-36-88	88VCT @ 0.409A	44V @ 0.818A
	UI-36-120	120VCT @ 0.300A	60VCT @ 0.600A
	UI-36-230	230VCT @ 0.156A	115V @ 0.312A
48	UI-48-10	10VCT @ 4.80A	5V @ 9.60A
	UI-48-126	12.6VCT @ 3.80A	6.3V @ 7.60A
	UI-48-16	16VCT @ 3.00A	8V @ 6.00A
	UI-48-20	20VCT @ 2.40A	10V @ 4.80A
	UI-48-24	24VCT @ 2.00A	12V @ 4.00A
	UI-48-30	30VCT @ 1.60A	15V @ 3.20A
	UI-48-34	34VCT @ 1.41A	17V @ 2.82A
	UII-48-40	40VCT @ 1.20A	20V @ 2.40A
	UI-48-56	56VCT @ 857mA	28V @ 1.71A
	UI-48-88	88VCT @ 545mA	44V @ 1.09A
	UI-48-120	120VCT @ 400mA	60V @ 800mA
	UI-48-230	230VCT @ 208mA	115V @ 416mA

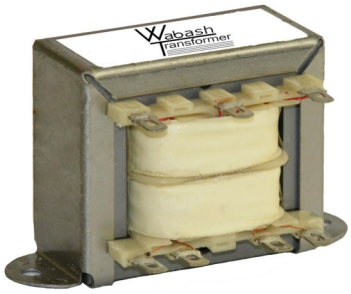
Any application, Any requirement, Contact us for our Custom Designs

CompactPower™

The Compact Power Transformer

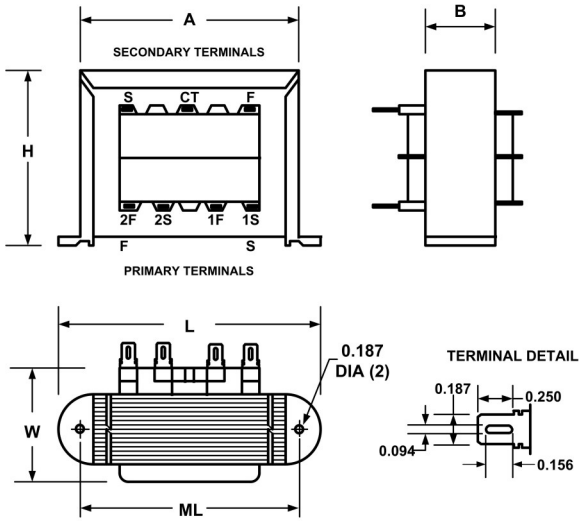
Series: PST & PDT - Chassis Mount with Terminals

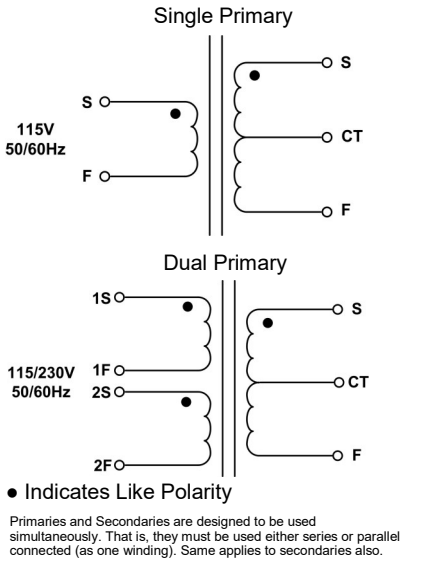
- Power Rating 2.4VA to 100VA
- Single or Dual Primary, 115V or 115/230V
- Frequency 50/60HZ
- Center-tapped Secondary
- Dielectric Strength – 2500 Vrms
- Insulation Class B (130°C)
- Low Capacitive Coupling, no Electrostatic Shield Needed



Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662





Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)						Wt. lbs
	L	W	H	A	B	ML	
2.4	2.063	1.17	1.19	1.45	0.563	1.75	0.25
6	2.375	1.30	1.38	1.70	0.688	2.00	0.44
12	2.813	1.44	1.62	1.95	0.813	2.38	0.70
15	2.813	1.44	1.62	1.95	0.813	2.38	0.70
30	3.250	1.76	1.94	2.32	1.063	2.81	1.10
50	3.688	1.87	2.25	2.70	1.063	3.12	1.70
56	3.688	1.87	2.25	2.70	1.063	3.12	1.70
100	4.031	2.25	2.56	3.08	1.313	3.56	2.75

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The Compact Power Transformer

Series: PST & PDT - Chassis Mount with Terminals

Partial Selection Guide

VA	Part Number		Secondary
	115V	115/230V	
2.4	PST-24-10	PDT-24-10	10VCT @ 0.240A
	PST-24-126	PDT-24-126	12.6VCT @ 0.190A
	PST-24-16	PDT-24-16	16VCT @ 0.150A
	PST-24-20	PDT-24-20	20VCT @ 0.120A
	PST-24-24	PDT-24-24	24VCT @ 0.100A
	PST-24-28	PDT-24-28	28VCT @ 0.085A
	PST-24-36	PDT-24-36	36VCT @ 0.066A
	PST-24-48	PDT-24-48	48VCT @ 0.050A
	PST-24-56	PDT-24-56	56VCT @ 0.043A
	PST-24-120	PDT-24-120	120VCT @ 0.020A
6	PST-06-10	PDT-06-10	10VCT @ 0.600A
	PST-06-126	PDT-06-126	12.6VCT @ 0.476A
	PST-06-16	PDT-06-16	16VCT @ 0.375A
	PST-06-20	PDT-06-20	20VCT @ 0.300A
	PST-06-24	PDT-06-24	24VCT @ 0.250A
	PST-06-28	PDT-06-28	28VCT @ 0.214A
	PST-06-36	PDT-06-36	36VCT @ 0.167A
	PST-06-48	PDT-06-48	48VCT @ 0.125A
	PST-06-56	PDT-06-56	56VCT @ 0.107A
	PST-06-120	PDT-06-120	120VCT @ 0.050A
12	PST-12-10	PDT-12-10	10VCT @ 1.2A
	PST-12-126	PDT-12-126	12.6VCT @ 0.95A
	PST-12-16	PDT-12-16	16VCT @ 0.75A
	PST-12-20	PDT-12-20	20VCT @ 0.60A
	PST-12-24	PDT-12-24	24VCT @ 0.50A
	PST-12-28	PDT-12-28	28VCT @ 0.428A
	PST-12-36	PDT-12-36	36VCT @ 0.33A
	PST-12-48	PDT-12-48	48VCT @ 0.25A
	PST-12-56	PDT-12-56	56VCT @ 0.214A
	PST-12-120	PDT-12-120	120VCT @ 0.10A
15	PST-15-10	PDT-15-10	10VCT @ 1.5A
	PST-15-126	PDT-15-126	12.6VCT @ 1.19A
	PST-15-16	PDT-15-16	16VCT @ 0.94A
	PST-15-20	PDT-15-20	20VCT @ 0.750A
	PST-15-24	PDT-15-24	24VCT @ 0.625A
	PST-15-28	PDT-15-28	28VCT @ 0.536A
	PST-15-36	PDT-15-36	36VCT @ 0.417A
	PST-15-48	PDT-15-48	48VCT @ 0.312A
	PST-15-56	PDT-15-56	56VCT @ 0.268A
	PST-15-120	PDT-15-120	120VCT @ 0.125A

VA	Part Number		Secondary
	115V	115/230V	
30	PST-30-10	PDT-30-10	10VCT @ 3.0A
	PST-30-12	PDT-30-12	12VCT @ 2.50A
	PST-30-16	PDT-30-16	16VCT @ 1.875A
	PST-30-20	PDT-30-20	20VCT @ 1.50A
	PST-30-24	PDT-30-24	24VCT @ 1.25A
	PST-30-28	PDT-30-28	28VCT @ 1.071A
	PST-30-36	PDT-30-36	36VCT @ 0.833A
	PST-30-48	PDT-30-48	48VCT @ 0.625A
	PST-30-56	PDT-30-56	56VCT @ 0.536A
	PST-30-120	PDT-30-120	120VCT @ 0.250A
50	PST-50-10	PDT-50-10	10VCT @ 5.0A
	PST-50-12	PDT-50-12	12VCT @ 4.17A
	PST-50-16	PDT-50-16	16VCT @ 3.125A
	PST-50-20	PDT-50-20	20VCT @ 2.5A
	PST-50-24	PDT-50-24	24VCT @ 2.08A
	PST-50-28	PDT-50-28	28VCT @ 1.78A
	PST-50-36	PDT-50-36	36VCT @ 1.39A
	PST-50-48	PDT-50-48	48VCT @ 1.042A
	PST-50-56	PDT-50-56	56VCT @ 0.893A
	PST-50-120	PDT-50-120	120VCT @ 0.417A
56	PST-56-10	PDT-56-10	10VCT @ 5.6A
	PST-56-12	PDT-56-12	12VCT @ 4.66A
	PST-56-16	PDT-56-16	16VCT @ 3.5A
	PST-56-20	PDT-56-20	20VCT @ 2.80A
	PST-56-24	PDT-56-24	24VCT @ 2.33A
	PST-56-28	PDT-56-28	28VCT @ 2.00A
	PST-56-36	PDT-56-36	36VCT @ 1.56A
	PST-56-48	PDT-56-48	48VCT @ 1.17A
	PST-56-56	PDT-56-56	56VCT @ 1.0A
	PST-56-120	PDT-56-120	120VCT @ 0.47A
100	PST-100-10	PDT-100-10	10VCT @ 10A
	PST-100-12	PDT-100-12	12VCT @ 8.33A
	PST-100-16	PDT-100-16	16VCT @ 6.25A
	PST-100-20	PDT-100-20	20VCT @ 5.0A
	PST-100-24	PDT-100-24	24VCT @ 4.17A
	PST-100-28	PDT-100-28	28VCT @ 3.57A
	PST-100-36	PDT-100-36	36VCT @ 2.78A
	PST-100-48	PDT-100-48	48VCT @ 2.08A
	PST-100-56	PDT-100-56	56VCT @ 1.79A
	PST-100-120	PDT-100-120	120VCT @ 0.833A

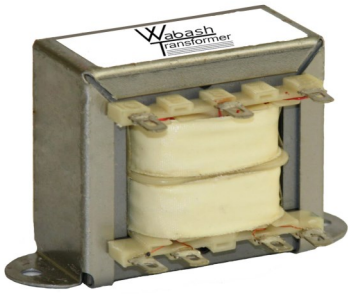
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CompactPower™

The Compact Isolation Transformer

Series: P24T - Chassis Mount with Terminals

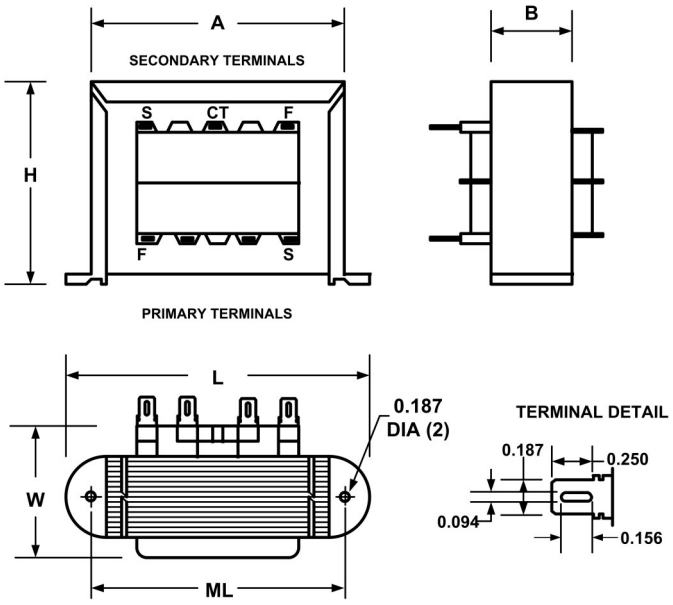
- Power Rating 2.4VA to 100VA
- Single Primary, 24V
- Frequency 50/60HZ
- Center-tapped Secondary, 24V
- Dielectric Strength – 2500 Vrms
- Insulation Class B (130°C)
- Low Capacitive Coupling, no Electrostatic Shield Needed

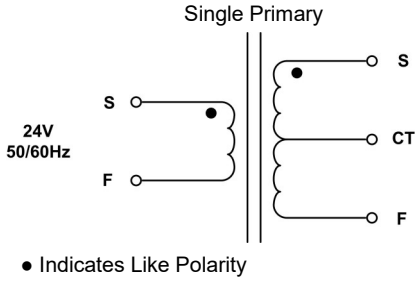


Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662







Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Part Number	Secondary	Dimensions (Inches)						Wt. lbs
			L	W	H	A	B	ML	
2.4	P24T-24-24	24VCT @ 100mA	2.063	1.17	1.19	1.45	0.563	1.75	0.25
6	P24T-06-24	24VCT @ 250mA	2.375	1.30	1.38	1.70	0.688	2.00	0.44
12	P24T-12-24	24VCT @ 500mA	2.813	1.44	1.62	1.95	0.813	2.38	0.70
30	P24T-30-24	24VCT @ 1.25A	3.250	1.76	1.94	2.32	1.063	2.81	1.10
50	P24T-50-24	24VCT @ 2.083A	3.688	1.87	2.25	2.70	1.063	3.12	1.70
56	P24T-56-24	24VCT @ 2.33A	3.688	1.87	2.25	2.70	1.063	3.12	1.70
100	P24T-100-24	24VCT @ 4.17A	4.031	2.25	2.56	3.08	1.313	3.56	2.75

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Notes:

The Compact Power Transformer

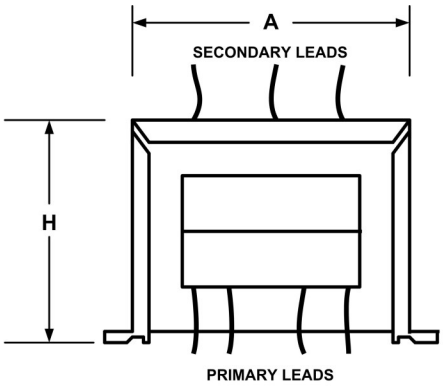
Series: PSL & PDL - Chassis Mount with Lead Wires

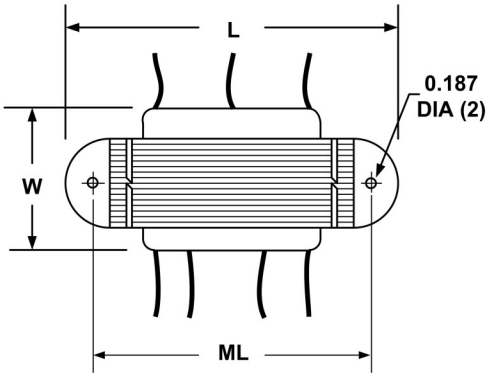
- Power Rating 1.2VA to 100VA
- Single or Dual Primary, 115V or 115/230V
- Frequency 50/60HZ
- Center-tapped Secondary
- Dielectric Strength – 2500 Vrms
- Insulation Class B (130°C)
- Low Capacitive Coupling, no Electrostatic Shield Needed
- Color Coded Hook-up Wires

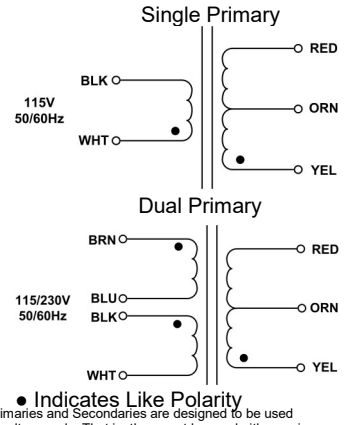


Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662







● Indicates Like Polarity

Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Dimensions (Inches)					Wt. lbs
	L	W	H	A	ML	
1.2	2.063	1.00	1.19	1.45	1.75	0.25
2.4	2.063	1.40	1.19	1.45	1.75	0.25
5	2.375	1.50	1.38	1.70	2.00	0.44
6	2.375	1.50	1.38	1.70	2.00	0.44
10	2.813	1.64	1.62	1.95	2.38	0.70
12	2.813	1.64	1.62	1.95	2.38	0.70
15	2.813	1.64	1.62	1.95	2.38	0.70
20	3.250	1.60	1.94	2.32	2.81	1.10
30	3.250	2.00	1.94	2.32	2.81	1.10
40	3.688	1.95	2.25	2.70	3.12	1.70
50	3.688	2.13	2.25	2.70	3.12	1.70
56	3.688	2.13	2.25	2.70	3.12	1.70
75	4.031	2.25	2.56	3.08	3.56	2.75
80	4.031	2.25	2.56	3.08	3.56	2.75
100	4.031	2.50	2.56	3.08	3.56	2.75

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The Compact Power Transformer

Series: PSL & PDL - Chassis Mount with Lead Wires

Partial Selection Guide

VA	Part Number		Secondary
	115V	115/230V	
1.2	PSL-012-10	PDL-012-10	10VCT @ 0.12A
	PSL-012-126	PDL-012-126	12.6VCT @ 0.095A
	PSL-012-16	PDL-012-16	16VCT @ 0.075A
	PSL-012-20	PDL-012-20	20VCT @ 0.060A
	PSL-012-24	PDL-012-24	24VCT @ 0.050A
	PSL-012-28	PDL-012-28	28VCT @ 0.043A
	PSL-012-36	PDL-012-36	36VCT @ 0.014A
	PSL-012-48	PDL-012-48	48VCT @ 0.025A
	PSL-012-56	PDL-012-56	56VCT @ 0.021A
	PSL-012-120	PDL-012-120	120VCT @ 0.010A
2.4	PSL-24-10	PDL-24-10	10VCT @ 0.240A
	PSL-24-126	PDL-24-126	12.6VCT @ 0.190A
	PSL-24-16	PDL-24-16	16VCT @ 0.150A
	PSL-24-20	PDL-24-20	20VCT @ 0.120A
	PSL-24-24	PDL-24-24	24VCT @ 0.100A
	PSL-24-28	PDL-24-28	28VCT @ 0.085A
	PSL-24-36	PDL-24-36	36VCT @ 0.066A
	PSL-24-48	PDL-24-48	48VCT @ 0.050A
	PSL-24-56	PDL-24-56	56VCT @ 0.043A
	PSL-24-120	PDL-24-120	120VCT @ 0.020A
5	PSL-05-10	PDL-05-10	10VCT @ 0.500A
	PSL-05-126	PDL-05-126	12.6VCT @ 0.397A
	PSL-05-16	PDL-05-16	16VCT @ 0.312A
	PSL-05-20	PDL-05-20	20VCT @ 0.250A
	PSL-05-24	PDL-05-24	24VCT @ 0.208A
	PSL-05-28	PDL-05-28	28VCT @ 0.178A
	PSL-05-36	PDL-05-36	36VCT @ 0.138A
	PSL-05-48	PDL-05-48	48VCT @ 0.104A
	PSL-05-56	PDL-05-56	56VCT @ 0.089A
	PSL-05-120	PDL-05-120	120VCT @ 0.042A
6	PSL-06-10	PDL-06-10	10VCT @ 0.600A
	PSL-06-126	PDL-06-126	12.6VCT @ 0.476A
	PSL-06-16	PDL-06-16	16VCT @ 0.375A
	PSL-06-20	PDL-06-20	20VCT @ 0.300A
	PSL-06-24	PDL-06-24	24VCT @ 0.250A
	PSL-06-28	PDL-06-28	28VCT @ 0.214A
	PSL-06-36	PDL-06-36	36VCT @ 0.167A
	PSL-06-48	PDL-06-48	48VCT @ 0.125A
	PSL-06-56	PDL-06-56	56VCT @ 0.107A
	PSL-06-120	PDL-06-120	120VCT @ 0.050A

VA	Part Number		Secondary
	115V	115/230V	
10	PSL-10-10	PDL-10-10	10VCT @ 1.00A
	PSL-10-126	PDL-10-126	12.6VCT @ 0.79A
	PSL-10-16	PDL-10-16	16VCT @ 0.625A
	PSL-10-20	PDL-10-20	20VCT @ 0.500A
	PSL-10-24	PDL-10-24	24VCT @ 0.417A
	PSL-10-28	PDL-10-28	28VCT @ 0.357A
	PSL-10-36	PDL-10-36	36VCT @ 0.278A
	PSL-10-48	PDL-10-48	48VCT @ 0.208A
	PSL-10-56	PDL-10-56	56VCT @ 0.180A
	PSL-10-120	PDL-10-120	120VCT @ 0.083A
12	PSL-12-10	PDL-12-10	10VCT @ 1.2A
	PSL-12-126	PDL-12-126	12.6VCT @ 0.95A
	PSL-12-16	PDL-12-16	16VCT @ 0.75A
	PSL-12-20	PDL-12-20	20VCT @ 0.60A
	PSL-12-24	PDL-12-24	24VCT @ 0.50A
	PSL-12-28	PDL-12-28	28VCT @ 0.428A
	PSL-12-36	PDL-12-36	36VCT @ 0.33A
	PSL-12-48	PDL-12-48	48VCT @ 0.25A
	PSL-12-56	PDL-12-56	56VCT @ 0.214A
	PSL-12-120	PDL-12-120	120VCT @ 0.10A
15	PSL-15-10	PDL-15-10	10VCT @ 1.5A
	PSL-15-126	PDL-15-126	12.6VCT @ 1.19A
	PSL-15-16	PDL-15-16	16VCT @ 0.94A
	PSL-15-20	PDL-15-20	20VCT @ 0.750A
	PSL-15-24	PDL-15-24	24VCT @ 0.625A
	PSL-15-28	PDL-15-28	28VCT @ 0.536A
	PSL-15-36	PDL-15-36	36VCT @ 0.417A
	PSL-15-48	PDL-15-48	48VCT @ 0.312A
	PSL-15-56	PDL-15-56	56VCT @ 0.268A
	PSL-15-120	PDL-15-120	120VCT @ 0.125A
20	PSL-20-10	PDL-20-10	10VCT @ 2.0A
	PSL-20-126	PDL-20-126	12.6VCT @ 1.58A
	PSL-20-16	PDL-20-16	16VCT @ 1.25A
	PSL-20-20	PDL-20-20	20VCT @ 1.0A
	PSL-20-24	PDL-20-24	24VCT @ 0.834A
	PSL-20-28	PDL-20-28	28VCT @ 0.714A
	PSL-20-36	PDL-20-36	36VCT @ 0.555A
	PSL-20-48	PDL-20-48	48VCT @ 0.417A
	PSL-20-56	PDL-20-56	56VCT @ 0.357A
	PSL-20-120	PDL-20-120	120VCT @ 0.167A

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The Compact Power Transformer

Series: PSL & PDL - Chassis Mount with Lead Wires

Partial Selection Guide (Continued)

VA	Part Number		Secondary
	115V	115/230V	
30	PSL-30-10	PDL-30-10	10VCT @ 3.0A
	PSL-30-12	PDL-30-12	12VCT @ 2.50A
	PSL-30-16	PDL-30-16	16VCT @ 1.875A
	PSL-30-20	PDL-30-20	20VCT @ 1.50A
	PSL-30-24	PDL-30-24	24VCT @ 1.25A
	PSL-30-28	PDL-30-28	28VCT @ 1.071A
	PSL-30-36	PDL-30-36	36VCT @ 0.833A
	PSL-30-48	PDL-30-48	48VCT @ 0.625A
	PSL-30-56	PDL-30-56	56VCT @ 0.536A
	PSL-30-120	PDL-30-120	120VCT @ 0.250A
40	PSL-40-10	PDL-40-10	10VCT @ 4.0A
	PSL-40-12	PDL-40-12	12VCT @ 3.33A
	PSL-40-16	PDL-40-16	16VCT @ 2.50A
	PSL-40-20	PDL-40-20	20VCT @ 2.0A
	PSL-40-24	PDL-40-24	24VCT @ 1.67A
	PSL-40-28	PDL-40-28	28VCT @ 1.43A
	PSL-40-36	PDL-40-36	36VCT @ 1.11A
	PSL-40-48	PDL-40-48	48VCT @ 0.834A
	PSL-40-56	PDL-40-56	56VCT @ 0.714A
	PSL-40-120	PDL-40-120	120VCT @ 0.334A
50	PSL-50-10	PDL-50-10	10VCT @ 5.0A
	PSL-50-12	PDL-50-12	12VCT @ 4.17A
	PSL-50-16	PDL-50-16	16VCT @ 3.125A
	PSL-50-20	PDL-50-20	20VCT @ 2.5A
	PSL-50-24	PDL-50-24	24VCT @ 2.08A
	PSL-50-28	PDL-50-28	28VCT @ 1.78A
	PSL-50-36	PDL-50-36	36VCT @ 1.39A
	PSL-50-48	PDL-50-48	48VCT @ 1.042A
	PSL-50-56	PDL-50-56	56VCT @ 0.893A
	PSL-50-120	PDL-50-120	120VCT @ 0.417A
56	PSL-56-10	PDL-56-10	10VCT @ 5.6A
	PSL-56-12	PDL-56-12	12VCT @ 4.66A
	PSL-56-16	PDL-56-16	16VCT @ 3.15A
	PSL-56-20	PDL-56-20	20VCT @ 2.80A
	PSL-56-24	PDL-56-24	24VCT @ 2.33A
	PSL-56-28	PDL-56-28	28VCT @ 2.00A
	PSL-56-36	PDL-56-36	36VCT @ 1.56A
	PSL-56-48	PDL-56-48	48VCT @ 1.17A
	PSL-56-56	PDL-56-56	56VCT @ 1.0A
	PSL-56-120	PDL-56-120	120VCT @ 0.47A

VA	Part Number		Secondary
	115V	115/230V	
75	PSL-75-10	PDL-75-10	10VCT @ 7.50A
	PSL-75-12	PDL-75-12	12VCT @ 6.25A
	PSL-75-16	PDL-75-16	16VCT @ 4.69A
	PSL-75-20	PDL-75-20	20VCT @ 3.75A
	PSL-75-24	PDL-75-24	24VCT @ 3.125A
	PSL-75-28	PDL-75-28	28VCT @ 2.68A
	PSL-75-36	PDL-75-36	36VCT @ 2.08A
	PSL-75-48	PDL-75-48	48VCT @ 1.56A
	PSL-75-56	PDL-75-56	56VCT @ 1.34A
	PSL-75-120	PDL-75-120	120VCT @ 0.47A
80	PSL-80-10	PDL-80-10	10VCT @ 8.0A
	PSL-80-12	PDL-80-12	12VCT @ 6.66A
	PSL-80-16	PDL-80-16	16VCT @ 5.00A
	PSL-80-20	PDL-80-20	20VCT @ 4.00A
	PSL-80-24	PDL-80-24	24VCT @ 3.33A
	PSL-80-28	PDL-80-28	28VCT @ 2.86A
	PSL-80-36	PDL-80-36	36VCT @ 2.22A
	PSL-80-48	PDL-80-48	48VCT @ 1.67A
	PSL-80-56	PDL-80-56	56VCT @ 1.43A
	PSL-80-120	PDL-80-120	120VCT @ 0.67A
100	PSL-100-10	PDL-100-10	10VCT @ 10A
	PSL-100-12	PDL-100-12	12VCT @ 8.33A
	PSL-100-16	PDL-100-16	16VCT @ 6.25A
	PSL-100-20	PDL-100-20	20VCT @ 5.0A
	PSL-100-24	PDL-100-24	24VCT @ 4.17A
	PSL-100-28	PDL-100-28	28VCT @ 3.57A
	PSL-100-36	PDL-100-36	36VCT @ 2.78A
	PSL-100-48	PDL-100-48	48VCT @ 2.08A
	PSL-100-56	PDL-100-56	56VCT @ 1.79A
	PSL-100-120	PDL-100-120	120VCT @ 0.833A

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The Compact Isolation Transformer

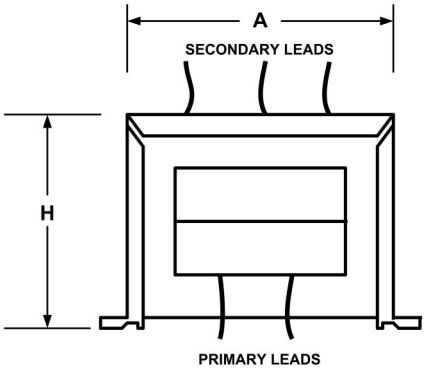
Series: P24L - Chassis Mount with Lead Wires

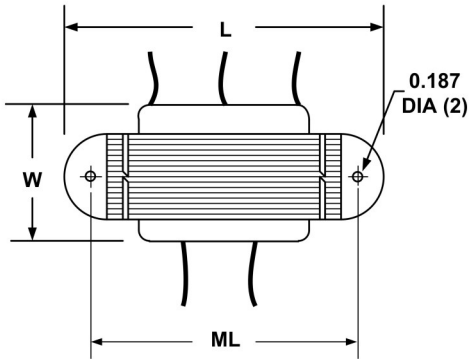
- Power Rating 2.4VA to 100VA
- Single Primary, 24V
- Frequency 50/60HZ
- Center-tapped Secondary, 24V
- Dielectric Strength – 2500 Vrms
- Insulation Class B (130°C)
- Low Capacitive Coupling, no Electrostatic Shield Needed
- Color Coded Hook-up Wires

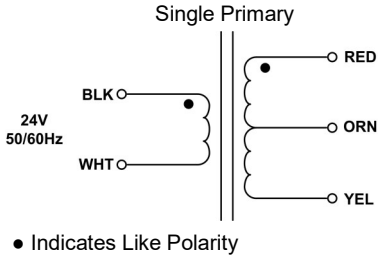


Agency Approvals:

- UL/cUL 5085-2 Recognized (File E47299)
- Insulation File No. E95662







Primaries and Secondaries are designed to be used simultaneously. That is, they must be used either series or parallel connected (as one winding). Same applies to secondaries also.

VA Rating	Part Number	Secondary	Dimensions (Inches)					Wt. lbs
			L	W	H	A	ML	
2.4	P24L-24-24	24VCT @ 0.100A	2.063	1.40	1.19	1.45	1.75	0.25
6	P24L-06-24	24VCT @ 0.250A	2.375	1.50	1.38	1.70	2.00	0.44
12	P24L-12-24	24VCT @ 0.500A	2.813	1.64	1.62	1.95	2.38	0.70
20	P24L-20-24	24VCT @ 0.833A	3.250	1.60	1.94	2.32	2.81	1.10
30	P24L-30-24	24VCT @ 1.25A	3.250	2.00	1.94	2.32	2.81	1.10
36	P24L-36-24	24VCT @ 1.50A	3.688	1.56	2.25	2.70	3.12	1.70
40	P24L-40-24	24VCT @ 1.67A	3.688	1.95	2.25	2.70	3.12	1.70
50	P24L-50-24	24VCT @ 2.083A	3.688	2.13	2.25	2.70	3.12	1.70
56	P24L-56-24	24VCT @ 2.33A	3.688	2.13	2.25	2.70	3.12	1.70
75	P24L-75-24	24VCT @ 3.125A	4.031	2.25	2.56	3.08	3.56	2.75
100	P24L-100-24	24VCT @ 4.17A	4.031	2.50	2.56	3.08	3.56	2.75

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Fuse Rating Chart
VDE & Class 2 Power Transformers

		Parallel Connections			Series Connections		
VA	Secondary Voltage AC	Rated Current	VDE Fuse	Class 2 Fuse	Rated Current	VDE Fuse	Class 2 Fuse
1.0	5.0/10.0	200mA	200mA	200mA	100mA	100mA	100mA
	6.3/12.6	158mA	160mA	175mA	79mA	80mA	100mA
	8.0/16.0	125mA	125mA	125mA	63mA	63mA	62mA
	9.0/18.0	111mA	125mA	125mA	55mA	63mA	62mA
	10.0/20.0	100mA	100mA	100mA	50mA	50mA	62mA
	12.0/24.0	83mA	100mA	-	42mA	50mA	-
	14.0/28.0	71mA	80mA	-	36mA	40mA	-
	18.0/36.0	55mA	63mA	-	28mA	32mA	-
2.5	5.0/10.0	500mA	500mA	500mA	250mA	250mA	250mA
	6.3/12.6	396mA	400mA	400mA	198mA	200mA	200mA
	8.0/16.0	312mA	315mA	375mA	156mA	160mA	156mA
	9.0/18.0	277mA	315mA	300mA	138mA	160mA	140mA
	10.0/20.0	250mA	250mA	-	125mA	125mA	-
	12.0/24.0	208mA	250mA	-	104mA	125mA	-
	14.0/28.0	178mA	200mA	-	89mA	100mA	-
	18.0/36.0	138mA	160mA	-	69mA	80mA	-
5.0	5.0/10.0	1.00A	1.00A	1.00A	500mA	500mA	500mA
	6.3/12.6	793mA	800mA	800mA	396mA	400mA	400mA
	8.0/16.0	624mA	630mA	700mA	312mA	315mA	375mA
	9.0/18.0	555mA	630mA	600mA	277mA	315mA	300mA
	10.0/20.0	500mA	500mA	500mA	250mA	250mA	250mA
	12.0/24.0	416mA	500mA	-	208mA	250mA	-
	14.0/28.0	357mA	400mA	-	178mA	200mA	-
	18.0/36.0	277mA	315mA	-	138mA	160mA	-
10.0	5.0/10.0	2.00A	2.00A	2.00A	1.00A	1.00A	1.00A
	6.3/12.6	1.59A	1.60A	1.60A	794mA	800mA	800mA
	8.0/16.0	1.25A	1.25A	1.25A	625mA	630mA	700mA
	9.0/18.0	1.11A	1.25A	1.25A	555mA	630mA	600mA
	10.0/20.0	1.00A	1.00A	1.00A	500mA	500mA	500mA
	12.0/24.0	833mA	1.00A	-	416mA	500mA	-
	14.0/28.0	714mA	800mA	-	357mA	400mA	-
	18.0/36.0	555mA	630mA	-	277mA	315mA	-
20.0	5.0/10.0	4.00A	4.00A	4.00A	2.00A	2.00A	2.00A
	6.3/12.6	3.15A	3.15A	3.20A	1.58A	1.60A	1.60A
	8.0/16.0	2.50A	2.50A	2.50A	1.25A	1.25A	1.25A
	9.0/18.0	2.22A	2.50A	2.25A	1.11A	1.25A	1.25A
	10.0/20.0	2.00A	2.00A	2.00A	1.00A	1.00A	1.00A
	12.0/24.0	1.67A	1.60A	1.80A	833mA	800mA	1.00A
	14.0/28.0	1.42A	1.60A	-	714mA	800mA	-
	18.0/36.0	1.11A	1.25A	-	555mA	630mA	-

VA	Secondary Voltage AC	Rated Current	VDE Rated Fuse Current	Class 2 Rated Fuse Current
25 LP	5.0/10.0	2.50A	2.50A	2.50A
	6.3/12.6	1.98A	2.00A	2.00A
	8.0/16.0	1.56A	1.60A	1.60A
	9.0/18.0	1.39A	1.60A	1.50A
	10.0/20.0	1.25A	1.25A	1.25A
	12.0/24.0	1.04A	1.00A	1.00A
	14.0/28.0	892mA	1.00A	-
	18.0/36.0	694mA	800mA	-
	22.0/44.0	568mA	630mA	-

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Fuse Rating Chart
VDE & Class 2 Power Transformers

		Parallel Connections			Series Connections		
VA	Secondary Voltage AC	Rated Current	VDE Fuse	Class 2 Fuse	Rated Current	VDE Fuse	Class 2 Fuse
25	5.0/10.0	5.00A	5.00A	5.00A	2.50A	2.50A	2.50A
	6.3/12.6	3.96A	4.00A	4.00A	1.98A	2.00A	2.00A
	8.0/16.0	3.12A	3.15A	3.20A	1.56A	1.60A	1.60A
	9.0/18.0	2.78A	3.15A	2.80A	1.39A	1.60A	1.50A
	10.0/20.0	2.50A	2.50A	2.50A	1.25A	1.25A	1.25A
	12.0/24.0	2.08A	2.00A	2.00A	1.04A	1.00A	1.00A
	14.0/28.0	1.78A	2.00A	-	892mA	1.00A	-
	18.0/36.0	1.38A	1.60A	-	694mA	800mA	-
30	5.0/10.0	6.00A	6.30A	-	3.00A	3.15A	-
	6.3/12.6	4.80A	5.00A	5.00A	2.40A	2.50A	2.50A
	8.0/16.0	3.76A	4.00A	4.00A	1.88A	2.00A	2.00A
	9.0/18.0	3.15A	3.15A	4.00A	1.60A	1.60A	1.80A
	10.0/20.0	3.00A	3.15A	3.00A	1.50A	1.60A	1.50A
	12.0/24.0	2.50A	2.50A	3.00A	1.25A	1.25A	1.25A
	14.0/28.0	2.00A	2.00A	-	1.00A	1.00A	-
	18.0/36.0	1.60A	1.60A	-	800mA	800mA	-
30 LP	5.0/10.0	6.00A	6.30A	-	3.00A	3.15A	-
	6.3/12.6	4.76A	5.00A	5.00A	2.38A	2.50A	2.50A
	8.0/16.0	3.74A	4.00A	4.00A	1.87A	2.00A	2.00A
	9.0/18.0	3.33A	3.15A	4.00A	1.66A	1.60A	1.80A
	10.0/20.0	3.00A	3.15A	3.00A	1.50A	1.60A	1.50A
	12.0/24.0	2.50A	2.50A	3.00A	1.25A	1.25A	1.25A
	14.0/28.0	2.14A	2.00A	-	1.07A	1.00A	-
	18.0/36.0	1.67A	1.60A	-	833mA	800mA	-
40	5.0/10.0	-	-	-	4.00A	4.00A	-
	6.3/12.6	6.30A	6.30A	6.30A	3.15A	3.15A	3.20A
	8.0/16.0	5.00A	5.00A	5.00A	2.50A	2.50A	2.50A
	9.0/18.0	4.44A	5.00A	5.00A	2.22A	2.50A	2.25A
	10.0/20.0	4.00A	4.00A	4.00A	2.00A	2.00A	2.00A
	12.0/24.0	3.33A	3.15A	4.00A	1.66A	1.60A	1.80A
	14.0/28.0	2.84A	3.15A	-	1.42A	1.60A	-
	18.0/36.0	2.22A	2.50A	-	1.11A	1.25A	-
43	5.0/10.0	-	-	-	4.30A	4.00A	-
	6.3/12.6	-	-	-	3.41A	3.15A	4.00A
	8.0/16.0	5.38A	6.30A	6.25A	2.68A	3.15A	2.80A
	9.0/18.0	4.77A	5.00A	5.00A	2.38A	2.50A	2.50A
	10.0/20.0	4.30A	5.00A	5.00A	2.15A	2.50A	2.25A
	12.0/24.0	3.58A	4.00A	4.00A	1.79A	2.00A	1.80A
	14.0/28.0	3.07A	3.15A	-	1.53A	1.60A	-
	18.0/36.0	2.38A	2.50A	-	1.19A	1.25A	-
50	5.0/10.0	-	-	-	5.00A	5.00A	-
	6.3/12.6	-	-	-	4.00A	4.00A	-
	8.0/16.0	6.25A	6.30A	-	3.12A	3.15A	-
	9.0/18.0	5.55A	6.30A	-	2.77A	3.15A	-
	10.0/20.0	5.00A	5.00A	5.00A	2.50A	2.50A	2.50A
	12.0/24.0	4.16A	4.00A	5.00A	2.08A	2.00A	2.25A
	14.0/28.0	3.56A	4.00A	-	1.78A	2.00A	-
	18.0/36.0	2.76A	3.15A	-	1.38A	1.60A	-

Any application, Any requirement, Contact us for our Custom Designs

Fuse Rating Chart
VDE & Class 2 Power Transformers

		Parallel Connections			Series Connections		
VA	Secondary Voltage AC	Rated Current	VDE Fuse	Class 2 Fuse	Rated Current	VDE Fuse	Class 2 Fuse
56	5.0/10.0	-	-	-	5.60A	6.30A	-
	6.3/12.6	-	-	-	4.44A	5.00A	-
	8.0/16.0	-	-	-	3.50A	4.00A	-
	9.0/18.0	6.22A	6.30A	-	3.11A	3.15A	-
	10.0/20.0	5.60A	6.30A	-	2.80A	3.15A	-
	12.0/24.0	4.66A	5.00A	5.00A	2.33A	2.50A	2.50A
	14.0/28.0	4.00A	4.00A	-	2.00A	2.00A	-
	18.0/36.0	3.11A	3.15A	-	1.55A	1.60A	-
56LP	5.0/10.0	-	-	-	-	-	-
	6.3/12.6	-	-	-	-	-	-
	8.0/16.0	-	-	-	-	-	-
	9.0/18.0	6.22A	6.30A	-	3.11A	3.15A	-
	10.0/20.0	-	-	-	-	-	-
	12.0/24.0	4.66A	5.00A	5.00A	2.33A	2.50A	2.50A
	14.0/28.0	4.00A	4.00A	-	2.00A	2.00A	-
	18.0/36.0	3.11A	3.15A	-	1.55A	1.60A	-

All models designed for the International market will use a fuse that meets IEC 127-2 sheet III specification for time lag fuses.

With the secondary connected either in series or parallel for the correct output voltage, the fuse will be used in series with the output (load) circuit, external of the transformer.

UL/cUL 5085-2 (UL 506) Transformers - Wabash File No. E47299

These requirements cover air-cooled transformers and reactors for general use, ignition transformers for use with gas burners and oil burners. Transformers incorporating over-current or over-temperature protective devices, transient voltage surge protectors, or power factor correction capacitors are also covered by these requirements. These transformers are intended to be used in accordance with the National Electrical Code, NFPA70.

UL/cUL 5085-3 Class 2 and Class 3 Transformers - Wabash File No. E49606

Transformers covered by this requirement are called Class 2 and Class 3 transformers, and are intended to be used in accordance with the National electrical code, ANSI/NFPA 70. Permanently connected transformers are rated 600 volts or less, and cord or plug connected transformers are rated 120 volts or less.

A Class 2 transformers have a 30-volt rms maximum secondary voltage under any condition of loading or open circuit.

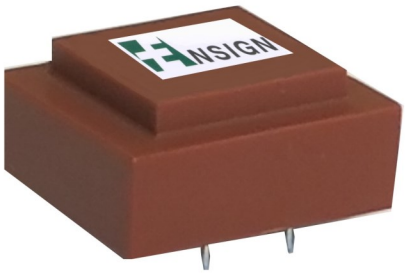
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Notes:

Encapsulated Power Transformer

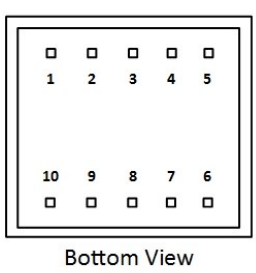
Series: EI30, 0.6VA - 3.2VA



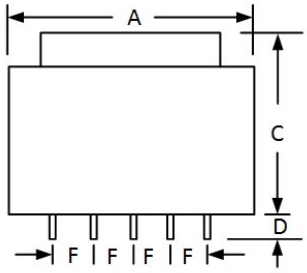
- **Power Rating 0.6VA to 3.2VA**
- **Frequency 50/60Hz**
- **Insulation Class B (130°C)**
- **Ambient Temperature (ta) – 40°C or 70°C**
- **Dielectric Strength – 3750 Vrms**
- **Potted under vacuum**
- **Short-circuit proof**

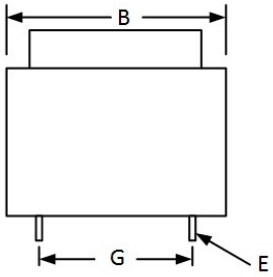
Agency Approvals:

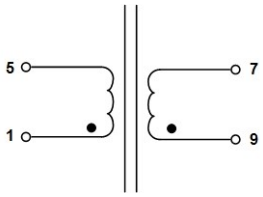
- **C-UL: CSA C22.2 #66**
- **UL: UL5085-2**
- **TUV: EN61558**



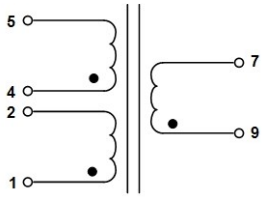
Bottom View



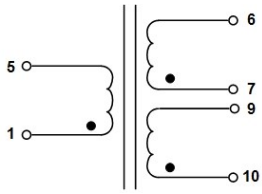




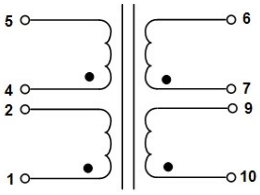
PV30S / PV30US Series



PV30MS Series



PV30D / PV30UD Series



PV30MD Series

Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 5 and Jumper Pins 2 & 4
		Parallel	Input Pin 1 & Pin 5 and Jumper Pins 1 & 4, 2 & 5
	Secondary	Series	Output Pin 7 & 9 and Jumper Pins 6 & 10
		Parallel	Output Pin 7 & 9 and Jumper Pins 7 & 10, 6 & 9

** All Dimensions are in millimeters (mm)*

VA Rating	Size	A (±0.5)	B (±0.5)	C (±0.5)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.5)	Wt. gm.
0.6	5	32.6	27.6	15.2	4.0	SQ0.64	5.0	20.0	40
1.0 / 1.2 / 1.5	12.5	32.3	27.3	21.3	4.0	SQ0.64	5.0	20.0	80
1.8 / 2.1 / 2.4 / 2.6	15.5	32.6	27.6	27.8	4.0	SQ0.64	5.0	20.0	100
2.3 / 2.7 / 2.8	18.0	32.6	27.6	29.8	4.0	SQ0.64	5.0	20.0	110
2.7 / 2.8 / 2.9 / 3.0 / 3.2	23.0	32.6	27.6	34.3	4.0	SQ0.64	5.0	20.0	130

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
0.6VA / 5	230	PV30S-060-100	6	100	PV30D-060-050	2 x 6	50	70	TUV CE
		PV30S-072-083	7.2	83	PV30D-072-042	2 x 7.2	42		
		PV30S-090-067	9	67	PV30D-090-033	2 x 9	33		
		PV30S-100-060	10	60	PV30D-100-030	2 x 10	30		
		PV30S-120-050	12	50	PV30D-120-025	2 x 12	25		
		PV30S-150-040	15	40	PV30D-150-020	2 x 15	20		
		PV30S-180-033	18	33	PV30D-180-017	2 x 18	17		
		PV30S-240-025	24	25	PV30D-240-012	2 x 24	12		
	115	PV30US-060-100	6	100	PV30UD-060-050	2 x 6	50	70	UL C-UL
		PV30US-072-083	7.2	83	PV30UD-072-042	2 x 7.2	42		
		PV30US-090-067	9	67	PV30UD-090-033	2 x 9	33		
		PV30US-100-060	10	60	PV30UD-100-030	2 x 10	30		
		PV30US-120-050	12	50	PV30UD-120-025	2 x 12	25		
		PV30US-150-040	15	40	PV30UD-150-020	2 x 15	20		
		PV30US-180-033	18	33	PV30UD-180-017	2 x 18	17		
		PV30US-240-025	24	25	PV30UD-240-012	2 x 24	12		
	2X115	PV30MS-060-100	6	100	PV30MD-060-050	2 x 6	50	70	UL C-UL TUV CE
		PV30MS-072-083	7.2	83	PV30MD-072-042	2 x 7.2	42		
		PV30MS-090-067	9	67	PV30MD-090-033	2 x 9	33		
		PV30MS-100-060	10	60	PV30MD-100-030	2 x 10	30		
		PV30MS-120-050	12	50	PV30MD-120-025	2 x 12	25		
		PV30MS-150-040	15	40	PV30MD-150-020	2 x 15	20		
		PV30MS-180-033	18	33	PV30MD-180-017	2 x 18	17		
		PV30MS-240-025	24	25	PV30MD-240-012	2 x 24	12		
1.0VA / 12.5	230	PV30S-060-167	6	167	PV30D-060-083	2 x 6	83	70	TUV CE
		PV30S-072-139	7.2	139	PV30D-072-069	2 x 7.2	69		
		PV30S-090-111	9	111	PV30D-090-056	2 x 9	56		
		PV30S-100-100	10	100	PV30D-100-050	2 x10	50		
		PV30S-120-083	12	83	PV30D-120-042	2 x12	42		
		PV30S-150-067	15	67	PV30D-150-033	2 x 15	33		
		PV30S-180-056	18	56	PV30D-180-028	2 x 18	28		
		PV30S-240-042	24	42	PV30D-240-021	2 x 24	21		
	115	PV30US-060-167	6	167	PV30UD-060-083	2 x 6	83	70	UL C-UL
		PV30US-072-139	7.2	139	PV30UD-072-069	2 x 7.2	69		
		PV30US-090-111	9	111	PV30UD-090-056	2 x 9	56		
		PV30US-100-100	10	100	PV30UD-100-050	2 x 10	50		
		PV30US-120-083	12	83	PV30UD-120-042	2 x 12	42		
		PV30US-150-067	15	67	PV30UD-150-033	2 x 15	33		
		PV30US-180-056	18	56	PV30UD-180-028	2 x 18	28		
		PV30US-240-042	24	42	PV30UD-240-021	2 x 24	21		
	2X115	PV30MS-060-167	6	167	PV30MD-060-083	2 x 6	83	70	UL C-UL TUV CE
		PV30MS-072-139	7.2	139	PV30MD-072-069	2 x 7.2	69		
		PV30MS-090-111	9	111	PV30MD-090-056	2 x 9	56		
		PV30MS-100-100	10	100	PV30MD-100-050	2 x 10	50		
		PV30MS-120-083	12	83	PV30MD-120-042	2 x 12	42		
		PV30MS-150-067	15	67	PV30MD-150-033	2 x 15	33		
		PV30MS-180-056	18	56	PV30MD-180-028	2 x 18	28		
		PV30MS-240-042	24	42	PV30MD-240-021	2 x 24	21		

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
1.2VA / 12.5	230	PV30S-060-200	6	200	PV30D-060-100	2 x 6	100	70	TUV CE
		PV30S-072-167	7.2	167	PV30D-072-083	2 x 7.2	83		
		PV30S-090-133	9	133	PV30D-090-067	2 x 9	67		
		PV30S-100-120	10	120	PV30D-100-060	2 x10	60		
		PV30S-120-100	12	100	PV30D-120-050	2 x 12	50		
		PV30S-150-080	15	80	PV30D-150-040	2 x 15	40		
		PV30S-180-067	18	67	PV30D-180-033	2 x 18	33		
		PV30S-240-050	24	50	PV30D-240-025	2 x 24	25		
	115	PV30US-060-200	6	200	PV30UD-060-100	2 x 6	100	70	UL C-UL
		PV30US-072-167	7.2	167	PV30UD-072-083	2 x 7.2	83		
		PV30US-090-133	9	133	PV30UD-090-067	2 x 9	67		
		PV30US-100-120	10	120	PV30UD-100-060	2 x 10	60		
		PV30US-120-100	12	100	PV30UD-120-050	2 x 12	50		
		PV30US-150-080	15	80	PV30UD-150-040	2 x 15	40		
		PV30US-180-067	18	67	PV30UD-180-033	2 x 18	33		
		PV30US-240-050	24	50	PV30UD-240-025	2 x 24	25		
	2X115	PV30MS-060-200	6	200	PV30MD-060-100	2 x 6	100	70	UL C-UL TUV CE
		PV30MS-072-167	7.2	167	PV30MD-072-083	2 x 7.2	83		
		PV30MS-090-133	9	133	PV30MD-090-067	2 x 9	67		
		PV30MS-100-120	10	120	PV30MD-100-060	2 x 10	60		
		PV30MS-120-100	12	100	PV30MD-120-050	2 x 12	50		
		PV30MS-150-080	15	80	PV30MD-150-040	2 x 15	40		
		PV30MS-180-067	18	67	PV30MD-180-033	2 x 18	33		
		PV30MS-240-050	24	50	PV30MD-240-025	2 x 24	25		
1.5VA / 12.5	230	PV30S-060-250	6	250	PV30D-060-125	2 x 6	125	70	TUV CE
		PV30S-072-208	7.2	208	PV30D-072-104	2 x 7.2	104		
		PV30S-090-167	9	167	PV30D-090-083	2 x 9	83		
		PV30S-100-150	10	150	PV30D-100-075	2 x 10	75		
		PV30S-120-125	12	125	PV30D-120-062	2 x 12	62		
		PV30S-150-100	15	100	PV30D-150-050	2 x 15	50		
		PV30S-180-083	18	83	PV30D-180-042	2 x 18	42		
		PV30S-240-062	24	62	PV30D-240-031	2 x 24	31		
	115	PV30US-060-250	6	250	PV30UD-060-125	2 x 6	125	70	UL C-UL
		PV30US-072-208	7.2	208	PV30UD-072-104	2 x 7.2	104		
		PV30US-090-167	9	167	PV30UD-090-083	2 x 9	83		
		PV30US-100-150	10	150	PV30UD-100-075	2 x 10	75		
		PV30US-120-125	12	125	PV30UD-120-062	2 x 12	62		
		PV30US-150-100	15	100	PV30UD-150-050	2 x 15	50		
		PV30US-180-083	18	83	PV30UD-180-042	2 x 18	42		
		PV30US-240-062	24	62	PV30UD-240-031	2 x 24	31		
	2x115	PV30MS-060-250	6	250	PV30MD-060-125	2 x 6	125	70	UL C-UL TUV CE
		PV30MS-072-208	7.2	208	PV30MD-072-104	2 x 7.2	104		
		PV30MS-090-167	9	167	PV30MD-090-083	2 x 9	83		
		PV30MS-100-150	10	150	PV30MD-100-075	2 x 10	75		
		PV30MS-120-125	12	125	PV30MD-120-062	2 x 12	62		
		PV30MS-150-100	15	100	PV30MD-150-050	2 x 15	50		
		PV30MS-180-083	18	83	PV30MD-180-042	2 x 18	42		
		PV30MS-240-062	24	62	PV30MD-240-031	2 x 24	31		

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
1.8VA / 15.5	230	PV30S-060-300	6	300	PV30D-060-150	2 x 6	150	70	TUV CE
		PV30S-072-250	7.2	250	PV30D-072-125	2 x 7.2	125		
		PV30S-090-200	9	200	PV30D-090-100	2 x 9	100		
		PV30S-100-180	10	180	PV30D-100-090	2 x10	90		
		PV30S-120-150	12	150	PV30D-120-075	2 x12	75		
		PV30S-150-120	15	120	PV30D-150-060	2 x 15	60		
		PV30S-180-100	18	100	PV30D-180-050	2 x 18	50		
		PV30S-240-076	24	76	PV30D-240-038	2 x 24	38		
	115	PV30US-060-300	6	300	PV30UD-060-150	2 x 6	150	70	UL C-UL
		PV30US-072-250	7.2	250	PV30UD-072-125	2 x 7.2	125		
		PV30US-090-200	9	200	PV30UD-090-100	2 x 9	100		
		PV30US-100-180	10	180	PV30UD-100-090	2 x 10	90		
		PV30US-120-150	12	150	PV30UD-120-075	2 x 12	75		
		PV30US-150-120	15	120	PV30UD-150-060	2 x 15	60		
		PV30US-180-100	18	100	PV30UD-180-050	2 x 18	50		
		PV30US-240-076	24	76	PV30UD-240-038	2 x 24	38		
	2X115	PV30MS-060-300	6	300	PV30MD-060-150	2 x 6	150	70	UL C-UL TUV CE
		PV30MS-072-250	7.2	250	PV30MD-072-125	2 x 7.2	125		
		PV30MS-090-200	9	200	PV30MD-090-100	2 x 9	100		
		PV30MS-100-180	10	180	PV30MD-100-090	2 x 10	90		
		PV30MS-120-150	12	150	PV30MD-120-075	2 x 12	75		
		PV30MS-150-120	15	120	PV30MD-150-060	2 x 15	60		
		PV30MS-180-100	18	100	PV30MD-180-050	2 x 18	50		
		PV30MS-240-076	24	76	PV30MD-240-038	2 x 24	38		
2.1VA / 15.5	230	PV30S-060-350	6	350	PV30D-060-175	2 x 6	175	70	TUV CE
		PV30S-072-292	7.2	292	PV30D-072-146	2 x 7.2	146		
		PV30S-090-234	9	234	PV30D-090-117	2 x 9	117		
		PV30S-100-210	10	210	PV30D-100-105	2 x10	105		
		PV30S-120-176	12	176	PV30D-120-088	2 x 12	88		
		PV30S-150-140	15	140	PV30D-150-070	2 x 15	70		
		PV30S-180-118	18	118	PV30D-180-059	2 x 18	59		
		PV30S-240-088	24	88	PV30D-240-044	2 x 24	44		
	115	PV30US-060-350	6	350	PV30UD-060-175	2 x 6	175	70	UL C-UL
		PV30US-072-292	7.2	292	PV30UD-072-146	2 x 7.2	146		
		PV30US-090-234	9	234	PV30UD-090-117	2 x 9	117		
		PV30US-100-210	10	210	PV30UD-100-105	2 x 10	105		
		PV30US-120-176	12	176	PV30UD-120-088	2 x 12	88		
		PV30US-150-140	15	140	PV30UD-150-070	2 x 15	70		
		PV30US-180-118	18	118	PV30UD-180-059	2 x 18	59		
		PV30US-240-088	24	88	PV30UD-240-044	2 x 24	44		
	2x115	PV30MS-060-350	6	350	PV30MD-060-175	2 x 6	175	70	UL C-UL TUV CE
		PV30MS-072-292	7.2	292	PV30MD-072-146	2 x 7.2	146		
		PV30MS-090-234	9	234	PV30MD-090-117	2 x 9	117		
		PV30MS-100-210	10	210	PV30MD-100-105	2 x 10	105		
		PV30MS-120-176	12	176	PV30MD-120-088	2 x 12	88		
		PV30MS-150-140	15	140	PV30MD-150-070	2 x 15	70		
		PV30MS-180-118	18	118	PV30MD-180-059	2 x 18	59		
		PV30MS-240-088	24	88	PV30MD-240-044	2 x 24	44		

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
2.4VA / 15.5	230	PV30S-060-400	6	400	PV30D-060-200	2 x 6	200	40	TUV CE
		PV30S-072-334	7.2	334	PV30D-072-167	2 x 7.2	167		
		PV30S-090-268	9	268	PV30D-090-134	2 x 9	134		
		PV30S-100-240	10	240	PV30D-100-120	2 x10	120		
		PV30S-120-200	12	200	PV30D-120-100	2 x12	100		
		PV30S-150-160	15	160	PV30D-150-080	2 x 15	80		
		PV30S-180-134	18	134	PV30D-180-067	2 x 18	67		
		PV30S-240-100	24	100	PV30D-240-050	2 x 24	50		
	115	PV30US-060-400	6	400	PV30UD-060-200	2 x 6	200	40	UL C-UL
		PV30US-072-334	7.2	334	PV30UD-072-167	2 x 7.2	167		
		PV30US-090-268	9	268	PV30UD-090-134	2 x 9	134		
		PV30US-100-240	10	240	PV30UD-100-120	2 x 10	120		
		PV30US-120-200	12	200	PV30UD-120-100	2 x 12	100		
		PV30US-150-160	15	160	PV30UD-150-080	2 x 15	80		
		PV30US-180-134	18	134	PV30UD-180-067	2 x 18	67		
		PV30US-240-100	24	100	PV30UD-240-050	2 x 24	50		
	2X115	PV30MS-060-400	6	400	PV30MD-060-200	2 x 6	200	40	UL C-UL TUV CE
		PV30MS-072-334	7.2	334	PV30MD-072-167	2 x 7.2	167		
		PV30MS-090-268	9	268	PV30MD-090-134	2 x 9	134		
		PV30MS-100-240	10	240	PV30MD-100-120	2 x 10	120		
		PV30MS-120-200	12	200	PV30MD-120-100	2 x 12	100		
		PV30MS-150-160	15	160	PV30MD-150-080	2 x 15	80		
		PV30MS-180-134	18	134	PV30MD-180-067	2 x 18	67		
		PV30MS-240-100	24	100	PV30MD-240-050	2 x 24	50		
2.6VA / 15.5	230	PV30S-060-433	6	433	PV30D-060-216	2 x 6	216	40	TUV CE
		PV30S-072-361	7.2	361	PV30D-072-180	2 x 7.2	180		
		PV30S-090-289	9	289	PV30D-090-144	2 x 9	144		
		PV30S-100-260	10	260	PV30D-100-130	2 x10	130		
		PV30S-120-216	12	216	PV30D-120-108	2 x 12	108		
		PV30S-150-173	15	173	PV30D-150-086	2 x 15	86		
		PV30S-180-144	18	144	PV30D-180-072	2 x 18	72		
		PV30S-240-108	24	108	PV30D-240-054	2 x 24	54		
	115	PV30US-060-433	6	433	PV30UD-060-216	2 x 6	216	40	UL C-UL
		PV30US-072-361	7.2	361	PV30UD-072-180	2 x 7.2	180		
		PV30US-090-289	9	289	PV30UD-090-144	2 x 9	144		
		PV30US-100-260	10	260	PV30UD-100-130	2 x 10	130		
		PV30US-120-216	12	216	PV30UD-120-108	2 x 12	108		
		PV30US-150-173	15	173	PV30UD-150-086	2 x 15	86		
		PV30US-180-144	18	144	PV30UD-180-072	2 x 18	72		
		PV30US-240-108	24	108	PV30UD-240-054	2 x 24	54		
	2x115	PV30MS-060-433	6	433	PV30MD-060-216	2 x 6	216	40	UL C-UL TUV CE
		PV30MS-072-361	7.2	361	PV30MD-072-180	2 x 7.2	180		
		PV30MS-090-289	9	289	PV30MD-090-144	2 x 9	144		
		PV30MS-100-260	10	260	PV30MD-100-130	2 x 10	130		
		PV30MS-120-216	12	216	PV30MD-120-108	2 x 12	108		
		PV30MS-150-173	15	173	PV30MD-150-086	2 x 15	86		
		PV30MS-180-144	18	144	PV30MD-180-072	2 x 18	72		
		PV30MS-240-108	24	108	PV30MD-240-054	2 x 24	54		

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
2.3VA / 18.0	230	PV30S-060-383	6	383	PV30D-060-191	2 x 6	191	70	TUV CE
		PV30S-072-319	7.2	319	PV30D-072-160	2 x 7.2	160		
		PV30S-090-255	9	255	PV30D-090-128	2 x 9	128		
		PV30S-100-230	10	230	PV30D-100-115	2 x10	115		
		PV30S-120-192	12	192	PV30D-120-096	2 x12	96		
		PV30S-150-153	15	153	PV30D-150-076	2 x 15	76		
		PV30S-180-128	18	128	PV30D-180-064	2 x 18	64		
		PV30S-240-096	24	96	PV30D-240-048	2 x 24	48		
	115	PV30US-060-383	6	383	PV30UD-060-191	2 x 6	191	70	UL C-UL
		PV30US-072-319	7.2	319	PV30UD-072-160	2 x 7.2	160		
		PV30US-090-255	9	255	PV30UD-090-128	2 x 9	128		
		PV30US-100-230	10	230	PV30UD-100-115	2 x 10	115		
		PV30US-120-192	12	192	PV30UD-120-096	2 x 12	96		
		PV30US-150-153	15	153	PV30UD-150-076	2 x 15	76		
		PV30US-180-128	18	128	PV30UD-180-064	2 x 18	64		
		PV30US-240-096	24	96	PV30UD-240-048	2 x 24	48		
	2X115	PV30MS-060-383	6	383	PV30MD-060-191	2 x 6	191	70	UL C-UL TUV CE
		PV30MS-072-319	7.2	319	PV30MD-072-160	2 x 7.2	160		
		PV30MS-090-255	9	255	PV30MD-090-128	2 x 9	128		
		PV30MS-100-230	10	230	PV30MD-100-115	2 x 10	115		
		PV30MS-120-192	12	192	PV30MD-120-096	2 x 12	96		
		PV30MS-150-153	15	153	PV30MD-150-076	2 x 15	76		
		PV30MS-180-128	18	128	PV30MD-180-064	2 x 18	64		
		PV30MS-240-096	24	96	PV30MD-240-048	2 x 24	48		
2.7VA / 18.0	230	PV30S-060-450	6	450	PV30D-060-225	2 x 6	225	40	TUV CE
		PV30S-072-375	7.2	375	PV30D-072-187	2 x 7.2	187		
		PV30S-090-300	9	300	PV30D-090-150	2 x 9	150		
		PV30S-100-270	10	270	PV30D-100-135	2 x10	135		
		PV30S-120-225	12	225	PV30D-120-112	2 x 12	112		
		PV30S-150-180	15	180	PV30D-150-090	2 x 15	90		
		PV30S-180-150	18	150	PV30D-180-075	2 x 18	75		
		PV30S-240-112	24	112	PV30D-240-056	2 x 24	56		
	115	PV30US-060-450	6	450	PV30UD-060-225	2 x 6	225	40	UL C-UL
		PV30US-072-375	7.2	375	PV30UD-072-187	2 x 7.2	187		
		PV30US-090-300	9	300	PV30UD-090-150	2 x 9	150		
		PV30US-100-270	10	270	PV30UD-100-135	2 x 10	135		
		PV30US-120-225	12	225	PV30UD-120-112	2 x 12	112		
		PV30US-150-180	15	180	PV30UD-150-090	2 x 15	90		
		PV30US-180-150	18	150	PV30UD-180-075	2 x 18	75		
		PV30US-240-112	24	112	PV30UD-240-056	2 x 24	56		
	2x115	PV30MS-060-450	6	450	PV30MD-060-225	2 x 6	225	40	UL C-UL TUV CE
		PV30MS-072-375	7.2	375	PV30MD-072-187	2 x 7.2	187		
		PV30MS-090-300	9	300	PV30MD-090-150	2 x 9	150		
		PV30MS-100-270	10	270	PV30MD-100-135	2 x 10	135		
		PV30MS-120-225	12	225	PV30MD-120-112	2 x 12	112		
		PV30MS-150-180	15	180	PV30MD-150-090	2 x 15	90		
		PV30MS-180-150	18	150	PV30MD-180-075	2 x 18	75		
		PV30MS-240-112	24	112	PV30MD-240-056	2 x 24	56		

Continued...

Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
2.8VA / 18.0	230	PV30S-060-466	6	466	PV30D-060-233	2 x 6	233	40	TUV CE
		PV30S-072-388	7.2	388	PV30D-072-194	2 x 7.2	194		
		PV30S-090-311	9	311	PV30D-090-155	2 x 9	155		
		PV30S-100-280	10	280	PV30D-100-140	2 x 10	140		
		PV30S-120-233	12	233	PV30D-120-116	2 x 12	116		
		PV30S-150-186	15	186	PV30D-150-093	2 x 15	93		
		PV30S-180-155	18	155	PV30D-180-077	2 x 18	77		
		PV30S-240-116	24	116	PV30D-240-058	2 x 24	58		
	115	PV30US-060-466	6	466	PV30UD-060-233	2 x 6	233	40	UL C-UL
		PV30US-072-388	7.2	388	PV30UD-072-194	2 x 7.2	194		
		PV30US-090-311	9	311	PV30UD-090-155	2 x 9	155		
		PV30US-100-280	10	280	PV30UD-100-140	2 x 10	140		
		PV30US-120-233	12	233	PV30UD-120-116	2 x 12	116		
		PV30US-150-186	15	186	PV30UD-150-093	2 x 15	93		
		PV30US-180-155	18	155	PV30UD-180-077	2 x 18	77		
		PV30US-240-116	24	116	PV30UD-240-058	2 x 24	58		
	2X115	PV30MS-060-466	6	466	PV30MD-060-233	2 x 6	233	40	UL C-UL TUV CE
		PV30MS-072-388	7.2	388	PV30MD-072-194	2 x 7.2	194		
		PV30MS-090-311	9	311	PV30MD-090-155	2 x 9	155		
		PV30MS-100-280	10	280	PV30MD-100-140	2 x 10	140		
		PV30MS-120-233	12	233	PV30MD-120-116	2 x 12	116		
		PV30MS-150-186	15	186	PV30MD-150-093	2 x 15	93		
		PV30MS-180-155	18	155	PV30MD-180-077	2 x 18	77		
		PV30MS-240-116	24	116	PV30MD-240-058	2 x 24	58		
2.7VA / 23.0	230	PV30S-060-450T	6	450	PV30D-060-225T	2 x 6	225	70	TUV CE
		PV30S-072-375T	7.2	375	PV30D-072-187T	2 x 7.2	187		
		PV30S-090-300T	9	300	PV30D-090-150T	2 x 9	150		
		PV30S-100-270T	10	270	PV30D-100-135T	2 x10	135		
		PV30S-120-225T	12	225	PV30D-120-112T	2 x12	112		
		PV30S-150-180T	15	180	PV30D-150-090T	2 x 15	90		
		PV30S-180-150T	18	150	PV30D-180-075T	2 x 18	75		
		PV30S-240-112T	24	112	PV30D-240-056T	2 x 24	56		
	115	PV30US-060-450T	6	450	PV30UD-060-225T	2 x 6	225	70	UL C-UL
		PV30US-072-375T	7.2	375	PV30UD-072-187T	2 x 7.2	187		
		PV30US-090-300T	9	300	PV30UD-090-150T	2 x 9	150		
		PV30US-100-270T	10	270	PV30UD-100-135T	2 x 10	135		
		PV30US-120-225T	12	225	PV30UD-120-112T	2 x 12	112		
		PV30US-150-180T	15	180	PV30UD-150-090T	2 x 15	90		
		PV30US-180-150T	18	150	PV30UD-180-075T	2 x 18	75		
		PV30US-240-112T	24	112	PV30UD-240-056T	2 x 24	56		
	2X115	PV30MS-060-450T	6	450	PV30MD-060-225T	2 x 6	225	70	UL C-UL TUV CE
		PV30MS-072-375T	7.2	375	PV30MD-072-187T	2 x 7.2	187		
		PV30MS-090-300T	9	300	PV30MD-090-150T	2 x 9	150		
		PV30MS-100-270T	10	270	PV30MD-100-135T	2 x 10	135		
		PV30MS-120-225T	12	225	PV30MD-120-112T	2 x 12	112		
		PV30MS-150-180T	15	180	PV30MD-150-090T	2 x 15	90		
		PV30MS-180-150T	18	150	PV30MD-180-075T	2 x 18	75		
		PV30MS-240-112T	24	112	PV30MD-240-056T	2 x 24	56		

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
2.8VA / 23.0	230	PV30S-060-466T	6	466	PV30D-060-233T	2 x 6	233	70	TUV CE
		PV30S-072-388T	7.2	388	PV30D-072-194T	2 x 7.2	194		
		PV30S-090-311T	9	311	PV30D-090-155T	2 x 9	155		
		PV30S-100-280T	10	280	PV30D-100-140T	2 x10	140		
		PV30S-120-233T	12	233	PV30D-120-116T	2 x 12	116		
		PV30S-150-186T	15	186	PV30D-150-093T	2 x 15	93		
		PV30S-180-155T	18	155	PV30D-180-077T	2 x 18	77		
		PV30S-240-116T	24	116	PV30D-240-058T	2 x 24	58		
	115	PV30US-060-466T	6	466	PV30UD-060-233T	2 x 6	233	70	UL C-UL
		PV30US-072-388T	7.2	388	PV30UD-072-194T	2 x 7.2	194		
		PV30US-090-311T	9	311	PV30UD-090-155T	2 x 9	155		
		PV30US-100-280T	10	280	PV30UD-100-140T	2 x 10	140		
		PV30US-120-233T	12	233	PV30UD-120-116T	2 x 12	116		
		PV30US-150-186T	15	186	PV30UD-150-093T	2 x 15	93		
		PV30US-180-155T	18	155	PV30UD-180-077T	2 x 18	77		
		PV30US-240-116T	24	116	PV30UD-240-058T	2 x 24	58		
	2X115	PV30MS-060-466T	6	466	PV30MD-060-233T	2 x 6	233	70	UL C-UL TUV CE
		PV30MS-072-388T	7.2	388	PV30MD-072-194T	2 x 7.2	194		
		PV30MS-090-311T	9	311	PV30MD-090-155T	2 x 9	155		
		PV30MS-100-280T	10	280	PV30MD-100-140T	2 x 10	140		
		PV30MS-120-233T	12	233	PV30MD-120-116T	2 x 12	116		
		PV30MS-150-186T	15	186	PV30MD-150-093T	2 x 15	93		
		PV30MS-180-155T	18	155	PV30MD-180-077T	2 x 18	77		
		PV30MS-240-116T	24	116	PV30MD-240-058T	2 x 24	58		
2.9VA / 23.0	230	PV30S-060-483T	6	483	PV30D-060-241T	2 x 6	241	70	TUV CE
		PV30S-072-402T	7.2	402	PV30D-072-201T	2 x 7.2	201		
		PV30S-090-322T	9	322	PV30D-090-161T	2 x 9	161		
		PV30S-100-290T	10	290	PV30D-100-145T	2 x10	145		
		PV30S-120-241T	12	241	PV30D-120-120T	2 x12	120		
		PV30S-150-193T	15	193	PV30D-150-096T	2 x 15	96		
		PV30S-180-161T	18	161	PV30D-180-080T	2 x 18	80		
		PV30S-240-120T	24	120	PV30D-240-060T	2 x 24	60		
	115	PV30US-060-483T	6	483	PV30UD-060-241T	2 x 6	241	70	UL C-UL
		PV30US-072-402T	7.2	402	PV30UD-072-201T	2 x 7.2	201		
		PV30US-090-322T	9	322	PV30UD-090-161T	2 x 9	161		
		PV30US-100-290T	10	290	PV30UD-100-145T	2 x 10	145		
		PV30US-120-241T	12	241	PV30UD-120-120T	2 x 12	120		
		PV30US-150-193T	15	193	PV30UD-150-096T	2 x 15	96		
		PV30US-180-161T	18	161	PV30UD-180-080T	2 x 18	80		
		PV30US-240-120T	24	120	PV30UD-240-060T	2 x 24	60		
	2x115	PV30MS-060-483T	6	483	PV30MD-060-241T	2 x 6	241	70	UL C-UL TUV CE
		PV30MS-072-402T	7.2	402	PV30MD-072-201T	2 x 7.2	201		
		PV30MS-090-322T	9	322	PV30MD-090-161T	2 x 9	161		
		PV30MS-100-290T	10	290	PV30MD-100-145T	2 x 10	145		
		PV30MS-120-241T	12	241	PV30MD-120-120T	2 x 12	120		
		PV30MS-150-193T	15	193	PV30MD-150-096T	2 x 15	96		
		PV30MS-180-161T	18	161	PV30MD-180-080T	2 x 18	80		
		PV30MS-240-120T	24	120	PV30MD-240-060T	2 x 24	60		

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Encapsulated Power Transformer
Series: EI30, 0.6VA - 3.2VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
3.0VA / 23.0	230	PV30S-060-500	6	500	PV30D-060-250	2 x 6	250	40	TUV CE
		PV30S-072-416	7.2	416	PV30D-072-208	2 x 7.2	208		
		PV30S-090-333	9	333	PV30D-090-166	2 x 9	166		
		PV30S-100-300	10	300	PV30D-100-150	2 x10	150		
		PV30S-120-250	12	250	PV30D-120-125	2 x 12	125		
		PV30S-150-200	15	200	PV30D-150-100	2 x 15	100		
		PV30S-180-167	18	167	PV30D-180-083	2 x 18	83		
		PV30S-240-125	24	125	PV30D-240-062	2 x 24	62		
	115	PV30US-060-500	6	500	PV30UD-060-250	2 x 6	250	40	UL C-UL
		PV30US-072-416	7.2	416	PV30UD-072-208	2 x 7.2	208		
		PV30US-090-333	9	333	PV30UD-090-166	2 x 9	166		
		PV30US-100-300	10	300	PV30UD-100-150	2 x 10	150		
		PV30US-120-250	12	250	PV30UD-120-125	2 x 12	125		
		PV30US-150-200	15	200	PV30UD-150-100	2 x 15	100		
		PV30US-180-167	18	167	PV30UD-180-083	2 x 18	83		
		PV30US-240-125	24	125	PV30UD-240-062	2 x 24	62		
	2X115	PV30MS-060-500	6	500	PV30MD-060-250	2 x 6	250	40	UL C-UL TUV CE
		PV30MS-072-416	7.2	416	PV30MD-072-208	2 x 7.2	208		
		PV30MS-090-333	9	333	PV30MD-090-166	2 x 9	166		
		PV30MS-100-300	10	300	PV30MD-100-150	2 x 10	150		
		PV30MS-120-250	12	250	PV30MD-120-125	2 x 12	125		
		PV30MS-150-200	15	200	PV30MD-150-100	2 x 15	100		
		PV30MS-180-167	18	167	PV30MD-180-083	2 x 18	83		
		PV30MS-240-125	24	125	PV30MD-240-062	2 x 24	62		
3.2VA / 23.0	230	PV30S-060-533	6	533	PV30D-060-266	2 x 6	266	40	TUV CE
		PV30S-072-444	7.2	444	PV30D-072-222	2 x 7.2	222		
		PV30S-090-355	9	355	PV30D-090-177	2 x 9	177		
		PV30S-100-320	10	320	PV30D-100-160	2 x 10	160		
		PV30S-120-266	12	266	PV30D-120-133	2 x 12	133		
		PV30S-150-213	15	213	PV30D-150-106	2 x 15	106		
		PV30S-180-177	18	177	PV30D-180-088	2 x 18	88		
		PV30S-240-133	24	133	PV30D-240-066	2 x 24	66		
	115	PV30US-060-533	6	533	PV30UD-060-266	2 x 6	266	40	UL C-UL
		PV30US-072-444	7.2	444	PV30UD-072-222	2 x 7.2	222		
		PV30US-090-355	9	355	PV30UD-090-177	2 x 9	177		
		PV30US-100-320	10	320	PV30UD-100-160	2 x 10	160		
		PV30US-120-266	12	266	PV30UD-120-133	2 x 12	133		
		PV30US-150-213	15	213	PV30UD-150-106	2 x 15	106		
		PV30US-180-177	18	177	PV30UD-180-088	2 x 18	88		
		PV30US-240-133	24	133	PV30UD-240-066	2 x 24	66		
	2x115	PV30MS-060-533	6	533	PV30MD-060-266	2 x 6	266	40	UL C-UL TUV CE
		PV30MS-072-444	7.2	444	PV30MD-072-222	2 x 7.2	222		
		PV30MS-090-355	9	355	PV30MD-090-177	2 x 9	177		
		PV30MS-100-320	10	320	PV30MD-100-160	2 x 10	160		
		PV30MS-120-266	12	266	PV30MD-120-133	2 x 12	133		
		PV30MS-150-213	15	213	PV30MD-150-106	2 x 15	106		
		PV30MS-180-177	18	177	PV30MD-180-088	2 x 18	88		
		PV30MS-240-133	24	133	PV30MD-240-066	2 x 24	66		

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DURABILITY
Designed & built to last

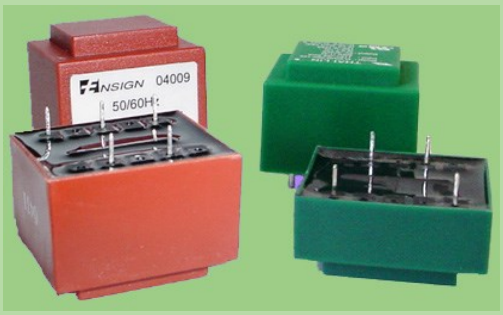
TECHNOLOGY
Innovative designs using modern materials

LEGACY
Support throughout your production cycle and into tomorrow's designs

DESIGN FOR THE FUTURE

ENCAPSULATED TRANSFORMERS

- 0.6 VA to 70.0 VA
- UL/cUL 5085-2 General Purpose and 5085-3 Class 2 approved
- TUV EN 61558/EN60950 approved, and CE-marked
- Operating ambient temperatures up to +70˚C



Wabash Transformer
A PowerVolt Company

Encapsulated Power Transformer

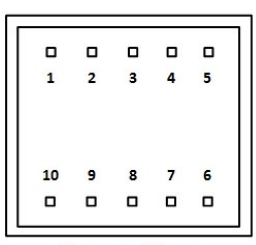
Series: EI38, 3.2VA - 5.0VA



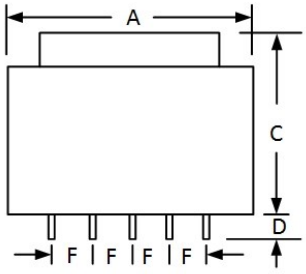
- **Power Rating 3.2VA to 5.0VA**
- **Frequency 50/60 Hz**
- **Insulation Class B (130°C)**
- **Ambient Temperature (ta) – 70°C**
- **Dielectric Strength – 3750 Vrms**
- **Potted under vacuum**
- **PV38S & PV38D series are fail-safe transformers**
- **PV38MS & PV38MD series are non-short-circuit-proof transformers**

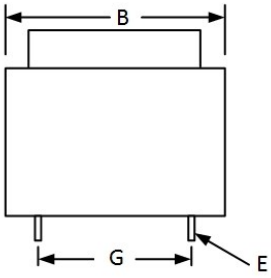
Agency Approvals:

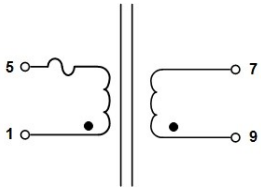
- **C-UL: CSA C22.2 #66**
- **UL: UL5085-2**
- **TUV: EN61558**



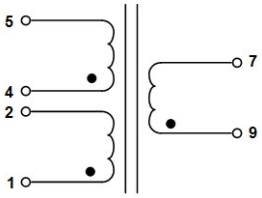
Bottom View



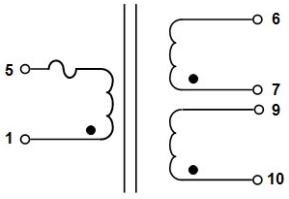




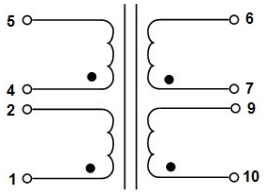
PV38S / PV38US Series



PV38MS Series



PV38D / PV38UD Series



PV38MD Series

Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 5 and Jumper Pins 2 & 4
		Parallel	Input Pin 1 & Pin 5 and Jumper Pins 1 & 4, 2 & 5
	Secondary	Series	Output Pin 7 & 9 and Jumper Pins 6 & 10
		Parallel	Output Pin 7 & 9 and Jumper Pins 7 & 10, 6 & 9

** All Dimensions are in millimeters (mm)*

VA Rating	Size	A (±0.5)	B (±0.5)	C (±0.5)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.5)	Wt. gm.
3.2 / 3.5 / 4.0	13.6	41.0	35.0	28.0	4.0	SQ0.64	5.0	25.0	145
4.5 / 5.0	16.5	41.0	35.0	30.8	4.0	SQ0.64	5.0	25.0	170

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Encapsulated Power Transformer
Series: EI38, 3.2VA - 5.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
3.2VA / 13.6	230	PV38S-060-533	6	533	PV38D-060-266	2 x 6	266	70	TUV CE
		PV38S-072-444	7.2	444	PV38D-072-222	2 x 7.2	222		
		PV38S-090-355	9	355	PV38D-090-177	2 x 9	177		
		PV38S-100-320	10	320	PV38D-100-160	2 x 10	160		
		PV38S-120-266	12	266	PV38D-120-133	2 x 12	133		
		PV38S-150-213	15	213	PV38D-150-106	2 x 15	106		
		PV38S-180-177	18	177	PV38D-180-088	2 x 18	88		
		PV38S-240-133	24	133	PV38D-240-066	2 x 24	66		
	115	PV38US-060-533	6	533	PV38UD-060-266	2 x 6	266	70	UL C-UL
		PV38US-072-444	7.2	444	PV38UD-072-222	2 x 7.2	222		
		PV38US-090-355	9	355	PV38UD-090-177	2 x 9	177		
		PV38US-100-320	10	320	PV38UD-100-160	2 x 10	160		
		PV38US-120-266	12	266	PV38UD-120-133	2 x 12	133		
		PV38US-150-213	15	213	PV38UD-150-106	2 x 15	106		
		PV38US-180-177	18	177	PV38UD-180-088	2 x 18	88		
		PV38US-240-133	24	133	PV38UD-240-066	2 x 24	66		
	2X115	PV38MS-060-533	6	533	PV38MD-060-266	2 x 6	266	70	UL C-UL TUV CE
		PV38MS-072-444	7.2	444	PV38MD-072-222	2 x 7.2	222		
		PV38MS-090-355	9	355	PV38MD-090-177	2 x 9	177		
		PV38MS-100-320	10	320	PV38MD-100-160	2 x 10	160		
		PV38MS-120-266	12	266	PV38MD-120-133	2 x 12	133		
		PV38MS-150-213	15	213	PV38MD-150-106	2 x 15	106		
		PV38MS-180-177	18	177	PV38MD-180-088	2 x 18	88		
		PV38MS-240-133	24	133	PV38MD-240-066	2 x 24	66		
3.5VA / 13.6	230	PV38S-060-583	6	583	PV38D-060-291	2 x 6	291	70	TUV CE
		PV38S-072-486	7.2	486	PV38D-072-243	2 x 7.2	243		
		PV38S-090-388	9	388	PV38D-090-194	2 x 9	194		
		PV38S-100-350	10	350	PV38D-100-175	2 x10	175		
		PV38S-120-291	12	291	PV38D-120-145	2 x12	145		
		PV38S-150-233	15	233	PV38D-150-116	2 x 15	116		
		PV38S-180-194	18	194	PV38D-180-097	2 x 18	97		
		PV38S-240-145	24	145	PV38D-240-072	2 x 24	72		
	115	PV38US-060-583	6	583	PV38UD-060-291	2 x 6	291	70	UL C-UL
		PV38US-072-486	7.2	486	PV38UD-072-243	2 x 7.2	243		
		PV38US-090-388	9	388	PV38UD-090-194	2 x 9	194		
		PV38US-100-350	10	350	PV38UD-100-175	2 x 10	175		
		PV38US-120-291	12	291	PV38UD-120-145	2 x 12	145		
		PV38US-150-233	15	233	PV38UD-150-116	2 x 15	116		
		PV38US-180-194	18	194	PV38UD-180-097	2 x 18	97		
		PV38US-240-145	24	145	PV38UD-240-072	2 x 24	72		
	2X115	PV38MS-060-583	6	583	PV38MD-060-291	2 x 6	291	70	UL C-UL TUV CE
		PV38MS-072-486	7.2	486	PV38MD-072-243	2 x 7.2	243		
		PV38MS-090-388	9	388	PV38MD-090-194	2 x 9	194		
		PV38MS-100-350	10	350	PV38MD-100-175	2 x 10	175		
		PV38MS-120-291	12	291	PV38MD-120-145	2 x 12	145		
		PV38MS-150-233	15	233	PV38MD-150-116	2 x 15	116		
		PV38MS-180-194	18	194	PV38MD-180-097	2 x 18	97		
		PV38MS-240-145	24	145	PV38MD-240-072	2 x 24	72		

Continued...

Encapsulated Power Transformer
Series: EI38, 3.2VA - 5.0VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
4.0VA / 13.6	230	PV38S-060-666	6	666	PV38D-060-333	2 x 6	333	70	TUV CE
		PV38S-072-556	7.2	556	PV38D-072-278	2 x 7.2	278		
		PV38S-090-444	9	444	PV38D-090-222	2 x 9	222		
		PV38S-100-400	10	400	PV38D-100-200	2 x 10	200		
		PV38S-120-333	12	333	PV38D-120-167	2 x 12	167		
		PV38S-150-267	15	267	PV38D-150-133	2 x 15	133		
		PV38S-180-222	18	222	PV38D-180-111	2 x 18	111		
		PV38S-240-167	24	167	PV38D-240-083	2 x 24	83		
	115	PV38US-060-666	6	666	PV38UD-060-333	2 x 6	333	70	UL C-UL
		PV38US-072-556	7.2	556	PV38UD-072-278	2 x 7.2	278		
		PV38US-090-444	9	444	PV38UD-090-222	2 x 9	222		
		PV38US-100-400	10	400	PV38UD-100-200	2 x 10	200		
		PV38US-120-333	12	333	PV38UD-120-167	2 x 12	167		
		PV38US-150-267	15	267	PV38UD-150-133	2 x 15	133		
		PV38US-180-222	18	222	PV38UD-180-111	2 x 18	111		
		PV38US-240-167	24	167	PV38UD-240-083	2 x 24	83		
	2X115	PV38MS-060-666	6	666	PV38MD-060-333	2 x 6	333	70	UL C-UL TUV CE
		PV38MS-072-556	7.2	556	PV38MD-072-278	2 x 7.2	278		
		PV38MS-090-444	9	444	PV38MD-090-222	2 x 9	222		
		PV38MS-100-400	10	400	PV38MD-100-200	2 x 10	200		
		PV38MS-120-333	12	333	PV38MD-120-167	2 x 12	167		
		PV38MS-150-267	15	267	PV38MD-150-133	2 x 15	133		
		PV38MS-180-222	18	222	PV38MD-180-111	2 x 18	111		
		PV38MS-240-167	24	167	PV38MD-240-083	2 x 24	83		
4.5VA / 16.5	230	PV38S-060-750	6	750	PV38D-060-375	2 x 6	375	70	TUV CE
		PV38S-072-625	7.2	625	PV38D-072-312	2 x 7.2	312		
		PV38S-090-500	9	500	PV38D-090-250	2 x 9	250		
		PV38S-100-450	10	450	PV38D-100-225	2 x10	225		
		PV38S-120-375	12	375	PV38D-120-187	2 x12	187		
		PV38S-150-300	15	300	PV38D-150-150	2 x 15	150		
		PV38S-180-250	18	250	PV38D-180-125	2 x 18	125		
		PV38S-240-187	24	187	PV38D-240-093	2 x 24	93		
	115	PV38US-060-750	6	750	PV38UD-060-375	2 x 6	375	70	UL C-UL
		PV38US-072-625	7.2	625	PV38UD-072-312	2 x 7.2	312		
		PV38US-090-500	9	500	PV38UD-090-250	2 x 9	250		
		PV38US-100-450	10	450	PV38UD-100-225	2 x 10	225		
		PV38US-120-375	12	375	PV38UD-120-187	2 x 12	187		
		PV38US-150-300	15	300	PV38UD-150-150	2 x 15	150		
		PV38US-180-250	18	250	PV38UD-180-125	2 x 18	125		
		PV38US-240-187	24	187	PV38UD-240-093	2 x 24	93		
	2X115	PV38MS-060-750	6	750	PV38MD-060-375	2 x 6	375	70	UL C-UL TUV CE
		PV38MS-072-625	7.2	625	PV38MD-072-312	2 x 7.2	312		
		PV38MS-090-500	9	500	PV38MD-090-250	2 x 9	250		
		PV38MS-100-450	10	450	PV38MD-100-225	2 x 10	225		
		PV38MS-120-375	12	375	PV38MD-120-187	2 x 12	187		
		PV38MS-150-300	15	300	PV38MD-150-150	2 x 15	150		
		PV38MS-180-250	18	250	PV38MD-180-125	2 x 18	125		
		PV38MS-240-187	24	187	PV38MD-240-093	2 x 24	93		

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Encapsulated Power Transformer
Series: EI38, 3.2VA - 5.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
5.0VA / 16.5	230	PV38S-060-833	6	833	PV38D-060-416	2 x 6	416	70	TUV CE
		PV38S-072-694	7.2	694	PV38D-072-347	2 x 7.2	347		
		PV38S-090-555	9	555	PV38D-090-277	2 x 9	277		
		PV38S-100-500	10	500	PV38D-100-250	2 x 10	250		
		PV38S-120-416	12	416	PV38D-120-208	2 x 12	208		
		PV38S-150-333	15	333	PV38D-150-166	2 x 15	166		
		PV38S-180-277	18	277	PV38D-180-138	2 x 18	138		
		PV38S-240-208	24	208	PV38D-240-104	2 x 24	104		
	115	PV38US-060-833	6	833	PV38UD-060-416	2 x 6	416	70	UL C-UL
		PV38US-072-694	7.2	694	PV38UD-072-347	2 x 7.2	347		
		PV38US-090-555	9	555	PV38UD-090-277	2 x 9	277		
		PV38US-100-500	10	500	PV38UD-100-250	2 x 10	250		
		PV38US-120-416	12	416	PV38UD-120-208	2 x 12	208		
		PV38US-150-333	15	333	PV38UD-150-166	2 x 15	166		
		PV38US-180-277	18	277	PV38UD-180-138	2 x 18	138		
		PV38US-240-208	24	208	PV38UD-240-104	2 x 24	104		
	2X115	PV38MS-060-833	6	833	PV38MD-060-416	2 x 6	416	70	UL C-UL TUV CE
		PV38MS-072-694	7.2	694	PV38MD-072-347	2 x 7.2	347		
		PV38MS-090-555	9	555	PV38MD-090-277	2 x 9	277		
		PV38MS-100-500	10	500	PV38MD-100-250	2 x 10	250		
		PV38MS-120-416	12	416	PV38MD-120-208	2 x 12	208		
		PV38MS-150-333	15	333	PV38MD-150-166	2 x 15	166		
		PV38MS-180-277	18	277	PV38MD-180-138	2 x 18	138		
		PV38MS-240-208	24	208	PV38MD-240-104	2 x 24	104		

Encapsulated Power Transformer

Series: EI42, 5.0VA - 6.0VA

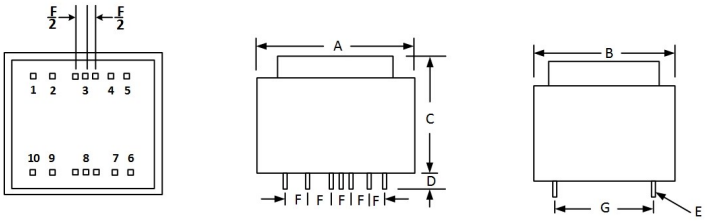


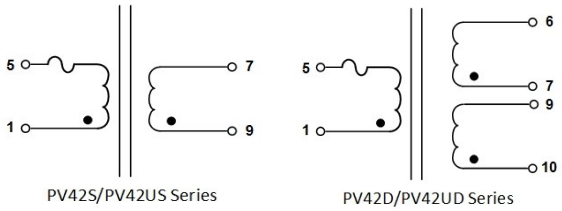
- Power Rating 5.0VA to 6.0VA
- Frequency 50/60Hz
- Insulation Class B (130°C)
- Ambient Temperature (ta) – 70°C
- Dielectric Strength – 3750 Vrms
- Potted under vacuum
- PV42S & PV42D series are fail-safe transformers
- PV42MS & PV42MD series are non-short-circuit proof transformers

Agency Approvals:

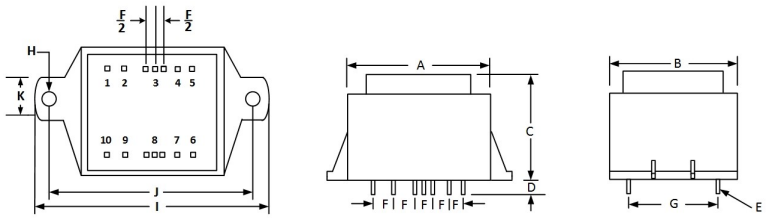
- C-UL: CSA C22.2 #66
- UL: UL5085-2
- TUV: EN61558

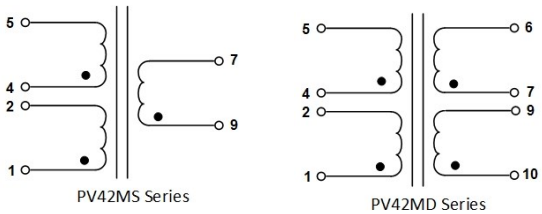
Potting Shell - Type A



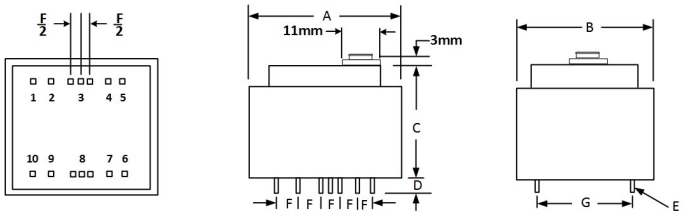


Potting Shell - Type B





Potting Shell - Type C



Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 5 and Jumper Pins 2 & 4
		Parallel	Input Pin 1 & Pin 5 and Jumper Pins 1 & 4, 2 & 5
	Secondary	Series	Output Pin 7 & 9 and Jumper Pins 6 & 10
		Parallel	Output Pin 7 & 9 and Jumper Pins 7 & 10, 6 & 9

** All Dimensions are in millimeters (mm)*

VA Rating	Size	Potting Shell	A (±1.0)	B (±1.0)	C (±1.0)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.5)	H (±0.2)	I (max)	J (±0.5)	K (±0.5)	Wt. gm.
5.0 / 6.0	14.8	Type A	44.0	37.0	31.5	4.0	SQ0.64	5.0	25.0	—	—	—	—	190
		Type B	44.0	37.0	31.5	4.0	SQ0.64	5.0	25.0	ϕ4.2	64.0	55.0	10.0	190
		Type C	44.0	37.0	32.5	4.0	SQ0.64	5.0	25.0	—	—	—	—	190

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Encapsulated Power Transformer

Series: EI42, 5.0VA - 6.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
5.0VA / 14.8	230	PV42S-060-833	6	833	PV42D-060-416	2 x 6	416	70	TUV CE
		PV42S-072-694	7.2	694	PV42D-072-347	2 x 7.2	347		
		PV42S-090-555	9	555	PV42D-090-277	2 x 9	277		
		PV42S-100-500	10	500	PV42D-100-250	2 x 10	250		
		PV42S-120-416	12	416	PV42D-120-208	2 x 12	208		
		PV42S-150-333	15	333	PV42D-150-166	2 x 15	166		
		PV42S-180-277	18	277	PV42D-180-138	2 x 18	138		
		PV42S-240-208	24	208	PV42D-240-104	2 x 24	104		
	115	PV42US-060-833	6	833	PV42UD-060-416	2 x 6	416	70	UL C-UL
		PV42US-072-694	7.2	694	PV42UD-072-347	2 x 7.2	347		
		PV42US-090-555	9	555	PV42UD-090-277	2 x 9	277		
		PV42US-100-500	10	500	PV42UD-100-250	2 x 10	250		
		PV42US-120-416	12	416	PV42UD-120-208	2 x 12	208		
		PV42US-150-333	15	333	PV42UD-150-166	2 x 15	166		
		PV42US-180-277	18	277	PV42UD-180-138	2 x 18	138		
		PV42US-240-208	24	208	PV42UD-240-104	2 x 24	104		
	2X115	PV42MS-060-833	6	833	PV42MD-060-416	2 x 6	416	70	UL C-UL TUV CE
		PV42MS-072-694	7.2	694	PV42MD-072-347	2 x 7.2	347		
		PV42MS-090-555	9	555	PV42MD-090-277	2 x 9	277		
		PV42MS-100-500	10	500	PV42MD-100-250	2 x 10	250		
		PV42MS-120-416	12	416	PV42MD-120-208	2 x 12	208		
		PV42MS-150-333	15	333	PV42MD-150-166	2 x 15	166		
		PV42MS-180-277	18	277	PV42MD-180-138	2 x 18	138		
		PV42MS-240-208	24	208	PV42MD-240-104	2 x 24	104		
6.0VA / 14.8	230	PV42S-060-1000	6	1000	PV42D-060-0500	2 x 6	500	70	TUV CE
		PV42S-072-0833	7.2	833	PV42D-072-0416	2 x 7.2	416		
		PV42S-090-0666	9	666	PV42D-090-0333	2 x 9	333		
		PV42S-100-0600	10	600	PV42D-100-0300	2 x10	300		
		PV42S-120-0500	12	500	PV42D-120-0250	2 x12	250		
		PV42S-150-0400	15	400	PV42D-150-0200	2 x 15	200		
		PV42S-180-0333	18	333	PV42D-180-0166	2 x 18	166		
		PV42S-240-0250	24	250	PV42D-240-0125	2 x 24	125		
	115	PV42US-060-1000	6	1000	PV42UD-060-0500	2 x 6	500	70	UL C-UL
		PV42US-072-0833	7.2	833	PV42UD-072-0416	2 x 7.2	416		
		PV42US-090-0666	9	666	PV42UD-090-0333	2 x 9	333		
		PV42US-100-0600	10	600	PV42UD-100-0300	2 x 10	300		
		PV42US-120-0500	12	500	PV42UD-120-0250	2 x 12	250		
		PV42US-150-0400	15	400	PV42UD-150-0200	2 x 15	200		
		PV42US-180-0333	18	333	PV42UD-180-0166	2 x 18	166		
		PV42US-240-0250	24	250	PV42UD-240-0125	2 x 24	125		
	2X115	PV42MS-060-1000	6	1000	PV42MD-060-0500	2 x 6	500	70	UL C-UL TUV CE
		PV42MS-072-0833	7.2	833	PV42MD-072-0416	2 x 7.2	416		
		PV42MS-090-0666	9	666	PV42MD-090-0333	2 x 9	333		
		PV42MS-100-0600	10	600	PV42MD-100-0300	2 x 10	300		
		PV42MS-120-0500	12	500	PV42MD-120-0250	2 x 12	250		
		PV42MS-150-0400	15	400	PV42MD-150-0200	2 x 15	200		
		PV42MS-180-0333	18	333	PV42MD-180-0166	2 x 18	166		
		PV42MS-240-0250	24	250	PV42MD-240-0125	2 x 24	125		

Part Number Designation
Three designations are available. Use PV42S-060-833 as example:
1) PV42S-060-833 = Potting Shell A
2) PV42S-060-833 (SB) = Potting Shell B
3) PV42S-060-833 (SC) = Potting Shell C

Note:
a) When checking the approval status of this series' products with UL & TUV, the suffixes (SB) and (SC) should be omitted.
b) In case of need, please add the appropriate suffixes in the

Encapsulated Power Transformer

Series: EI48, 8.0VA - 12.0VA

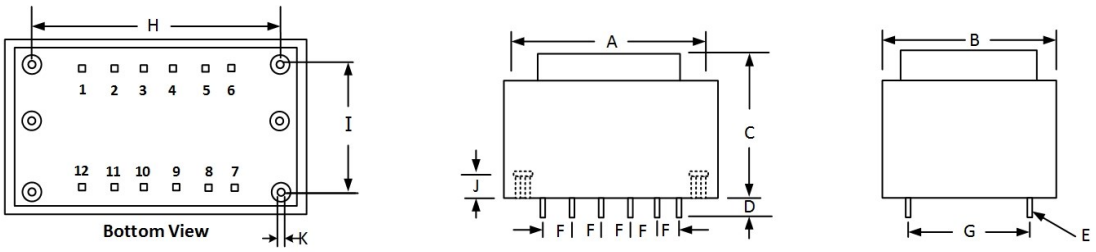


- Power Rating 8.0VA to 12.0VA
- Frequency 50/60Hz
- Insulation Class B (130°C)
- Ambient Temperature (ta) – 40°C or 70°C
- Dielectric Strength – 3750 Vrms
- Potted under vacuum
- PV48S & PV48D series are fail-safe transformers
- PV48MS & PV48MD series are non-short-circuit proof transformers

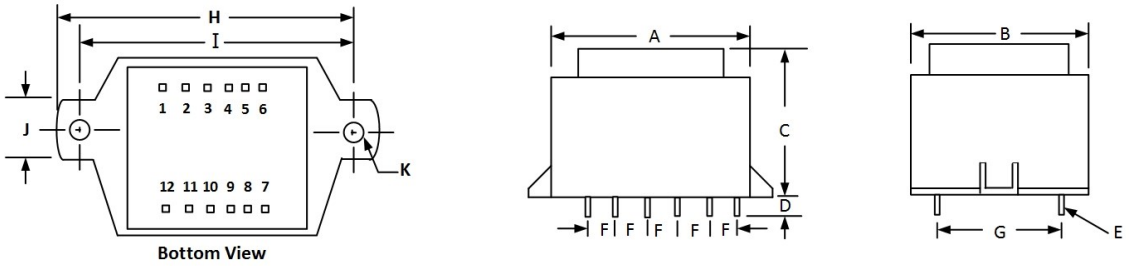
Agency Approvals:

- C-UL: CSA C22.2 #66
- UL: UL5085-2
- TUV: EN61558

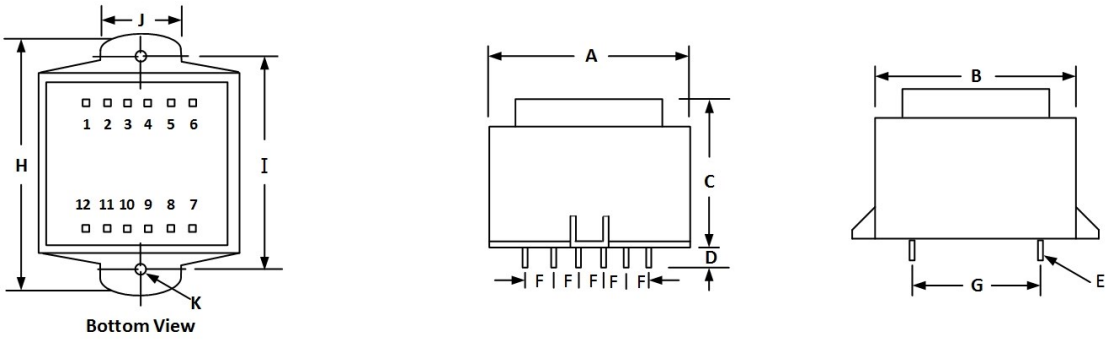
Potting Shell - Type A



Potting Shell - Type B



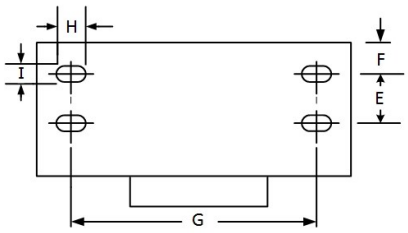
Potting Shell - Type C

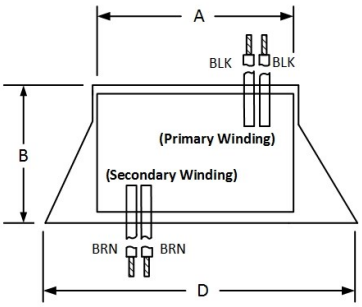


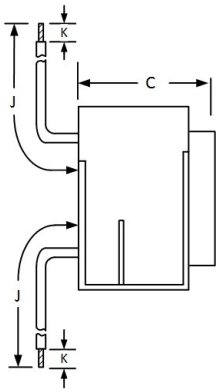
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Encapsulated Power Transformer
Series: EI48, 8.0VA - 12.0VA

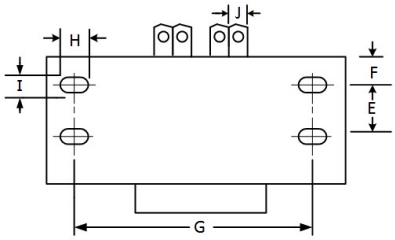
Style - Flying Lead

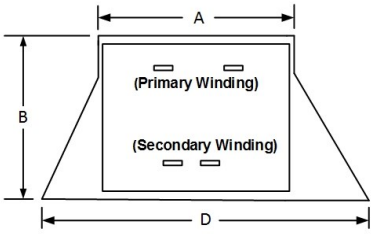


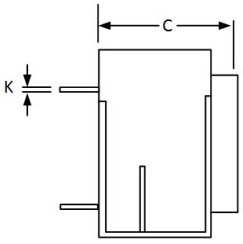


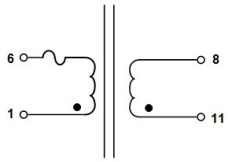


Style - Faston Tab

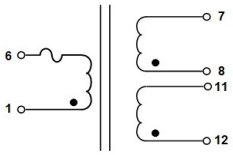




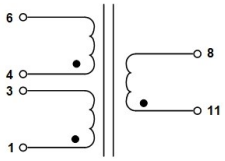




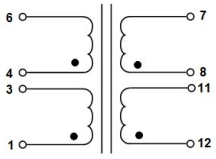
PV48S/PV48US Series



PV48D/PV48UD Series



PV48MS Series



PV48MD Series

Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 6 and Jumper Pins 3 & 4
		Parallel	Input Pin 1 & Pin 6 and Jumper Pins 1 & 4, 3 & 6
	Secondary	Series	Output Pin 8 & 11 and Jumper Pins 7 & 12
		Parallel	Output Pin 8 & 11 and Jumper Pins 7 & 11, 8 & 12

** All Dimensions are in millimeters (mm)*

VA Rating	Size	Potting Shell	Style	A	B	C	D	E	F	G	H	I	J	K	Wt. gm.
8.0 / 10.0	16.8	Type A	PC Pins	51.0±1.0	43.0±1.0	34.5±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	27.5±0.5	40.0±1.0	32.0±1.0	6.3 min.	ϕ2.4±0.2	290
		Type B	PC Pins	51.0±1.0	42.5±1.0	34.5±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	27.5±0.5	68.5 max.	60.0±1.0	10.0±0.5	ϕ4.2±0.2	290
		Type C	PC Pins	51.0±1.0	42.5±1.0	34.5±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	27.5±0.5	60.0 max.	52.5 ±1.0	10.0±0.5	ϕ4.2±0.2	290
			Lead	51.0±1.0	42.8±1.0	35.5±1.0	75.0±1.0	12.0±1.0	8.5 typ.	62.0±1.0	6.7±0.5	3.5±0.2	250±10	5.0±1.0	290
			Faston Tab	51.0±1.0	42.8±1.0	35.5±1.0	75.0±1.0	12.0±1.0	8.5 typ.	62.0±1.0	6.7±0.5	3.5±0.2	4.8±0.2	0.8 ±0.1	290
12.0	20.5	Type A	PC Pins	51.0±1.0	43.0±1.0	38.5±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	27.5±0.5	40.0±1.0	32.0±1.0	6.3 min.	ϕ2.4±0.2	330
		Type B	PC Pins	51.0±1.0	42.5±1.0	38.5±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	27.5±0.5	68.5 max.	60.0±1.0	10.0±0.5	ϕ4.2±0.2	330
		Type C	PC Pins	51.0±1.0	42.5±1.0	38.5±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	27.5±0.5	60.0 max.	52.5±1.0	10.0±0.5	ϕ4.2±0.2	330
			Lead	51.0±1.0	42.8±1.0	39.5±1.0	75.0±1.0	12.0±1.0	8.5 typ.	62.0±1.0	6.7±0.5	3.5±0.2	250±10	5.0±1.0	330
			Faston Tab	51.0±1.0	42.8±1.0	39.5±1.0	75.0±1.0	12.0±1.0	8.5 typ.	62.0±1.0	6.7±0.5	3.5±0.2	4.8±0.2	0.8±0.1	330

Encapsulated Power Transformer
Series: EI48, 8.0VA - 12.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
8.0VA / 16.8	230	PV48S-060-1333	6	1333	PV48D-060-0666	2 x 6	666	40	TUV CE
		PV48S-072-1111	7.2	1111	PV48D-072-0555	2 x 7.2	555		
		PV48S-090-0888	9	888	PV48D-090-0444	2 x 9	444		
		PV48S-100-0800	10	800	PV48D-100-0400	2 x 10	400		
		PV48S-120-0666	12	666	PV48D-120-0333	2 x 12	333		
		PV48S-150-0533	15	533	PV48D-150-0266	2 x 15	266		
		PV48S-180-0444	18	444	PV48D-180-0222	2 x 18	222		
		PV48S-240-0333	24	333	PV48D-240-0166	2 x 24	166		
	115	PV48US-060-1333	6	1333	PV48UD-060-0666	2 x 6	666	40	UL C-UL
		PV48US-072-1111	7.2	1111	PV48UD-072-0555	2 x 7.2	555		
		PV48US-090-0888	9	888	PV48UD-090-0444	2 x 9	444		
		PV48US-100-0800	10	800	PV48UD-100-0400	2 x 10	400		
		PV48US-120-0666	12	666	PV48UD-120-0333	2 x 12	333		
		PV48US-150-0533	15	533	PV48UD-150-0266	2 x 15	266		
		PV48US-180-0444	18	444	PV48UD-180-0222	2 x 18	222		
		PV48US-240-0333	24	333	PV48UD-240-0166	2 x 24	166		
	2X115	PV48MS-060-1333	6	1333	PV48MD-060-0666	2 x 6	666	40	UL C-UL TUV CE
		PV48MS-072-1111	7.2	1111	PV48MD-072-0555	2 x 7.2	555		
		PV48MS-090-0888	9	888	PV48MD-090-0444	2 x 9	444		
		PV48MS-100-0800	10	800	PV48MD-100-0400	2 x 10	400		
		PV48MS-120-0666	12	666	PV48MD-120-0333	2 x 12	333		
		PV48MS-150-0533	15	533	PV48MD-150-0266	2 x 15	266		
		PV48MS-180-0444	18	444	PV48MD-180-0222	2 x 18	222		
		PV48MS-240-0333	24	333	PV48MD-240-0166	2 x 24	166		
10.0VA / 16.8	230	PV48S-060-1666	6	1666	PV48D-060-0833	2 x 6	833	40	TUV CE
		PV48S-072-1388	7.2	1388	PV48D-072-0694	2 x 7.2	694		
		PV48S-090-1111	9	1111	PV48D-090-0555	2 x 9	555		
		PV48S-100-1000	10	1000	PV48D-100-0500	2 x10	500		
		PV48S-120-0833	12	833	PV48D-120-0416	2 x12	416		
		PV48S-150-0666	15	666	PV48D-150-0333	2 x 15	333		
		PV48S-180-0555	18	555	PV48D-180-0277	2 x 18	277		
		PV48S-240-0416	24	416	PV48D-240-0208	2 x 24	208		
	115	PV48US-060-1666	6	1666	PV48UD-060-0833	2 x 6	833	40	UL C-UL
		PV48US-072-1388	7.2	1388	PV48UD-072-0694	2 x 7.2	694		
		PV48US-090-1111	9	1111	PV48UD-090-0555	2 x 9	555		
		PV48US-100-1000	10	1000	PV48UD-100-0500	2 x 10	500		
		PV48US-120-0833	12	833	PV48UD-120-0416	2 x 12	416		
		PV48US-150-0666	15	666	PV48UD-150-0333	2 x 15	333		
		PV48US-180-0555	18	555	PV48UD-180-0277	2 x 18	277		
		PV48US-240-0416	24	416	PV48UD-240-0208	2 x 24	208		
	2X115	PV48MS-060-1666	6	1666	PV48MD-060-0833	2 x 6	833	40	UL C-UL TUV CE
		PV48MS-072-1388	7.2	1388	PV48MD-072-0694	2 x 7.2	694		
		PV48MS-090-1111	9	1111	PV48MD-090-0555	2 x 9	555		
		PV48MS-100-1000	10	1000	PV48MD-100-0500	2 x 10	500		
		PV48MS-120-0833	12	833	PV48MD-120-0416	2 x 12	416		
		PV48MS-150-0666	15	666	PV48MD-150-0333	2 x 15	333		
		PV48MS-180-0555	18	555	PV48MD-180-0277	2 x 18	277		
		PV48MS-240-0416	24	416	PV48MD-240-0208	2 x 24	208		

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Encapsulated Power Transformer
Series: EI48, 8.0VA - 12.0VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
12.0VA / 20.5	230	PV48S-060-2000	6	2000	PV48D-060-1000	2 x 6	1000	70	TUV CE
		PV48S-072-1666	7.2	1666	PV48D-072-0833	2 x 7.2	833		
		PV48S-090-1333	9	1333	PV48D-090-0666	2 x 9	666		
		PV48S-100-1200	10	1200	PV48D-100-0600	2 x 10	600		
		PV48S-120-1000	12	1000	PV48D-120-0500	2 x 12	500		
		PV48S-150-0800	15	800	PV48D-150-0400	2 x 15	400		
		PV48S-180-0666	18	666	PV48D-180-0333	2 x 18	333		
		PV48S-240-0500	24	500	PV48D-240-0250	2 x 24	250		
	115	PV48US-060-2000	6	2000	PV48UD-060-1000	2 x 6	1000	70	UL C-UL
		PV48US-072-1666	7.2	1666	PV48UD-072-0833	2 x 7.2	833		
		PV48US-090-1333	9	1333	PV48UD-090-0666	2 x 9	666		
		PV48US-100-1200	10	1200	PV48UD-100-0600	2 x 10	600		
		PV48US-120-1000	12	1000	PV48UD-120-0500	2 x 12	500		
		PV48US-150-0800	15	800	PV48UD-150-0400	2 x 15	400		
		PV48US-180-0666	18	666	PV48UD-180-0333	2 x 18	333		
		PV48US-240-0500	24	500	PV48UD-240-0250	2 x 24	250		
	2X115	PV48MS-060-2000	6	2000	PV48MD-060-1000	2 x 6	1000	70	UL C-UL TUV CE
		PV48MS-072-1666	7.2	1666	PV48MD-072-0833	2 x 7.2	833		
		PV48MS-090-1333	9	1333	PV48MD-090-0666	2 x 9	666		
		PV48MS-100-1200	10	1200	PV48MD-100-0600	2 x 10	600		
		PV48MS-120-1000	12	1000	PV48MD-120-0500	2 x 12	500		
		PV48MS-150-0800	15	800	PV48MD-150-0400	2 x 15	400		
		PV48MS-180-0666	18	666	PV48MD-180-0333	2 x 18	333		
		PV48MS-240-0500	24	500	PV48MD-240-0250	2 x 24	250		

Part Number Designation

Six designations are available. Use PV48S-060-1333 as example:

1) PV48S-060-1333 = Potting Shell A (without fixing rails)
2) PV48S-060-1333 (R) = Potting Shell A (with fixing rails)
3) PV48S-060-1333 (SB) = Potting Shell B
4) PV48S-060-1333 (SC) = Potting Shell C
5) PV48S-060-1333FL = Flying Lead style
6) PV48S-060-1333FT = Faston Tab style

Note:

a) The flying lead style is only available for the single primary + single secondary items.
b) The faston tab style is only available for the single primary + single secondary items.
c) When checking the approval status of this series' products with UL & TUV, the suffixes (R), (SB) or (SC) should be omitted.
d) In case of need, please add the appropriate suffixes in the part number when ordering.

Encapsulated Power Transformer

Series: EI54, 16.0VA

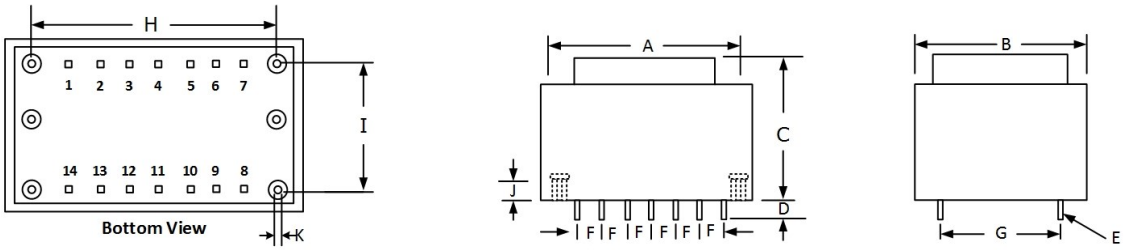


- Power Rating 16.0VA
- Frequency 50/60Hz
- Insulation Class B (130°C)
- Ambient Temperature (ta) – 40°C
- Dielectric Strength – 3750 Vrms
- Potted under vacuum
- PV54S & PV54D series are fail-safe transformers
- PV54MS & PV54MD series are non-short-circuit proof transformers

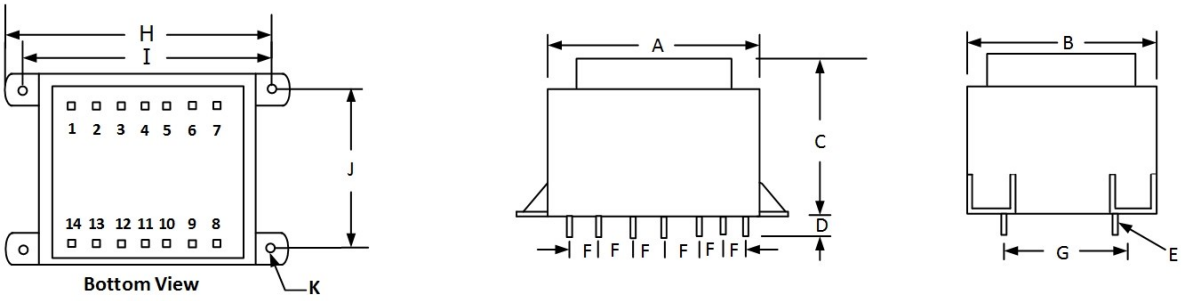
Agency Approvals:

- C-UL: CSA C22.2 #66
- UL: UL5085-2
- TUV: EN61558

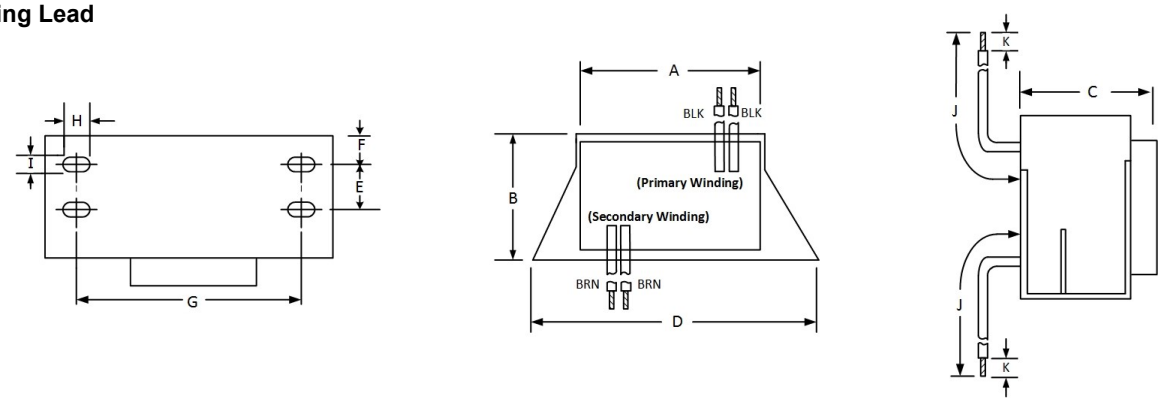
Potting Shell - Type A



Potting Shell - Type B



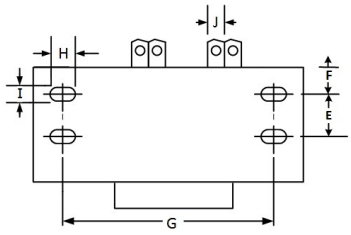
Style - Flying Lead

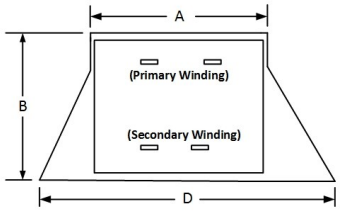


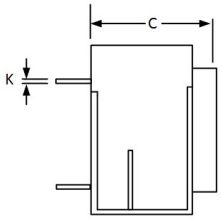
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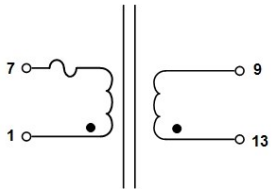
Encapsulated Power Transformer
Series: EI54, 16.0VA

Style - Faston Tab

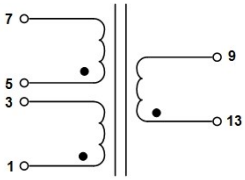




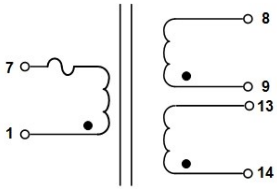




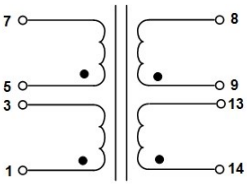
PV54S / PV54US Series



PV54MS Series



PV54D / PV54UD Series



PV54MD Series

Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 7 and Jumper Pins 3 & 5
		Parallel	Input Pin 1 & Pin 7 and Jumper Pins 1 & 5, 3 & 7
	Secondary	Series	Output Pin 9 & 13 and Jumper Pins 8 & 14
		Parallel	Output Pin 9 & 13 and Jumper Pins 8 & 13, 9 & 14

** All Dimensions are in millimeters (mm)*

VA Rating	Size	Potting Shell	Style	A	B	C	D	E	F	G	H	I	J	K	Wt. gm.
16.0	18.8	Type A	PC Pins	57.0±1.0	48.0±1.0	39.0±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	30.0±0.5	45.0±1.0	36.0±1.0	7.8 min.	ϕ2.4±0.2	410
		Type B	PC Pins	57.0±1.0	48.0±1.0	39.0±1.0	4.0±1.0	SQ0.64±0.1	5.0±0.2	30.0±0.5	76.5 max.	65.0 ±0.5	37.5±0.5	ϕ4.2±0.2	410
			Lead	57.5±1.0	48.5±1.0	42.8±1.0	82.5±1.0	11.0±1.0	10.5 typ.	68.0±1.0	6.7±0.5	3.5±0.2	250±10	5.0±1.0	410
			Faston Tab	57.5±1.0	48.5±1.0	42.8±1.0	82.5±1.0	11.0±1.0	10.5 typ.	68.0±1.0	6.7±0.5	3.5±0.2	6.3±0.2	0.8 ±0.1	410

Encapsulated Power Transformer
Series: EI54, 16.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
16.0VA / 18.8	230	PV54S-060-2666	6	2666	PV54D-060-1333	2 x 6	1333	40	TUV CE
		PV54S-072-2222	7.2	2222	PV54D-072-1111	2 x 7.2	1111		
		PV54S-090-1777	9	1777	PV54D-090-0888	2 x 9	888		
		PV54S-100-1600	10	1600	PV54D-100-0800	2 x 10	800		
		PV54S-120-1333	12	1333	PV54D-120-0666	2 x 12	666		
		PV54S-150-1066	15	1066	PV54D-150-0533	2 x 15	533		
		PV54S-180-0888	18	888	PV54D-180-0444	2 x 18	444		
		PV54S-240-0666	24	666	PV54D-240-0333	2 x 24	333		
	115	PV54US-060-2666	6	2666	PV54UD-060-1333	2 x 6	1333	40	UL C-UL
		PV54US-072-2222	7.2	2222	PV54UD-072-1111	2 x 7.2	1111		
		PV54US-090-1777	9	1777	PV54UD-090-0888	2 x 9	888		
		PV54US-100-1600	10	1600	PV54UD-100-0800	2 x 10	800		
		PV54US-120-1333	12	1333	PV54UD-120-0666	2 x 12	666		
		PV54US-150-1066	15	1066	PV54UD-150-0533	2 x 15	533		
		PV54US-180-0888	18	888	PV54UD-180-0444	2 x 18	444		
		PV54US-240-0666	24	666	PV54UD-240-0333	2 x 24	333		
	2X115	PV54MS-060-2666	6	2666	PV54MD-060-1333	2 x 6	1333	40	UL C-UL TUV CE
		PV54MS-072-2222	7.2	2222	PV54MD-072-1111	2 x 7.2	1111		
		PV54MS-090-1777	9	1777	PV54MD-090-0888	2 x 9	888		
		PV54MS-100-1600	10	1600	PV54MD-100-0800	2 x 10	800		
		PV54MS-120-1333	12	1333	PV54MD-120-0666	2 x 12	666		
		PV54MS-150-1066	15	1066	PV54MD-150-0533	2 x 15	533		
		PV54MS-180-0888	18	888	PV54MD-180-0444	2 x 18	444		
		PV54MS-240-0666	24	666	PV54MD-240-0333	2 x 24	333		

Part Number Designation

Five designations are available. Use PV54S-060-2666 as example:

1) PV54S-060-2666 = Potting Shell A (without fixing rails)
2) PV54S-060-2666 (R) = Potting Shell A (with fixing rails)
3) PV54S-060-2666 (SB) = Potting Shell B
4) PV54S-060-2666FL = Flying Lead style
5) PV54S-060-2666FT = Faston Tab Style

Note:

a) The flying lead style is only available for the single primary + single secondary items.
b) The Faston tab style is only available for the single primary + single secondary items.
c) When checking the approval status of this series' products with UL & TUV, the suffixes (R) , or (SB) should be omitted.
d) In case of need, please add the appropriate suffixes in the part number when ordering.

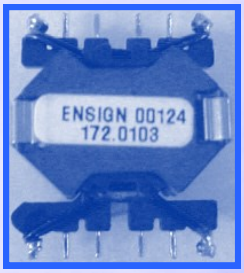
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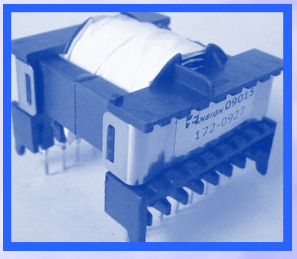
Let our

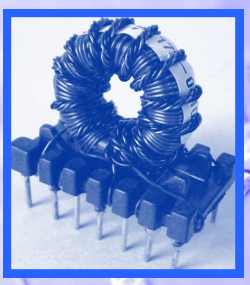
Reliability

enhance your Reputation









High Frequency Transformers

- Up to 500 KHz
- All popular core shapes
- Can design to meet domestic & international agency requirements
- Through-hole and surface mount

Wabash Transformer
A PowerVolt Company

Encapsulated Power Transformer

Series: EI60, 20.0VA - 25.0VA

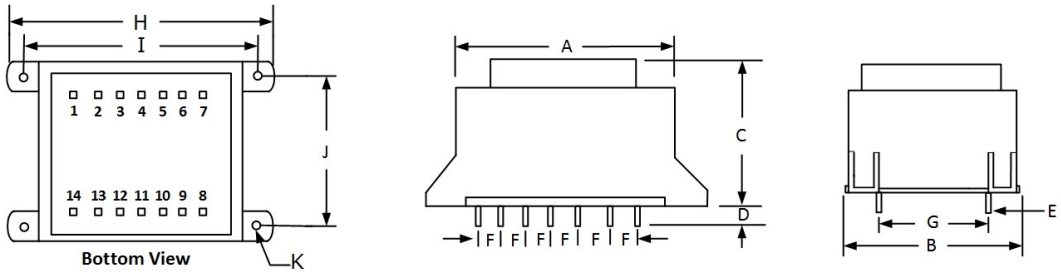


- Power Rating 20.0VA to 25.0VA
- Frequency 50/60Hz
- Insulation Class B (130°C)
- Ambient Temperature (ta) – 40°C
- Dielectric Strength – 3750 Vrms
- Potted under vacuum
- PV60S & PV60D series are fail-safe transformers
- PV60MS & PV60MD series are non-short-circuit proof transformers

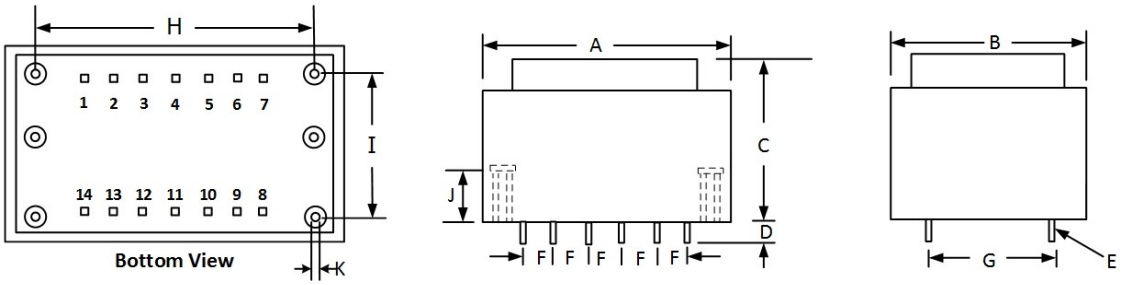
Agency Approvals:

- C-UL: CSA C22.2 #66
- UL: UL5085-2
- TUV: EN61558/EN61558

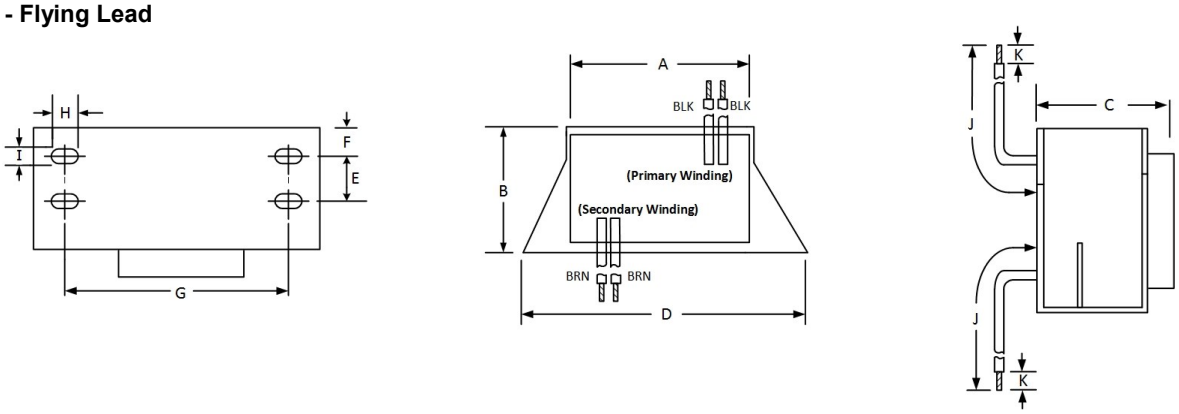
Potting Shell - Type A



Potting Shell - Type B



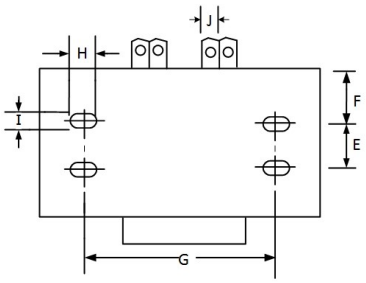
Style - Flying Lead

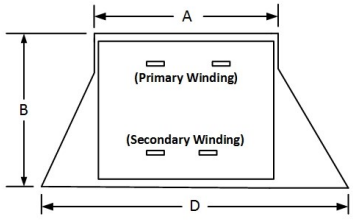


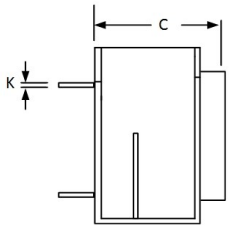
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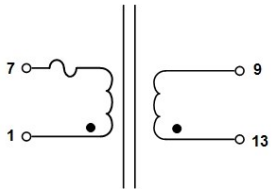
Encapsulated Power Transformer
Series: EI60, 20.0VA - 25.0VA

Style - Faston Tab

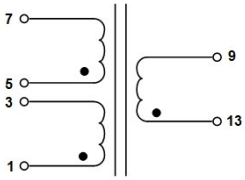




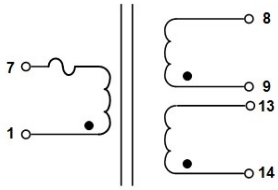




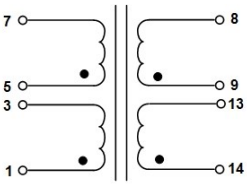
PV60S / PV60US Series



PV60MS Series



PV60D / PV60UD Series



PV60MD Series

Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 7 and Jumper Pins 3 & 5
		Parallel	Input Pin 1 & Pin 7 and Jumper Pins 1 & 5, 3 & 7
	Secondary	Series	Output Pin 9 & 13 and Jumper Pins 8 & 14
		Parallel	Output Pin 9 & 13 and Jumper Pins 8 & 13, 9 & 14

** All Dimensions are in millimeters (mm)*

VA Rating	Size	Potting Shell	Style	A	B	C	D	E	F	G	H	I	J	K	Wt. gm.
20.0 / 22.0 / 25.0	21.0	Type A	PC Pins	63.5±1.0	54.5±1.0	45.5±1.0	4.0±1.0	ϕ0.8±0.1	5.0±0.2	32.5±0.5	82.5 max.	72.5±0.5	43.5±0.5	ϕ4.2±0.2	600
		Type B	PC Pins	63.5±1.0	53.5±1.0	45.5±1.0	4.0±1.0	ϕ0.8±0.1	5.0±0.2	32.5±0.5	50.0±1.0	40.0 ±1.0	8.8 min	ϕ2.4±0.2	600
			Lead	63.5±1.0	53.5±1.0	45.5±1.0	88.0±1.0	13.5±1.0	11.5 typ.	75.0±1.0	9.0±0.5	5.0±0.2	250±10	5.0±1.0	600
			Faston Tab	63.5±1.0	53.5±1.0	45.5±1.0	88.0±1.0	13.5±1.0	11.5 typ.	75.0±1.0	9.0±0.5	5.0±0.2	6.3±0.2	0.8 ±0.1	600

Encapsulated Power Transformer
Series: EI60, 20.0VA - 25.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
20.0VA / 21.0	230	PV60S-060-3333	6	3333	PV60D-060-1666	2 x 6	1666	40	TUV CE
		PV60S-072-2777	7.2	2777	PV60D-072-1388	2 x 7.2	1388		
		PV60S-090-2222	9	2222	PV60D-090-1111	2 x 9	1111		
		PV60S-100-2000	10	2000	PV60D-100-1000	2 x 10	1000		
		PV60S-120-1666	12	1666	PV60D-120-0833	2 x 12	833		
		PV60S-150-1333	15	1333	PV60D-150-0666	2 x 15	666		
		PV60S-180-1111	18	1111	PV60D-180-0555	2 x 18	555		
		PV60S-240-0833	24	833	PV60D-240-0416	2 x 24	416		
	115	PV60US-060-3333	6	3333	PV60UD-060-1666	2 x 6	1666	40	UL C-UL
		PV60US-072-2777	7.2	2777	PV60UD-072-1388	2 x 7.2	1388		
		PV60US-090-2222	9	2222	PV60UD-090-1111	2 x 9	1111		
		PV60US-100-2000	10	2000	PV60UD-100-1000	2 x 10	1000		
		PV60US-120-1666	12	1666	PV60UD-120-0833	2 x 12	833		
		PV60US-150-1333	15	1333	PV60UD-150-0666	2 x 15	666		
		PV60US-180-1111	18	1111	PV60UD-180-0555	2 x 18	555		
		PV60US-240-0833	24	833	PV60UD-240-0416	2 x 24	416		
	2X115	PV60MS-060-3333	6	3333	PV60MD-060-1666	2 x 6	1666	40	UL C-UL TUV CE
		PV60MS-072-2777	7.2	2777	PV60MD-072-1388	2 x 7.2	1388		
		PV60MS-090-2222	9	2222	PV60MD-090-1111	2 x 9	1111		
		PV60MS-100-2000	10	2000	PV60MD-100-1000	2 x 10	1000		
		PV60MS-120-1666	12	1666	PV60MD-120-0833	2 x 12	833		
		PV60MS-150-1333	15	1333	PV60MD-150-0666	2 x 15	666		
		PV60MS-180-1111	18	1111	PV60MD-180-0555	2 x 18	555		
		PV60MS-240-0833	24	833	PV60MD-240-0416	2 x 24	416		
22.0VA / 21.0	230	PV60S-060-3666	6	3666	PV60D-060-1833	2 x 6	1833	40	TUV CE
		PV60S-072-3055	7.2	3055	PV60D-072-1527	2 x 7.2	1527		
		PV60S-090-2444	9	2444	PV60D-090-1222	2 x 9	1222		
		PV60S-100-2200	10	2200	PV60D-100-1100	2 x10	1100		
		PV60S-120-1833	12	1833	PV60D-120-0916	2 x12	916		
		PV60S-150-1466	15	1466	PV60D-150-0733	2 x 15	733		
		PV60S-180-1222	18	1222	PV60D-180-0611	2 x 18	611		
		PV60S-240-0916	24	916	PV60D-240-0458	2 x 24	458		
	115	PV60US-060-3666	6	3666	PV60UD-060-1833	2 x 6	1833	40	UL C-UL
		PV60US-072-3055	7.2	3055	PV60UD-072-1527	2 x 7.2	1527		
		PV60US-090-2444	9	2444	PV60UD-090-1222	2 x 9	1222		
		PV60US-100-2200	10	2200	PV60UD-100-1100	2 x 10	1100		
		PV60US-120-1833	12	1833	PV60UD-120-0916	2 x 12	916		
		PV60US-150-1466	15	1466	PV60UD-150-0733	2 x 15	733		
		PV60US-180-1222	18	1222	PV60UD-180-0611	2 x 18	611		
		PV60US-240-0916	24	916	PV60UD-240-0458	2 x 24	458		
	2X115	PV60MS-060-3666	6	3666	PV60MD-060-1833	2 x 6	1833	40	UL C-UL TUV CE
		PV60MS-072-3055	7.2	3055	PV60MD-072-1527	2 x 7.2	1527		
		PV60MS-090-2444	9	2444	PV60MD-090-1222	2 x 9	1222		
		PV60MS-100-2200	10	2200	PV60MD-100-1100	2 x 10	1100		
		PV60MS-120-1833	12	1833	PV60MD-120-0916	2 x 12	916		
		PV60MS-150-1466	15	1466	PV60MD-150-0733	2 x 15	733		
		PV60MS-180-1222	18	1222	PV60MD-180-0611	2 x 18	611		
		PV60MS-240-0916	24	916	PV60MD-240-0458	2 x 24	458		

Continued...

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Encapsulated Power Transformer
Series: EI60, 20.0VA - 25.0VA

(Continued)

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
25.0VA / 21.0	230	PV60S-060-4166	6	4166	PV60D-060-2083	2 x 6	2083	40	TUV CE
		PV60S-072-3472	7.2	3472	PV60D-072-1736	2 x 7.2	1736		
		PV60S-090-2777	9	2777	PV60D-090-1388	2 x 9	1388		
		PV60S-100-2500	10	2500	PV60D-100-1250	2 x 10	1250		
		PV60S-120-2083	12	2083	PV60D-120-1041	2 x 12	1041		
		PV60S-150-1666	15	1666	PV60D-150-0833	2 x 15	833		
		PV60S-180-1388	18	1388	PV60D-180-0694	2 x 18	694		
		PV60S-240-1041	24	1041	PV60D-240-0520	2 x 24	520		
	115	PV60US-060-4166	6	4166	PV60UD-060-2083	2 x 6	2083	40	UL C-UL
		PV60US-072-3472	7.2	3472	PV60UD-072-1736	2 x 7.2	1736		
		PV60US-090-2777	9	2777	PV60UD-090-1388	2 x 9	1388		
		PV60US-100-2500	10	2500	PV60UD-100-1250	2 x 10	1250		
		PV60US-120-2083	12	2083	PV60UD-120-1041	2 x 12	1041		
		PV60US-150-1666	15	1666	PV60UD-150-0833	2 x 15	833		
		PV60US-180-1388	18	1388	PV60UD-180-0694	2 x 18	694		
		PV60US-240-1041	24	1041	PV60UD-240-0520	2 x 24	520		
	2X115	PV60MS-060-4166	6	4166	PV60MD-060-2083	2 x 6	2083	40	UL C-UL TUV CE
		PV60MS-072-3472	7.2	3472	PV60MD-072-1736	2 x 7.2	1736		
		PV60MS-090-2777	9	2777	PV60MD-090-1388	2 x 9	1388		
		PV60MS-100-2500	10	2500	PV60MD-100-1250	2 x 10	1250		
		PV60MS-120-2083	12	2083	PV60MD-120-1041	2 x 12	1041		
		PV60MS-150-1666	15	1666	PV60MD-150-0833	2 x 15	833		
		PV60MS-180-1388	18	1388	PV60MD-180-0694	2 x 18	694		
		PV60MS-240-1041	24	1041	PV60MD-240-0520	2 x 24	520		

Part Number Designation

Four designations are available. Use PV60S-060-3333 as example:

1) PV60S-060-3333 = Potting Shell A
2) PV60S-060-3333 (SB) = Potting Shell B (with fixing rails)
3) PV60S-060-3333FL = Flying Lead style
4) PV60S-060-3333FT = Faston Tab style

Note:

a) The flying lead style is only available for the single primary + single secondary items.
b) The faston tab style is only available for the single primary + single secondary items.
c) When checking the approval status of this series' products with UL & TUV, the suffixes (SB) should be omitted.
d) In case of need, please add the appropriate suffixes in the part number when ordering.

Encapsulated Power Transformer

Series: EI66, 30.0VA - 36.0VA

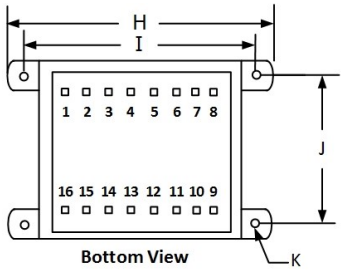


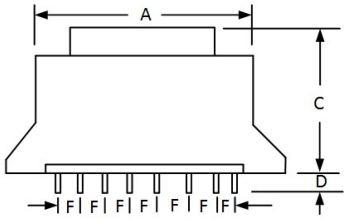
- Power Rating 30.0VA to 36.0VA
- Frequency 50/60Hz
- Insulation Class B (130°C)
- Ambient Temperature (ta) – 40°C
- Dielectric Strength – 3750 Vrms
- Potted under vacuum
- PV66S & PV66D series are fail-safe transformers
- PV66MS & PV66MD series are non-short-circuit proof transformers

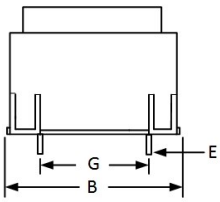
Agency Approvals:

- C-UL: CSA C22.2 #66
- UL: UL5085-2
- TUV: EN61558

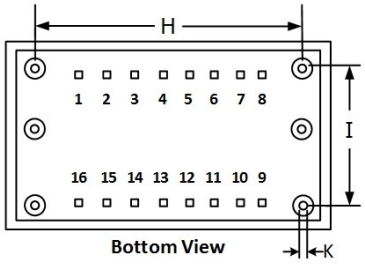
Potting Shell - Type A

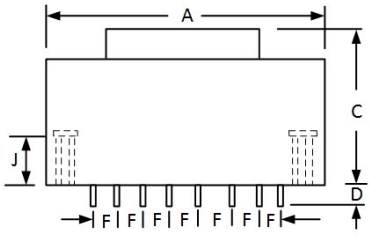


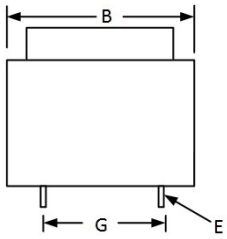




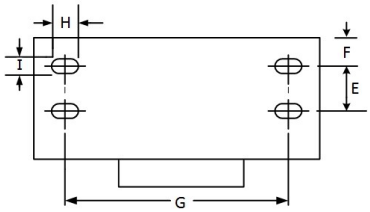
Potting Shell - Type B

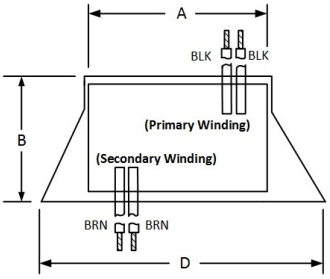


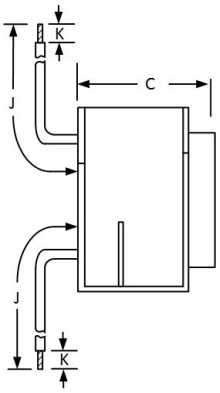




Style - Flying Lead



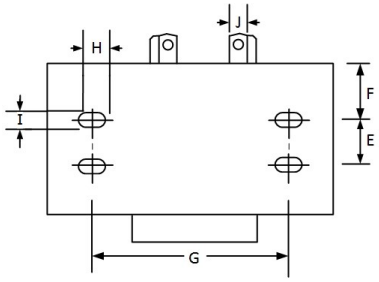


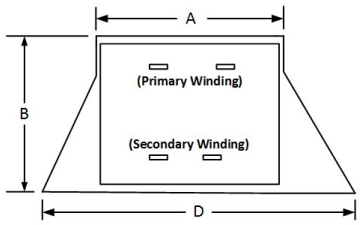


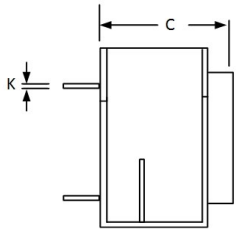
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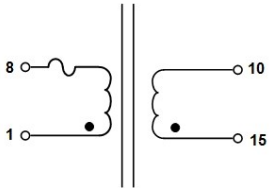
Encapsulated Power Transformer
Series: EI66, 30.0VA - 36.0VA

Style - Faston Tab

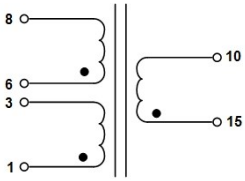




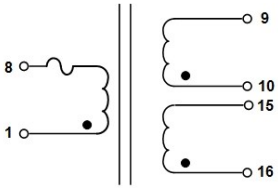




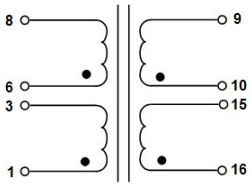
PV66S / PV66US Series



PV66MS Series



PV66D / PV66UD Series



PV66MD Series

Pins Connection (dual winding)	Primary	Series	Input Pin 1 & Pin 8 and Jumper Pins 3 & 6
		Parallel	Input Pin 1 & Pin 8 and Jumper Pins 1 & 6, 3 & 8
	Secondary	Series	Output Pin 10 & 15 and Jumper Pins 9 & 16
		Parallel	Output Pin 10 &15 and Jumper Pins 10 &16, 9 & 15

** All Dimensions are in millimeters (mm)*

VA Rating	Size	Potting Shell	Style	A	B	C	D	E	F	G	H	I	J	K	Wt. gm.
30.0 / 36.0	23.0	Type A	PC Pins	70.0±1.0	59.0±1.0	48.5±1.0	4.0±1.0	ϕ0.8±0.1	5.0±0.2	35.0±0.5	88.0 max.	77.5±0.5	47.5±0.5	ϕ4.2±0.2	750
		Type B	PC Pins	70.0±1.0	59.0±1.0	48.8±1.0	4.0±1.0	ϕ0.8±0.1	5.0±0.2	35.0±0.5	55.0±1.0	44.0 ±1.0	10.4 min	ϕ2.4±0.2	750
			Lead	71.8±1.0	58.5±1.0	48.8±1.0	94.0±1.0	13.0±1.0	12.7 typ.	82.0±1.0	8.3±0.5	5.0±0.2	250±10	5.0±1.0	750
			Faston Tab	71.8±1.0	58.5±1.0	48.8±1.0	94.0±1.0	13.0±1.0	12.7 typ.	82.0±1.0	8.3±0.5	5.0±0.2	6.3±0.2	0.8 ±0.1	750

Part Number Designation

Four designations are available. Use PV66S-060-5000 as example:

1) PV66S-060-5000 = Potting Shell A
2) PV66S-060-5000 (SB) = Potting Shell B (with fixing rails)
3) PV66S-060-5000FL = Flying Lead style
4) PV66S-060-5000FT = Faston Tab style

Note:

a) The flying lead style is only available for the single primary + single secondary items.
b) The Faston tab style is only available for the single primary + single secondary items.
c) When checking the approval status of this series' products with UL & TUV, the suffixes (SB) should be omitted.
d) In case of need, please add the appropriate suffixes in the part number when ordering.

Encapsulated Power Transformer
Series: EI66, 30.0VA - 36.0VA

VA Rating/ Size	Primary (V)	Single Secondary			Dual Secondary			ta (°C)	Agency Approval
		Part Number	Secondary Rating		Part Number	Secondary Rating			
			(V)	(mA)		(V)	(mA)		
30.0VA / 23.0	230	PV66S-060-5000	6	5000	PV66D-060-2500	2 x 6	2500	40	TUV CE
		PV66S-072-4166	7.2	4166	PV66D-072-2083	2 x 7.2	2083		
		PV66S-090-3333	9	3333	PV66D-090-1666	2 x 9	1666		
		PV66S-100-3000	10	3000	PV66D-100-1500	2 x 10	1500		
		PV66S-120-2500	12	2500	PV66D-120-1250	2 x 12	1250		
		PV66S-150-2000	15	2000	PV66D-150-1000	2 x 15	1000		
		PV66S-180-1666	18	1666	PV66D-180-0833	2 x 18	833		
		PV66S-240-1250	24	1250	PV66D-240-0625	2 x 24	625		
	115	PV66US-060-5000	6	5000	PV66UD-060-2500	2 x 6	2500	40	UL C-UL
		PV66US-072-4166	7.2	4166	PV66UD-072-2083	2 x 7.2	2083		
		PV66US-090-3333	9	3333	PV66UD-090-1666	2 x 9	1666		
		PV66US-100-3000	10	3000	PV66UD-100-1500	2 x 10	1500		
		PV66US-120-2500	12	2500	PV66UD-120-1250	2 x 12	1250		
		PV66US-150-2000	15	2000	PV66UD-150-1000	2 x 15	1000		
		PV66US-180-1666	18	1666	PV66UD-180-0833	2 x 18	833		
		PV66US-240-1250	24	1250	PV66UD-240-0625	2 x 24	625		
	2X115	PV66MS-060-5000	6	5000	PV66MD-060-2500	2 x 6	2500	40	UL C-UL TUV CE
		PV66MS-072-4166	7.2	4166	PV66MD-072-2083	2 x 7.2	2083		
		PV66MS-090-3333	9	3333	PV66MD-090-1666	2 x 9	1666		
		PV66MS-100-3000	10	3000	PV66MD-100-1500	2 x 10	1500		
		PV66MS-120-2500	12	2500	PV66MD-120-1250	2 x 12	1250		
		PV66MS-150-2000	15	2000	PV66MD-150-1000	2 x 15	1000		
		PV66MS-180-1666	18	1666	PV66MD-180-0833	2 x 18	833		
		PV66MS-240-1250	24	1250	PV66MD-240-0625	2 x 24	625		
36.0VA / 23.0	230	PV66S-060-6000	6	6000	PV66D-060-3000	2 x 6	3000	40	TUV CE
		PV66S-072-5000	7.2	5000	PV66D-072-2500	2 x 7.2	2500		
		PV66S-090-4000	9	4000	PV66D-090-2000	2 x 9	2000		
		PV66S-100-3600	10	3600	PV66D-100-1800	2 x10	1800		
		PV66S-120-3000	12	3000	PV66D-120-1500	2 x12	1500		
		PV66S-150-2400	15	2400	PV66D-150-1200	2 x 15	1200		
		PV66S-180-2000	18	2000	PV66D-180-1000	2 x 18	1000		
		PV66S-240-1500	24	1500	PV66D-240-0750	2 x 24	750		
	115	PV66US-060-6000	6	6000	PV66UD-060-3000	2 x 6	3000	40	UL C-UL
		PV66US-072-5000	7.2	5000	PV66UD-072-2500	2 x 7.2	2500		
		PV66US-090-4000	9	4000	PV66UD-090-2000	2 x 9	2000		
		PV66US-100-3600	10	3600	PV66UD-100-1800	2 x 10	1800		
		PV66US-120-3000	12	3000	PV66UD-120-1500	2 x 12	1500		
		PV66US-150-2400	15	2400	PV66UD-150-1200	2 x 15	1200		
		PV66US-180-2000	18	2000	PV66UD-180-1000	2 x 18	1000		
		PV66US-240-1500	24	1500	PV66UD-240-0750	2 x 24	750		
	2X115	PV66MS-060-6000	6	6000	PV66MD-060-3000	2 x 6	3000	40	UL C-UL TUV CE
		PV66MS-072-5000	7.2	5000	PV66MD-072-2500	2 x 7.2	2500		
		PV66MS-090-4000	9	4000	PV66MD-090-2000	2 x 9	2000		
		PV66MS-100-3600	10	3600	PV66MD-100-1800	2 x 10	1800		
		PV66MS-120-3000	12	3000	PV66MD-120-1500	2 x 12	1500		
		PV66MS-150-2400	15	2400	PV66MD-150-1200	2 x 15	1200		
		PV66MS-180-2000	18	2000	PV66MD-180-1000	2 x 18	1000		
		PV66MS-240-1500	24	1500	PV66MD-240-0750	2 x 24	750		

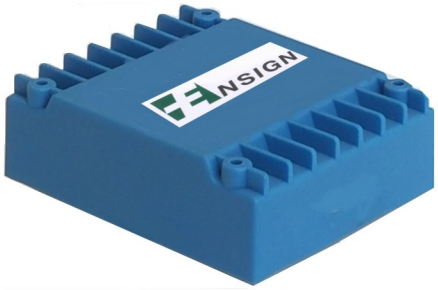
Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

Notes:

Encapsulated Power Transformer
0.8VA - 1.0VA

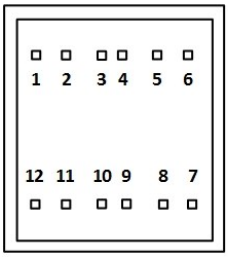
Series: UI21 - Low Profile

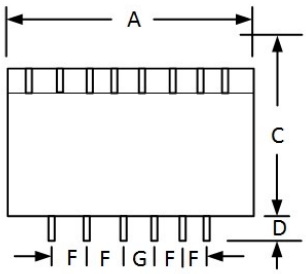
- **Power Rating 0.8VA to 1.0VA**
- **Insulation Class B (130°C)**
- **Ambient Temperature (ta) – 70°C**
- **Dielectric Strength – 3750 Vrms**
- **Potted under vacuum**
- **Short-circuit proof**

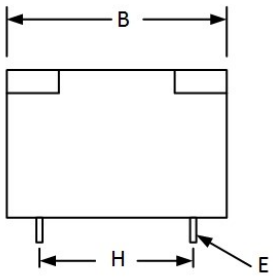


Agency Approvals:

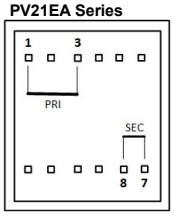
- **UL: UL 5085-1/5085-2**
- **C-UL: CSA C22.2 #66**
- **TUV: EN61558**

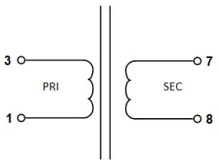






PV21EA Series

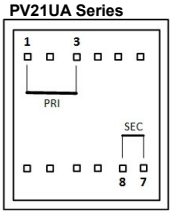


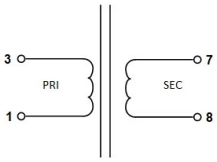


Bottom View

Input: 230V 50/60Hz (Pin 1-Pin 3)
Output: Pin 7 - Pin 8

PV21UA Series

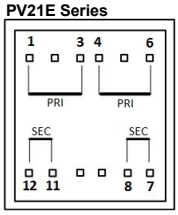


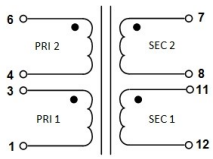


Bottom View

Input: 115V 50/60Hz (Pin 1-Pin 3)
Output: Pin 7- Pin 8

PV21E Series

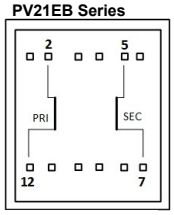


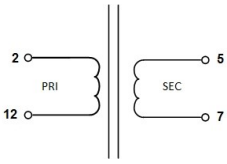


Bottom View

Input: 115V 50/60Hz Pin 1 & Pin 6 and Jumper Pins 1 &4, 3 & 6
230V 50/60Hz Pin 1 & Pin 6 and Jumper Pins 3 & 4
Output: Series Pin 7 & Pin 12 and Jumper Pins 8 & 11; OR
Parallel Pin 7 & Pin 12 and Jumper Pins 7 & 11, 8 & 12; OR
Individual Pin 7 & 8, Pin 11 & 12

PV21EB Series

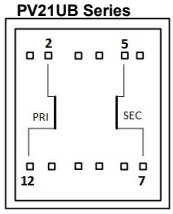


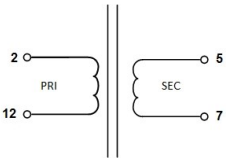


Bottom View

Input: 230V 50/60Hz (Pin 2-Pin 12)
Output: Pin 5 - Pin 7

PV21UB Series

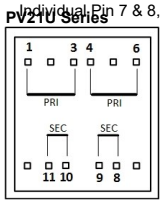


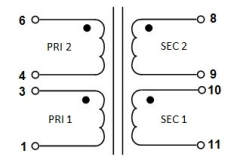


Bottom View

Input: 115V 50/60Hz (Pin 2-Pin 12)
Output: Pin 5 - Pin 7

PV21U Series





Bottom View

Input: 115V 50/60Hz Pin 1 & Pin 6 and Jumper Pins 1 & 4, 3 & 6
230V 50/60Hz Pin 1 & Pin 6 and Jumper Pins 3 & 4
Output: Series Pin 8 & Pin 11 and Jumper Pins 9 & 10; OR
Parallel Pin 8 & Pin 11 and Jumper Pins 8 & 10, 9 & 11; OR
Individual Pin 8 & 9, Pin 10 & 11

** All Dimensions are in millimeters (mm)*

VA Rating	A (±0.5)	B (±0.5)	C (±0.5)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.2)	H (±0.5)	Wt. gm.
0.8 / 1.0	31.0	34.0	15.0	4.0	SQ0.64	5.0	3.5	20.0	55

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Encapsulated Power Transformer
0.8VA - 1.0VA

Series: UI21 - Low Profile

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
0.8VA	230	PV21EA-003-0266	PV21EB-003-0266	3	266	70	TUV CE
		PV21EA-006-0132	PV21EB-006-0132	6	132		
		PV21EA-007-0106	PV21EB-007-0106	7.5	106		
		PV21EA-009-0088	PV21EB-009-0088	9	88		
		PV21EA-010-0080	PV21EB-010-0080	10	80		
		PV21EA-012-0066	PV21EB-012-0066	12	66		
		PV21EA-015-0054	PV21EB-015-0054	15	54		
		PV21EA-018-0044	PV21EB-018-0044	18	44		
		PV21EA-021-0038	PV21EB-021-0038	21	38		
		PV21EA-024-0034	PV21EB-024-0034	24	34		
	115	PV21UA-003-0266	PV21UB-003-0266	3	266	70	UL C-UL
		PV21UA-006-0132	PV21UB-006-0132	6	132		
		PV21UA-007-0106	PV21UB-007-0106	7.5	106		
		PV21UA-009-0088	PV21UB-009-0088	9	88		
		PV21UA-010-0080	PV21UB-010-0080	10	80		
		PV21UA-012-0066	PV21UB-012-0066	12	66		
		PV21UA-015-0054	PV21UB-015-0054	15	54		
		PV21UA-018-0044	PV21UB-018-0044	18	44		
		PV21UA-021-0038	PV21UB-021-0038	21	38		
		PV21UA-024-0034	PV21UB-024-0034	24	34		
	2X115	PV21E-003-0133	PV21U-003-0133	2 x 3	133	70	UL C-UL TUV CE
		PV21E-006-0066	PV21U-006-0066	2 x 6	66		
		PV21E-007-0053	PV21U-007-0053	2 x 7.5	53		
		PV21E-009-0044	PV21U-009-0044	2 x 9	44		
		PV21E-010-0040	PV21U-010-0040	2 x 10	40		
		PV21E-012-0033	PV21U-012-0033	2 x 12	33		
		PV21E-015-0027	PV21U-015-0027	2 x 15	27		
		PV21E-018-0022	PV21U-018-0022	2 x 18	22		
		PV21E-021-0019	PV21U-021-0019	2 x 21	19		
		PV21E-024-0017	PV21U-024-0017	2 x 24	17		
1.0VA	230	PV21EA-003-0334	PV21EB-003-0334	3	334	70	TUV CE
		PV21EA-006-0166	PV21EB-006-0166	6	166		
		PV21EA-007-0134	PV21EB-007-0134	7.5	134		
		PV21EA-009-0112	PV21EB-009-0112	9	112		
		PV21EA-010-0100	PV21EB-010-0100	10	100		
		PV21EA-012-0084	PV21EB-012-0084	12	84		
		PV21EA-015-0066	PV21EB-015-0066	15	66		
		PV21EA-018-0056	PV21EB-018-0056	18	56		
		PV21EA-021-0048	PV21EB-021-0048	21	48		
		PV21EA-024-0042	PV21EB-024-0042	24	42		
	115	PV21UA-003-0334	PV21UB-003-0334	3	334	70	UL C-UL
		PV21UA-006-0166	PV21UB-006-0166	6	166		
		PV21UA-007-0134	PV21UB-007-0134	7.5	134		
		PV21UA-009-0112	PV21UB-009-0112	9	112		
		PV21UA-010-0100	PV21UB-010-0100	10	100		
		PV21UA-012-0084	PV21UB-012-0084	12	84		
		PV21UA-015-0066	PV21UB-015-0066	15	66		
		PV21UA-018-0056	PV21UB-018-0056	18	56		
		PV21UA-021-0048	PV21UB-021-0048	21	48		
		PV21UA-024-0042	PV21UB-024-0042	24	42		
	2X115	PV21E-003-0167	PV21U-003-0167	2 x 3	167	70	UL C-UL TUV CE
		PV21E-006-0083	PV21U-006-0083	2 x 6	83		
		PV21E-007-0067	PV21U-007-0067	2 x 7.5	67		
		PV21E-009-0056	PV21U-009-0056	2 x 9	56		
		PV21E-010-0050	PV21U-010-0050	2 x 10	50		
		PV21E-012-0042	PV21U-012-0042	2 x 12	42		
		PV21E-015-0033	PV21U-015-0033	2 x 15	33		
		PV21E-018-0028	PV21U-018-0028	2 x 18	28		
		PV21E-021-0024	PV21U-021-0024	2 x 21	24		
		PV21E-024-0021	PV21U-024-0021	2 x 24	21		

Encapsulated Power Transformer
2.0VA - 10.0VA

Series: UI29 - Low Profile

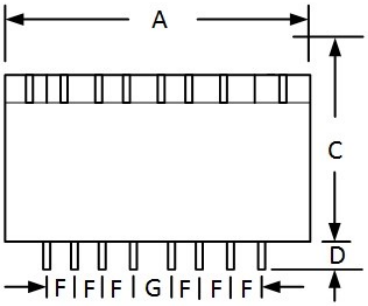


- **Power Rating 2.0VA to 10.0VA**
- **Insulation Class B (130°C)**
- **Ambient Temperature (ta) – 40°C**
- **Dielectric Strength – 3750 Vrms**
- **Potted under vacuum**
- **2VA, 3VA & 4VA series are short-circuit proof transformers**
- **6VA, 8VA & 10VA series are fail-safe transformers**
  Note: The TCO (thermal cut-off) is omitted for the 2VA, 3VA & 4VA series

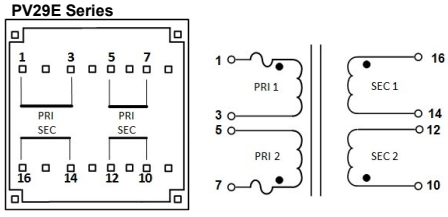
Agency Approvals:

- **C-UL: CSA C22.2 #66**
- **UL: UL5085-2**
- **TUV: EN61558**





PV29E Series

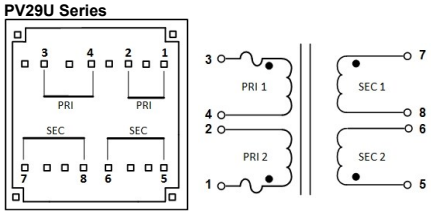


Bottom View

Input: 115V 60Hz Pin 1 & Pin 5 and Jumper Pins 1 & 7, 3 & 5
230V 50Hz Pin 1 & Pin 5 and Jumper Pins 3 & 7

Output: Series Pin 10 & Pin 14 and Jumper Pins 12 & 16; OR
Parallel Pin 10 & Pin 14 and Jumper Pins 10 & 16, 12 & 14

PV29U Series



Bottom View

Input: 115V 60Hz Pin 1 & Pin 4 and Jumper Pins 1 & 3, 2 & 4
230V 50Hz Pin 1 & Pin 4 and Jumper Pins 2 & 3

Output: Series Pin 5 & Pin 8 and Jumper Pins 6 & 7; OR
Parallel Pin 5 & Pin 8 and Jumper Pins 5 & 7, 6 & 8

** All Dimensions are in millimeters (mm)*

VA Rating	A (±0.5)	B (±0.5)	C (±0.5)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.2)	H (±0.5)	Wt. gm.
2.0 / 3.0	43.5	52.5	17.0	4.0	SQ0.64	5.0	5.0	35.0	115
4.0	43.5	52.5	19.0	4.0	SQ0.64	5.0	5.0	35.0	135
6.0	43.5	52.5	22.0	4.0	SQ0.64	5.0	5.0	35.0	175
8.0 / 10.0	43.5	52.5	28.0	4.0	SQ0.64	5.0	5.0	35.0	230

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Encapsulated Power Transformer
2.0VA - 10.0VA

Series: UI29 - Low Profile

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
2.0VA	2X115	PV29E-005-0200	PV29U-005-0200	2 x 5	200	40	UL C-UL TUV CE
		PV29E-006-0166	PV29U-006-0166	2 x 6	166		
		PV29E-008-0125	PV29U-008-0125	2 x 8	125		
		PV29E-009-0111	PV29U-009-0111	2 x 9	111		
		PV29E-010-0100	PV29U-010-0100	2 x 10	100		
		PV29E-012-0083	PV29U-012-0083	2 x 12	83		
		PV29E-015-0066	PV29U-015-0066	2 x 15	66		
		PV29E-017-0059	PV29U-017-0059	2 x 17	59		
		PV29E-018-0055	PV29U-018-0055	2 x 18	55		
		PV29E-020-0050	PV29U-020-0050	2 x 20	50		
		PV29E-021-0047	PV29U-021-0047	2 x 21	47		
		PV29E-024-0041	PV29U-024-0041	2 x 24	41		
		PV29E-028-0036	PV29U-028-0036	2 x 28	36		
		PV29E-115-0009	PV29U-115-0009	2 x 115	9		
3.0VA	2X115	PV29E-005-0300	PV29U-005-0300	2 x 5	300	40	UL C-UL TUV CE
		PV29E-006-0250	PV29U-006-0250	2 x 6	250		
		PV29E-008-0187	PV29U-008-0187	2 x 8	187		
		PV29E-009-0166	PV29U-009-0166	2 x 9	166		
		PV29E-010-0150	PV29U-010-0150	2 x 10	150		
		PV29E-012-0125	PV29U-012-0125	2 x 12	125		
		PV29E-015-0100	PV29U-015-0100	2 x 15	100		
		PV29E-017-0088	PV29U-017-0088	2 x 17	88		
		PV29E-018-0083	PV29U-018-0083	2 x 18	83		
		PV29E-020-0075	PV29U-020-0075	2 x 20	75		
		PV29E-021-0071	PV29U-021-0071	2 x 21	71		
		PV29E-024-0063	PV29U-024-0063	2 x 24	63		
		PV29E-028-0053	PV29U-028-0053	2 x 28	53		
		PV29E-115-0013	PV29U-115-0013	2 x 115	13		
4.0VA	2X115	PV29E-005-0400	PV29U-005-0400	2 x 5	400	40	UL C-UL TUV CE
		PV29E-006-0333	PV29U-006-0333	2 x 6	333		
		PV29E-008-0250	PV29U-008-0250	2 x 8	250		
		PV29E-009-0222	PV29U-009-0222	2 x 9	222		
		PV29E-010-0200	PV29U-010-0200	2 x 10	200		
		PV29E-012-0166	PV29U-012-0166	2 x 12	166		
		PV29E-015-0133	PV29U-015-0133	2 x 15	133		
		PV29E-017-0118	PV29U-017-0118	2 x 17	118		
		PV29E-018-0111	PV29U-018-0111	2 x 18	111		
		PV29E-020-0100	PV29U-020-0100	2 x 20	100		
		PV29E-021-0095	PV29U-021-0095	2 x 21	95		
		PV29E-024-0083	PV29U-024-0083	2 x 24	83		
		PV29E-028-0071	PV29U-028-0071	2 x 28	71		
		PV29E-115-0017	PV29U-115-0017	2 x 115	17		

Continued...

Encapsulated Power Transformer
2.0VA - 10.0VA

Series: UI29 - Low Profile

(Continued)

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
6.0VA	2X115	PV29E-005-0600	PV29U-005-0600	2 x 5	600	40	UL C-UL TUV CE
		PV29E-006-0500	PV29U-006-0500	2 x 6	500		
		PV29E-008-0375	PV29U-008-0375	2 x 8	375		
		PV29E-009-0333	PV29U-009-0333	2 x 9	333		
		PV29E-010-0300	PV29U-010-0300	2 x 10	300		
		PV29E-012-0250	PV29U-012-0250	2 x 12	250		
		PV29E-015-0200	PV29U-015-0200	2 x 15	200		
		PV29E-017-0176	PV29U-017-0176	2 x 17	176		
		PV29E-018-0166	PV29U-018-0166	2 x 18	166		
		PV29E-020-0150	PV29U-020-0150	2 x 20	150		
		PV29E-021-0142	PV29U-021-0142	2 x 21	142		
		PV29E-024-0125	PV29U-024-0125	2 x 24	125		
		PV29E-028-0107	PV29U-028-0107	2 x 28	107		
		PV29E-115-0026	PV29U-115-0026	2 x 115	26		
8.0VA	2X115	PV29E-005-0800	PV29U-005-0800	2 x 5	800	40	UL C-UL TUV CE
		PV29E-006-0666	PV29U-006-0666	2 x 6	666		
		PV29E-008-0500	PV29U-008-0500	2 x 8	500		
		PV29E-009-0444	PV29U-009-0444	2 x 9	444		
		PV29E-010-0400	PV29U-010-0400	2 x 10	400		
		PV29E-012-0333	PV29U-012-0333	2 x 12	333		
		PV29E-015-0266	PV29U-015-0266	2 x 15	266		
		PV29E-017-0235	PV29U-017-0235	2 x 17	235		
		PV29E-018-0222	PV29U-018-0222	2 x 18	222		
		PV29E-020-0200	PV29U-020-0200	2 x 20	200		
		PV29E-021-0190	PV29U-021-0190	2 x 21	190		
		PV29E-024-0166	PV29U-024-0166	2 x 24	166		
		PV29E-028-0143	PV29U-028-0143	2 x 28	143		
		PV29E-115-0035	PV29U-115-0035	2 x 115	35		
10.0VA	2X115	PV29E-005-1000	PV29U-005-1000	2 x 5	1000	40	UL C-UL TUV CE
		PV29E-006-0833	PV29U-006-0833	2 x 6	833		
		PV29E-008-0625	PV29U-008-0625	2 x 8	625		
		PV29E-009-0555	PV29U-009-0555	2 x 9	555		
		PV29E-010-0500	PV29U-010-0500	2 x 10	500		
		PV29E-012-0416	PV29U-012-0416	2 x 12	416		
		PV29E-015-0333	PV29U-015-0333	2 x 15	333		
		PV29E-017-0294	PV29U-017-0294	2 x 17	294		
		PV29E-018-0277	PV29U-018-0277	2 x 18	277		
		PV29E-020-0250	PV29U-020-0250	2 x 20	250		
		PV29E-021-0238	PV29U-021-0238	2 x 21	238		
		PV29E-024-0208	PV29U-024-0208	2 x 24	208		
		PV29E-028-0179	PV29U-028-0179	2 x 28	179		
		PV29E-115-0043	PV29U-115-0043	2 x 115	43		

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Medical & Dental Equipment Transformers

Isolation Transformers

Toroids

Surface Mount Transformers

Power Transformers

General Specifications:



Input Voltages: up to 600 Volts
Output Voltages: to meet the requirements of your application.
Power Rating: up to 225KVA
Frequency: - line frequency (50/60 Hz)
- high frequency (up to 400KHz available)
Creepage: 3mm to 12mm based on your application.
Dielectric Strength: up to 4KV
Flame Rating: UL94-HB up to UL94-V0



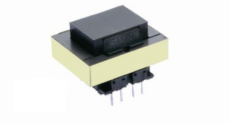
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Safety — you can count on !



Typical Agency Standards:



UL Standards: 506/UL 5085-2, UL 60601-1

Insulation system: UL 1446 Recognized Class B(130°C) through Class N (200°C)

CSA Standard: 22.2 #66.1



IEC/EN Standards: 60950

CE Compliance : Based on customer request and region of application

Can Design to meet

cULus RoHS CSA DVE CE IEC CEC

Wabash Transformer
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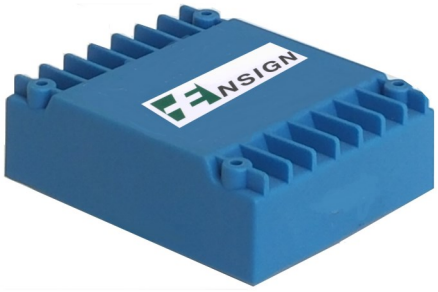
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Encapsulated Power Transformer
10.0VA - 30.0VA

Series: UI39 - Low Profile

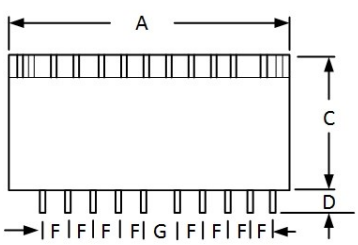
- **Power Rating 10.0VA to 30.0VA**
- **Insulation Class B (130°C)**
- **Ambient Temperature (ta) – 40°C**
- **Dielectric Strength – 3750 Vrms**
- **Potted under vacuum**
- **Fail-safe**



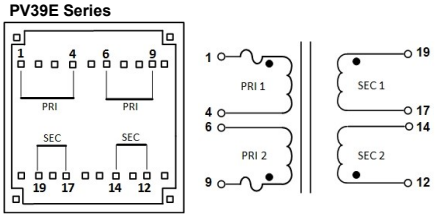
Agency Approvals:

- **C-UL: CSA C22.2 #66**
- **UL: UL5085-2**
- **TUV: EN61558**





PV39E Series

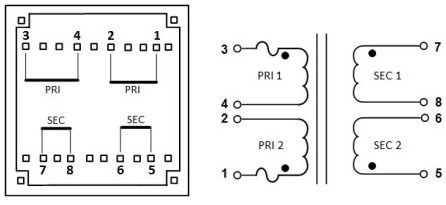


Bottom View

Input: 115V 60Hz Pin 1 & Pin 6 and Jumper Pins 1 & 9, 4 & 6
230V 50Hz Pin 1 & Pin 6 and Jumper Pins 4 & 9

Output: Series Pin 12 & Pin 17 and Jumper Pins 14 & 19; OR
Parallel Pin 12 & Pin 17 and Jumper Pins 12 & 19, 14 & 17

PV39U Series



Bottom View

Input: 115V 60Hz Pin 1 & Pin 4 and Jumper Pins 1 & 3, 2 & 4
230V 50Hz Pin 1 & Pin 4 and Jumper Pins 2 & 3

Output: Series Pin 5 & Pin 8 and Jumper Pins 6 & 7; OR
Parallel Pin 5 & Pin 8 and Jumper Pins 5 & 7, 6 & 8

** All Dimensions are in millimeters (mm)*

VA Rating	A (±1.0)	B (±1.0)	C (±1.0)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.2)	H (±0.5)	Wt. gm.
10.0	57.0	68.0	22.0	4.0	SQ0.64	5.0	6.0	45.0	260
14.0	57.0	68.0	24.0	4.0	SQ0.64	5.0	6.0	45.0	310
18.0	57.0	68.0	27.0	4.0	SQ0.64	5.0	6.0	45.0	350
24.0	57.0	68.0	31.0	4.0	SQ0.64	5.0	6.0	45.0	435
30.0	57.0	68.0	35.0	4.0	SQ0.64	5.0	6.0	45.0	515

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Encapsulated Power Transformer
10.0VA - 30.0VA

Series: UI39 - Low Profile

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
10.0VA	2X115	PV39E-005-1000	PV39U-005-1000	2 x 5	1000	40	UL C-UL TUV CE
		PV39E-006-0833	PV39U-006-0833	2 x 6	833		
		PV39E-008-0625	PV39U-008-0625	2 x 8	625		
		PV39E-009-0555	PV39U-009-0555	2 x 9	555		
		PV39E-010-0500	PV39U-010-0500	2 x 10	500		
		PV39E-012-0416	PV39U-012-0416	2 x 12	416		
		PV39E-015-0333	PV39U-015-0333	2 x 15	333		
		PV39E-017-0294	PV39U-017-0294	2 x 17	294		
		PV39E-018-0277	PV39U-018-0277	2 x 18	277		
		PV39E-020-0250	PV39U-020-0250	2 x 20	250		
		PV39E-021-0238	PV39U-021-0238	2 x 21	238		
		PV39E-024-0208	PV39U-024-0208	2 x 24	208		
		PV39E-028-0179	PV39U-028-0179	2 x 28	179		
		PV39E-115-0043	PV39U-115-0043	2 x 115	43		
14.0VA	2X115	PV39E-005-1400	PV39U-005-1400	2 x 5	1400	40	UL C-UL TUV CE
		PV39E-006-1167	PV39U-006-1167	2 x 6	1167		
		PV39E-008-0875	PV39U-008-0875	2 x 8	875		
		PV39E-009-0777	PV39U-009-0777	2 x 9	777		
		PV39E-010-0700	PV39U-010-0700	2 x 10	700		
		PV39E-012-0583	PV39U-012-0583	2 x 12	583		
		PV39E-015-0466	PV39U-015-0466	2 x 15	466		
		PV39E-017-0412	PV39U-017-0412	2 x 17	412		
		PV39E-018-0388	PV39U-018-0388	2 x 18	388		
		PV39E-020-0350	PV39U-020-0350	2 x 20	350		
		PV39E-021-0333	PV39U-021-0333	2 x 21	333		
		PV39E-024-0291	PV39U-024-0291	2 x 24	291		
		PV39E-028-0250	PV39U-028-0250	2 x 28	250		
		PV39E-115-0060	PV39U-115-0060	2 x 115	60		
18.0VA	2X115	PV39E-005-1800	PV39U-005-1800	2 x 5	1800	40	UL C-UL TUV CE
		PV39E-006-1500	PV39U-006-1500	2 x 6	1500		
		PV39E-008-1125	PV39U-008-1125	2 x 8	1125		
		PV39E-009-1000	PV39U-009-1000	2 x 9	1000		
		PV39E-010-0900	PV39U-010-0900	2 x 10	900		
		PV39E-012-0750	PV39U-012-0750	2 x 12	750		
		PV39E-015-0600	PV39U-015-0600	2 x 15	600		
		PV39E-017-0529	PV39U-017-0529	2 x 17	529		
		PV39E-018-0500	PV39U-018-0500	2 x 18	500		
		PV39E-020-0450	PV39U-020-0450	2 x 20	450		
		PV39E-021-0428	PV39U-021-0428	2 x 21	428		
		PV39E-024-0375	PV39U-024-0375	2 x 24	375		
		PV39E-028-0321	PV39U-028-0321	2 x 28	321		
		PV39E-115-0078	PV39U-115-0078	2 x 115	78		

Continued...

Encapsulated Power Transformer
10.0VA - 30.0VA

Series: UI39 - Low Profile

(Continued)

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
24.0VA	2X115	PV39E-005-2400	PV39U-005-2400	2 x 5	2400	40	UL C-UL TUV CE
		PV39E-006-2000	PV39U-006-2000	2 x 6	2000		
		PV39E-008-1500	PV39U-008-1500	2 x 8	1500		
		PV39E-009-1333	PV39U-009-1333	2 x 9	1333		
		PV39E-010-1200	PV39U-010-1200	2 x 10	1200		
		PV39E-012-1000	PV39U-012-1000	2 x 12	1000		
		PV39E-015-0800	PV39U-015-0800	2 x 15	800		
		PV39E-017-0706	PV39U-017-0706	2 x 17	706		
		PV39E-018-0666	PV39U-018-0666	2 x 18	666		
		PV39E-020-0600	PV39U-020-0600	2 x 20	600		
		PV39E-021-0571	PV39U-021-0571	2 x 21	571		
		PV39E-024-0500	PV39U-024-0500	2 x 24	500		
		PV39E-028-0429	PV39U-028-0429	2 x 28	429		
		PV39E-115-0104	PV39U-115-0104	2 x 115	104		
30.0VA	2X115	PV39E-005-3000	PV39U-005-3000	2 x 5	3000	40	UL C-UL TUV CE
		PV39E-006-2500	PV39U-006-2500	2 x 6	2500		
		PV39E-008-1875	PV39U-008-1875	2 x 8	1875		
		PV39E-009-1666	PV39U-009-1666	2 x 9	1666		
		PV39E-010-1500	PV39U-010-1500	2 x 10	1500		
		PV39E-012-1250	PV39U-012-1250	2 x 12	1250		
		PV39E-015-1000	PV39U-015-1000	2 x 15	1000		
		PV39E-017-0882	PV39U-017-0882	2 x 17	882		
		PV39E-018-0833	PV39U-018-0833	2 x 18	833		
		PV39E-020-0750	PV39U-020-0750	2 x 20	750		
		PV39E-021-0714	PV39U-021-0714	2 x 21	714		
		PV39E-024-0625	PV39U-024-0625	2 x 24	625		
		PV39E-028-0550	PV39U-028-0550	2 x 28	550		
		PV39E-115-0130	PV39U-115-0130	2 x 115	130		

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DC POWER SUPPLIES

REGULATED AND UNREGULATED

Stepping Motor Power Supplies
Series STP:

- Ideal for use with various stepper motor drives
- Integral motor and logic (5Vdc ± 5%) power
- Dual 120/240V switch-selectable input voltage
- UL, CSA, CE Marked

Series STP



Linear Regulated Power Supplies
Series BVA:

- Field selectable Input - 100/117/220/230-240/480 VAC
- Single, dual, triple output
- Overload and short circuit protection
- 2 year warranty
- UL, CSA, CE Marked

Series BVA



Linear Unregulated Power Supplies
Series BVU:

- Field selectable Input - 103/115/126/207/230/253VAC
- Fuse protected output
- Improved Ripple - 3% maximum
- 2 year warranty
- UL, CSA, CE Marked

Series BVU

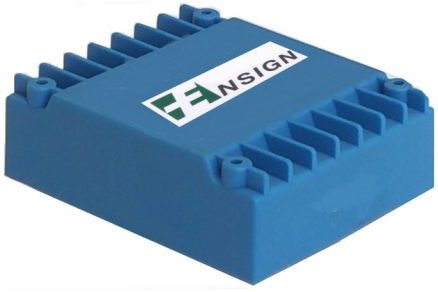


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Encapsulated Power Transformer
35.0VA - 70.0VA

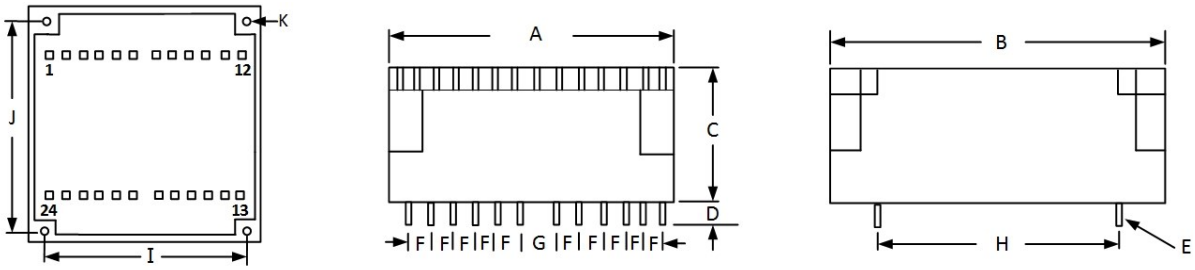
Series: UI48 - Low Profile



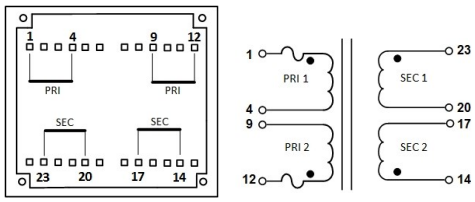
- **Power Rating 35.0VA to 70.0VA**
- **Insulation Class B (130°C)**
- **Ambient Temperature (ta) – 40°C**
- **Dielectric Strength – 3750 Vrms**
- **Potted under vacuum**
- **35VA, 40VA, 42VA & 48VA series are fail-safe transformers**
- **52VA, 56VA & 60VA series are non-short-circuit proof transformers**

Agency Approvals:

- **C-UL: CSA C22.2 #66**
- **UL: UL5085-2**
- **TUV: EN61558**



PV48E Series

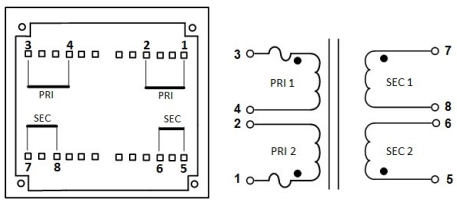


Bottom View

Input: 115V 60Hz Pin 1 & Pin 9 and Jumper Pins 1 & 12, 4 & 9
230V 50Hz Pin 1 & Pin 9 and Jumper Pins 4 & 12

Output: Series Pin 14 & Pin 20 and Jumper Pins 17 & 23; OR
Parallel Pin 14 & Pin 20 and Jumper Pins 14 & 23, 17 & 20

PV48U Series



Bottom View

Input: 115V 60Hz Pin 1 & Pin 4 and Jumper Pins 1 & 3, 2 & 4
230V 50Hz Pin 1 & Pin 4 and Jumper Pins 2 & 3

Output: Series Pin 5 & Pin 8 and Jumper Pins 6 & 7; OR
Parallel Pin 5 & Pin 8 and Jumper Pins 5 & 7, 6 & 8

** All Dimensions are in millimeters (mm)*

VA Rating	A (±1.0)	B (±1.0)	C (±1.0)	D (±1.0)	E (±0.1)	F (±0.2)	G (±0.2)	H (±0.5)	I (±0.5)	J (±0.5)	K (±0.2)	Wt. gm.
35.0 / 40.0 / 42.0 / 48.0	70.0	84.5	37.5	4.0	ϕ1.0	5.0	7.0	53.0	60.0	75.0	ϕ3.2	760
52.0 / 56.0 / 60.0 / 70.0	70.0	84.5	47.5	4.0	ϕ1.0	5.0	7.0	53.0	60.0	75.0	ϕ3.2	1000

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Encapsulated Power Transformer
35.0VA - 70.0VA

Series: UI48 - Low Profile

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
35.0VA	2X115	PV48E-005-3500	PV48U-005-3500	2 x 5	3500	40	UL C-UL TUV CE
		PV48E-006-2916	PV48U-006-2916	2 x 6	2916		
		PV48E-008-2187	PV48U-008-2187	2 x 8	2187		
		PV48E-009-1944	PV48U-009-1944	2 x 9	1944		
		PV48E-010-1750	PV48U-010-1750	2 x 10	1750		
		PV48E-012-1458	PV48U-012-1458	2 x 12	1458		
		PV48E-015-1166	PV48U-015-1166	2 x 15	1166		
		PV48E-017-1029	PV48U-017-1029	2 x 17	1029		
		PV48E-018-0972	PV48U-018-0972	2 x 18	972		
		PV48E-020-0875	PV48U-020-0875	2 x 20	875		
		PV48E-021-0833	PV48U-021-0833	2 x 21	833		
		PV48E-024-0729	PV48U-024-0729	2 x 24	729		
		PV48E-028-0625	PV48U-028-0625	2 x 28	625		
40.0VA	2X115	PV48E-005-4000	PV48U-005-4000	2 x 5	4000	40	UL C-UL TUV CE
		PV48E-006-3333	PV48U-006-3333	2 x 6	3333		
		PV48E-008-2500	PV48U-008-2500	2 x 8	2500		
		PV48E-009-2222	PV48U-009-2222	2 x 9	2222		
		PV48E-010-2000	PV48U-010-2000	2 x 10	2000		
		PV48E-012-1666	PV48U-012-1666	2 x 12	1666		
		PV48E-015-1333	PV48U-015-1333	2 x 15	1333		
		PV48E-017-1176	PV48U-017-1176	2 x 17	1176		
		PV48E-018-1111	PV48U-018-1111	2 x 18	1111		
		PV48E-020-1000	PV48U-020-1000	2 x 20	1000		
		PV48E-021-0952	PV48U-021-0952	2 x 21	952		
		PV48E-024-0833	PV48U-024-0833	2 x 24	833		
		PV48E-028-0714	PV48U-028-0714	2 x 28	714		
42.0VA	2X115	PV48E-005-4200	PV48U-005-4200	2 x 5	4200	40	UL C-UL TUV CE
		PV48E-006-3500	PV48U-006-3500	2 x 6	3500		
		PV48E-008-2625	PV48U-008-2625	2 x 8	2625		
		PV48E-009-2333	PV48U-009-2333	2 x 9	2333		
		PV48E-010-2100	PV48U-010-2100	2 x 10	2100		
		PV48E-012-1750	PV48U-012-1750	2 x 12	1750		
		PV48E-015-1400	PV48U-015-1400	2 x 15	1400		
		PV48E-017-1235	PV48U-017-1235	2 x 17	1235		
		PV48E-018-1166	PV48U-018-1166	2 x 18	1166		
		PV48E-020-1050	PV48U-020-1050	2 x 20	1050		
		PV48E-021-1000	PV48U-021-1000	2 x 21	1000		
		PV48E-024-0875	PV48U-024-0875	2 x 24	875		
		PV48E-028-0750	PV48U-028-0750	2 x 28	750		

Continued...

Encapsulated Power Transformer
35.0VA - 70.0VA

Series: UI48 - Low Profile

(Continued)

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
48.0VA	2X115	PV48E-005-4800	PV48U-005-4800	2 x 5	4800	40	UL C-UL TUV CE
		PV48E-006-4000	PV48U-006-4000	2 x 6	4000		
		PV48E-008-3000	PV48U-008-3000	2 x 8	3000		
		PV48E-009-2666	PV48U-009-2666	2 x 9	2666		
		PV48E-010-2400	PV48U-010-2400	2 x 10	2400		
		PV48E-012-2000	PV48U-012-2000	2 x 12	2000		
		PV48E-015-1600	PV48U-015-1600	2 x 15	1600		
		PV48E-017-1412	PV48U-017-1412	2 x 17	1412		
		PV48E-018-1333	PV48U-018-1333	2 x 18	1333		
		PV48E-020-1200	PV48U-020-1200	2 x 20	1200		
		PV48E-021-1143	PV48U-021-1143	2 x 21	1143		
		PV48E-024-1000	PV48U-024-1000	2 x 24	1000		
		PV48E-028-0857	PV48U-028-0857	2 x 28	857		
52.0VA	2X115	PV48E-005-5200	PV48U-005-5200	2 x 5	5200	40	UL C-UL TUV CE
		PV48E-006-4333	PV48U-006-4333	2 x 6	4333		
		PV48E-008-3250	PV48U-008-3250	2 x 8	3250		
		PV48E-009-2888	PV48U-009-2888	2 x 9	2888		
		PV48E-010-2600	PV48U-010-2600	2 x 10	2600		
		PV48E-012-2166	PV48U-012-2166	2 x 12	2166		
		PV48E-015-1733	PV48U-015-1733	2 x 15	1733		
		PV48E-017-1529	PV48U-017-1529	2 x 17	1529		
		PV48E-018-1444	PV48U-018-1444	2 x 18	1444		
		PV48E-020-1300	PV48U-020-1300	2 x 20	1300		
		PV48E-021-1238	PV48U-021-1238	2 x 21	1238		
		PV48E-024-1083	PV48U-024-1083	2 x 24	1083		
		PV48E-028-0928	PV48U-028-0928	2 x 28	928		
56.0VA	2X115	PV48E-005-5600	PV48U-005-5600	2 x 5	5600	40	UL C-UL TUV CE
		PV48E-006-4666	PV48U-006-4666	2 x 6	4666		
		PV48E-008-3500	PV48U-008-3500	2 x 8	3500		
		PV48E-009-3111	PV48U-009-3111	2 x 9	3111		
		PV48E-010-2800	PV48U-010-2800	2 x 10	2800		
		PV48E-012-2333	PV48U-012-2333	2 x 12	2333		
		PV48E-015-1866	PV48U-015-1866	2 x 15	1866		
		PV48E-017-1647	PV48U-017-1647	2 x 17	1647		
		PV48E-018-1555	PV48U-018-1555	2 x 18	1555		
		PV48E-020-1400	PV48U-020-1400	2 x 20	1400		
		PV48E-021-1333	PV48U-021-1333	2 x 21	1333		
		PV48E-024-1166	PV48U-024-1166	2 x 24	1166		
		PV48E-028-1000	PV48U-028-1000	2 x 28	1000		

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Encapsulated Power Transformer
35.0VA - 70.0VA

Series: UI48 - Low Profile

(Continued)

VA Rating	Primary (V)	Part Number		Secondary Rating		ta (°C)	Agency Approval
		TYPE I	TYPE II	(V)	(mA)		
60.0VA	2X115	PV48E-005-6000	PV48U-005-6000	2 x 5	6000	40	UL C-UL TUV CE
		PV48E-006-5000	PV48U-006-5000	2 x 6	5000		
		PV48E-008-3750	PV48U-008-3750	2 x 8	3750		
		PV48E-009-3333	PV48U-009-3333	2 x 9	3333		
		PV48E-010-3000	PV48U-010-3000	2 x 10	3000		
		PV48E-012-2500	PV48U-012-2500	2 x 12	2500		
		PV48E-015-2000	PV48U-015-2000	2 x 15	2000		
		PV48E-017-1764	PV48U-017-1764	2 x 17	1764		
		PV48E-018-1666	PV48U-018-1666	2 x 18	1666		
		PV48E-020-1500	PV48U-020-1500	2 x 20	1500		
		PV48E-021-1428	PV48U-021-1428	2 x 21	1428		
		PV48E-024-1250	PV48U-024-1250	2 x 24	1250		
		PV48E-028-1071	PV48U-028-1071	2 x 28	1071		
70.0VA	2X115	PV48E-005-7000	PV48U-005-7000	2 x 5	7000	40	UL C-UL
		PV48E-006-5833	PV48U-006-5833	2 x 6	5833		
		PV48E-008-4375	PV48U-008-4375	2 x 8	4375		
		PV48E-009-3888	PV48U-009-3888	2 x 9	3888		
		PV48E-010-3500	PV48U-010-3500	2 x 10	3500		
		PV48E-012-2916	PV48U-012-2916	2 x 12	2916		
		PV48E-015-2333	PV48U-015-2333	2 x 15	2333		
		PV48E-017-2058	PV48U-017-2058	2 x 17	2058		
		PV48E-018-1944	PV48U-018-1944	2 x 18	1944		
		PV48E-020-1750	PV48U-020-1750	2 x 20	1750		
		PV48E-021-1666	PV48U-021-1666	2 x 21	1666		
		PV48E-024-1458	PV48U-024-1458	2 x 24	1458		
		PV48E-028-1250	PV48U-028-1250	2 x 28	1250		

Any application, Any requirement, Contact us for our Custom Designs

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CONFIGURABLE CONTROL TRANSFORMER

NEW

Wabash Transformer
A PowerVolt Company



Create Your Own:

- **Select desired input.**
- **Select desired output.**
- **Select desired VA (Watts).**

Agency Approvals:

- **UL/cUL; CE mark upon request.**
- **Meets or Exceeds NEMA, ANSI, NMBTA and JIC.**

Features:

- Input Voltages Available: 110/120/208/220/230/240/277/347/380/400/415/440/460/480/550/575/600
- Output Voltages Available: 12, 23, 24, 25, 28, 95, 115, 120, 230, 240, 277
- Frequency 50/60 Hz
- Single or multiple primaries/secondaries
- Class B Insulation (130°C)
- Finger safe terminal blocks (configurable to accommodate various wire gauges)
- 10 year warranty

Benefits:

- Reduce SKU count by consolidating multiple configurations
- Finger safe terminals
- Competitive prices for OEM customers
- Stocking and supply chain programs available upon request

Options:

- Fuse blocks (slo-blo or CC style)
- CC fuse block cover (with and without indicators)
- Lead Wires instead of terminal blocks

CONTACT FACTORY FOR MORE INFORMATION

Industrial Control Transformer

Series: CT, 25VA - 1500VA



- **Power Rating 25VA to 1500VA**
- **Frequency 50/60Hz**
- **High inrush current capability**
- **Voltage regulation exceeds NEMA standards**
- **IEC Touch proof terminals**
- **International input/output voltages**
- **Copper coils for excellent thermal characteristics**
- **Insulation Class B (130°C)**
- **Optional input/output fuse**
- **10 year warranty**

Agency Approvals:

- **UL/cUL recognized, CE marked, UL File E248236**
- **Meets or Exceeds NEMA, ANSI, NMBTA and JIC**

APPLICATIONS:

The international series CT transformers are especially suited for requiring high inrush current and output voltage stability. This is typically the case when electromagnetic devices such a relays, solenoids, contactors, bells, signals and alarm systems are initially energized.

SELECTING THE RIGHT TRANSFORMER:

To correctly size a control transformer best suited for an application, In addition to the minimum voltage required to operate the circuit, three characteristics of the load circuit must be determined. These are total steady state (sealed) VA, total inrush VA and inrush load power factor. (The operating VA data for the devices should be available from the manufactures)

A. Total steady state (sealed) VA is the volt-amperes that the transformer continuous operation over extended period of time.

B. Total inrush VA in the volt-amperes that the control transformer must deliver upon initial energization of the load circuit. Typically energizations of electromagnetic Devices take 30-50milliseconds and can draw any where from 3 to 10 times the nominal operating current. (Inrush VA data should be available from the device manufacturer)

C. Inrush load power factor is different to determine without complex vector analysis of all the load components. Generally such an analysis is not feasible. Therefore a safe assumption is 40% load power factor.

SIX EASY STEPS:

Once the three variables are determined, follow these steps to select the proper transformer.

1. Determine the primary (input line) and secondary (output) Voltage required along with supply frequency. (i.e. 50 or 60 Hz)
2. Calculate total sealed VA of the load circuit by adding the sealed steady-state VA of all devices that will be energized simultaneously.
3. Calculate the arithmetic sum of the inrush VA of all components that will be energized at the same time. Make sure to add the VA load of non-inductive devices that do not have inrush VA (such as times, lamps etc.)

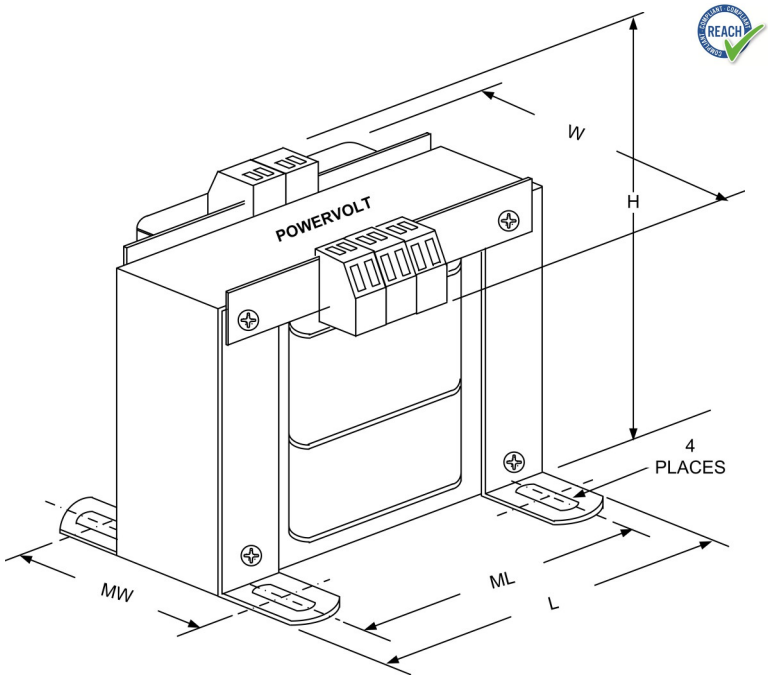
Take into consideration start-up sequence to determine the maximum point of inrush of the load circuit. If the inrush current for the devices is unknown, then it is recommended to use 40% inrush power factor.

4. Calculate the total inrush VA using one of the two methods:
   A. Total inrush VA = $\sqrt{(\text{VA sealed})^2 + (\text{VA inrush})^2}$ or
   B. Total inrush VA = VA sealed + VA inrush
5. Adjust for voltage regulation by referring to this transformer regulation data table below. If the nominal supply voltage does not fluctuate more than 5%, then refer to the 90% secondary voltage column for correct rating. If the nominal supply voltage varies up to 10%, then the 95% secondary voltage column should be used to property site the transformer. Current standards require be electromagnetic devices to operate reliably at 85% of their rated nameplate voltage. In this case the 85% secondary voltage column should be referenced to correctly size the transformer.
6. Select the VA rating that appropriate secondary voltage column, locate the VA rating that is closest to, but not less than ,
   A. The total sealed VA calculated in step 2
   B. The total inrush VA calculated in step 4

REGULATION DATA TABLE

VA Rating	INRUSH VA @ 40% PF		
	85% Secondary Voltage	90% Secondary Voltage	95% Secondary Voltage
25	160	130	95
50	270	210	160
75	435	365	255
100	655	520	370
150	1300	1010	700
200	1975	1500	1020
250	2680	2030	1340
300	3180	2430	1610
350	3665	2820	1895
500	6300	5035	3305
750	10555	7920	5050
1000	15225	11160	6000
1500			

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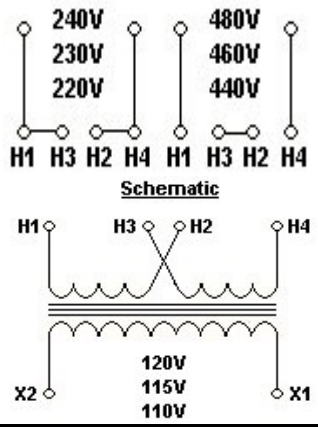


GROUP: A

Primary Voltage : 240/480 , 230/460 , 220/440 VAC @ 50/60Hz ; Secondary Voltage : 120 , 115 , 110 VAC

Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-A00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-A00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-A00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-A00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-A00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-A00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-A00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-A00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-A00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-A00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-A00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-A00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-A00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75

Connection Diagram

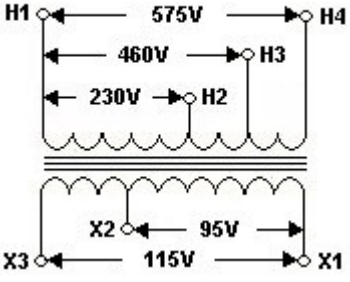


GROUP: B

Primary Voltage : 230 , 460 , 575 VAC @ 50/60Hz ; Secondary Voltage :95/115VAC

Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-B00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-B00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-B00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-B00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-B00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-B00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-B00	250	4.125	4.313	3. 500	3.438	3.000	3/8 x 13/64	9.34
CT0300-B00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-B00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-B00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-B00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-B00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-B00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75

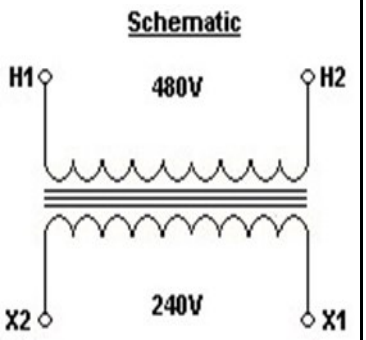
Schematic



GROUP: C

Primary Voltage : 480 VAC @ 50/60Hz ; Secondary Voltage : 240 VAC

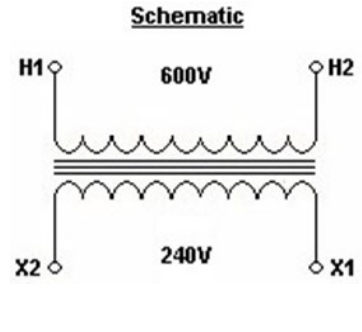
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-C00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-C00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-C00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-C00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-C00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-C00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-C00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-C00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-C00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-C00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-C00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-C00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-C00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: D

Primary Voltage : 600 VAC @ 50/60Hz ; Secondary Voltage : 240 VAC

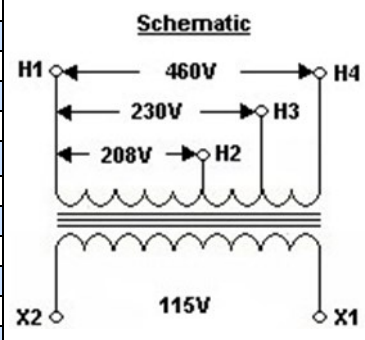
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-D00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-D00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-D00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-D00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-D00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-D00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-D00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-D00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-D00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-D00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-D00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-D00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-D00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: E

Primary Voltage : 208 , 230, 460 VAC @ 50/60Hz ; Secondary Voltage : 115 VAC

Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-E00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-E00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-E00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-E00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-E00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-E00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-E00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-E00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-E00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-E00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-E00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-E00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-E00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75

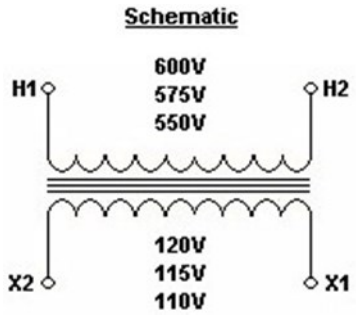


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GROUP: F

Primary Voltage : 600 , 575 , 550 VAC @ 50/60Hz ; Secondary Voltage : 120 , 115 , 110 VAC

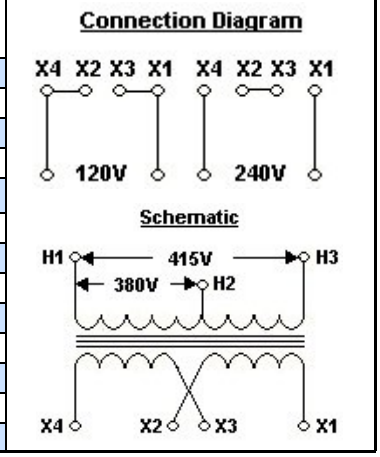
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-F00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-F00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-F00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-F00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-F00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-F00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-F00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-F00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-F00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-F00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-F00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-F00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-F00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: G

Primary Voltage : 380 , 415 VAC @ 50/60Hz ; Secondary Voltage : 110/220 , 110/220 VAC

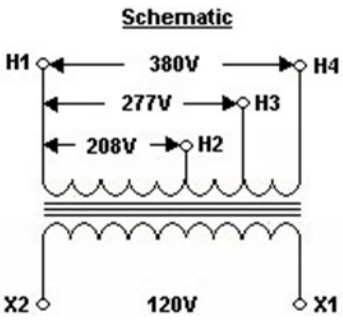
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-G00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-G00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-G00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-G00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-G00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-G00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-G00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-G00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-G00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-G00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-G00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-G00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-G00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: H

Primary Voltage : 208 , 277 , 380 VAC @ 50/60Hz ; Secondary Voltage : 120 VAC

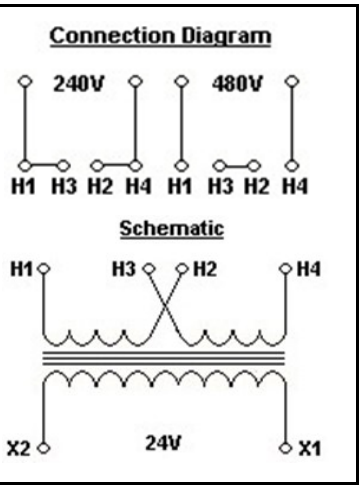
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-H00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-H00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-H00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-H00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-H00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-H00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-H00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-H00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-H00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-H00	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-H00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-H00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-H00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: J

Primary Voltage : 240/480 VAC @ 50/60Hz ; Secondary Voltage : 24 VAC

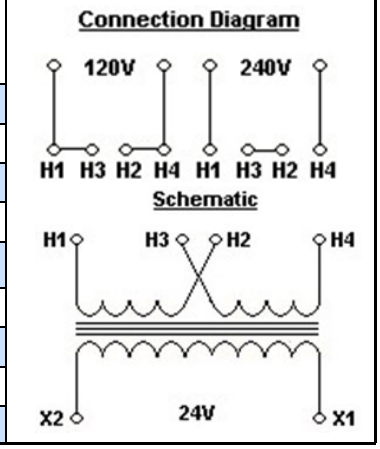
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-J00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-J00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-J00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-J00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-J00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-J00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-J00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-J00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-J00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50



GROUP: K

Primary Voltage : 120/240 VAC @ 50/60Hz ; Secondary Voltage : 24 VAC

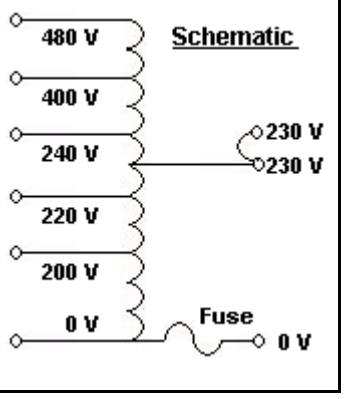
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-K00	25	3.000	3.750	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-K00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-K00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-K00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-K00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-K00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-K00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-K00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-K00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50



GROUP: L : Auto-Transformer

Primary Voltage : 200/220/240/400/480 VAC @ 50/60Hz ; Secondary Voltage : 230 VAC With Fuse

Part Number	VA	SEC. Fuse	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
			L	W	H	ML	MW		
CTA100-L01	100	1A	3.000	3.313	3.250	2.500	2/125	3/8 x 13/64	2.50
CTA200-L01	200	To Be Added							
CTA300-L01	300								
CTA400-L01	400								
CTA500-L01	500								
CTA600-L01	600								
CTA700-L01	700	5A	4.500	4.813	4.500	3.750	3.500	3/8 x 13/64	11.36
CTA800-L01	800	To Be Added							
CTA900-L01	900								

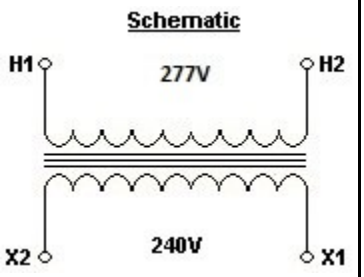


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GROUP: P

Primary Voltage : 277 VAC @ 50/60Hz ; Secondary Voltage : 240 VAC

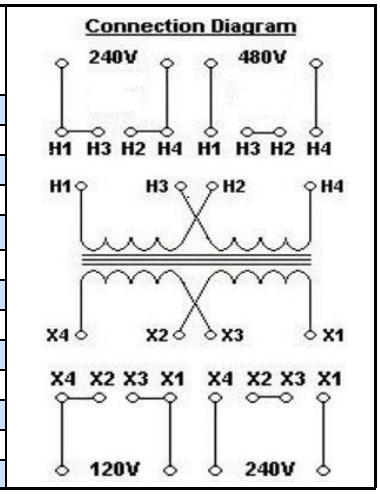
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-P00	25	3.000	3.125	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-P00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-P00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-P00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-P00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-P00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-P00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-P00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-P00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-P00	500	5.250	5.313	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-P00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-P00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-P00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: AG

Primary Voltage : 240/480 VAC @ 50/60Hz ; Secondary Voltage : 120/240 VAC

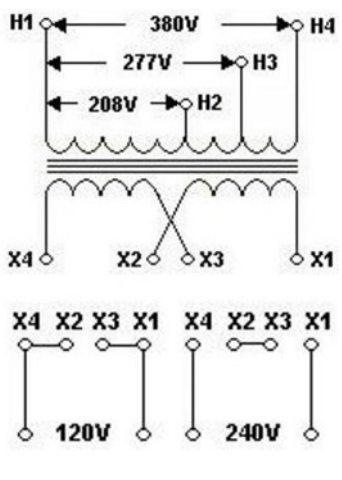
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-AG00	25	3.000	3.125	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-AG00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-AG00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-AG00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-AG00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-AG00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-AG00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-AG00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-AG00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-AG00	500	5.250	5.313	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-AG00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-AG00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-AG00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: HG

Primary Voltage : 208/277/380 VAC @ 50/60Hz ; Secondary Voltage : 120/240 VAC

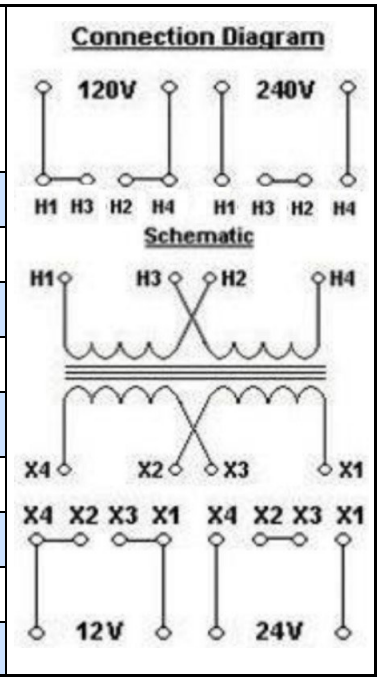
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-HG00	25	3.000	3.125	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-HG00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-HG00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-HG00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-HG00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-HG00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-HG00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-HG00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-HG00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-HG00	500	5.250	5.313	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-HG00	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-HG00	1000	6.375	5.125	6.125	5.313	3.750	9/16 x 9/32	25.74
CT1500-HG00	1500	6.375	6.625	6.625	5.313	5.125	9/16 x 9/32	36.75



GROUP: KA

Primary Voltage : 120/240 VAC @ 50/60Hz ; Secondary Voltage : 12/24 VAC

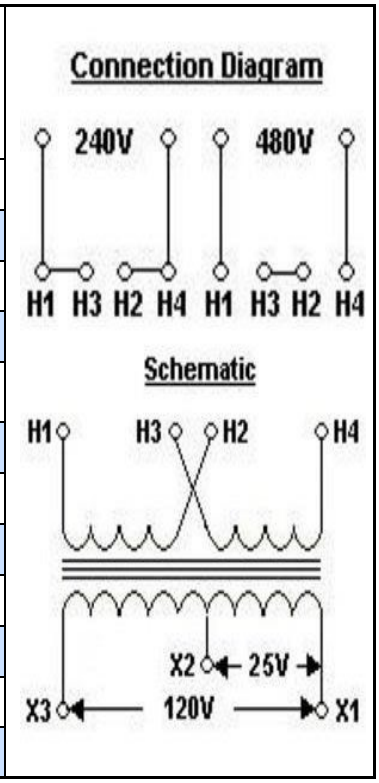
Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-KA00	25	3.000	3.125	2.750	2.500	1.750	3/8 x 13/64	1.94
CT0050-KA00	50	3.000	3.563	2.750	2.500	2.250	3/8 x 13/64	2.72
CT0075-KA00	75	3.000	3.750	2.750	2.500	2.438	3/8 x 13/64	3.10
CT0100-KA00	100	3.000	3.750	2.750	2.500	2.625	3/8 x 13/64	3.26
CT0150-KA00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-KA00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-KA00	250	4.125	4.313	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-KA00	300	4.500	4.313	3.875	3.750	3.000	3/8 x 13/64	9.64
CT0350-KA00	350	4.500	4.813	3.875	3.750	3.500	3/8 x 13/64	11.50



GROUP: JE

Primary Voltage : 240/480 VAC @ 50/60Hz ; Secondary Voltage : 25/120 VAC

Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0025-JE00	25	3.000	3.313	3.000	2.500	2.000	3/8 x 13/64	2.20
CT0050-JE00	50	3.375	3.375	3.000	2.812	2.125	3/8 x 13/64	3.17
CT0075-JE00	75	3.375	3.750	3.000	2.812	2.500	3/8 x 13/64	4.15
CT0100-JE00	100	3.375	3.750	3.000	2.812	2.500	3/8 x 13/64	4.37
CT0150-JE00	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	6.00
CT0200-JE00	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	6.20
CT0250-JE00	250	4.500	4.312	4.000	3.750	3.000	3/8 x 13/64	9.00
CT0300-JE00	300	4.500	4.812	4.000	3.750	3.500	3/8 x 13/64	10.65
CT0350-JE00	350	4.500	4.812	4.000	3.750	3.500	3/8 x 13/64	12.00
CT0500-JE00	500	5.250	5.750	5.500	4.375	4.125	9/16 x 9/32	18.50
CT0750-JE00	750	5.250	6.750	5.500	4.375	5.125	9/16 x 9/32	26.72
CT1000-JE00	1000	6.375	5.125	6.125	5.313	5.125	9/16 x 9/32	28.45



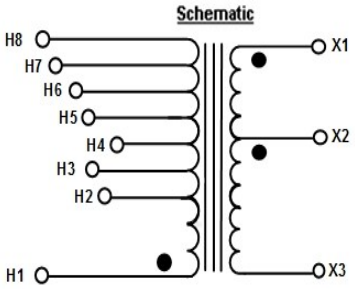
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GROUP: EJ

Primary Voltage : 208/220-240/277/347/380-415/440-480/550-600 VAC [Select desired input(s)] @ 50/60Hz; Secondary Voltage: 24/115

Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0150-EJ00-xxxx	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0250-EJ00-xxxx	250	4.125	4.312	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0350-EJ00-xxxx	350	4.500	4.812	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-EJ00-xxxx	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-EJ00-xxxx	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-EJ00-xxxx	1000	6.375	5.125	6.125	5.312	3.75	9/16 x 9/32	25.74

Schematic



Only needed input taps are provided.

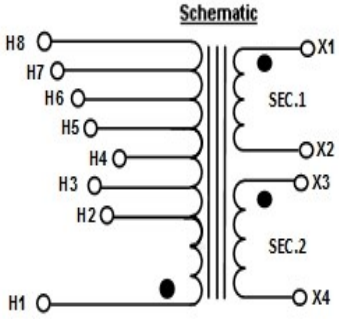
xxxx - Replaced by 4-digit code representing input(s) and output(s) selected.

GROUP: EG

Primary Voltage : 208/220-240/277/347/380-415/440-480/550-600 VAC [Select desired input(s)] @ 50/60Hz; Secondary Voltage : 115/230

Part Number	VA	Overall Dimensions			Mounting Centers		Mtg. Slot (4 PLCS)	Wt. Lbs
		L	W	H	ML	MW		
CT0150-EG00-xxxx	150	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.82
CT0200-EG00-xxxx	200	3.750	4.125	3.375	3.125	2.750	3/8 x 13/64	5.92
CT0250-EG00-xxxx	250	4.125	4.312	3.500	3.438	3.000	3/8 x 13/64	9.34
CT0300-EG00-xxxx	300	4.500	4.312	3.875	3.750	3.00	3/8 x 13/64	9.64
CT0350-EG00-xxxx	350	4.500	4.812	3.875	3.750	3.500	3/8 x 13/64	11.50
CT0500-EG00-xxxx	500	5.250	4.750	5.250	4.375	3.625	9/16 x 9/32	18.00
CT0750-EG00-xxxx	750	5.250	5.250	5.250	4.375	4.125	9/16 x 9/32	24.72
CT1000-EG00-xxxx	1000	6.375	5.125	6.125	5.312	3.750	9/16 x 9/32	25.74
CT1500-EG00-xxxx	1500	6.375	6.625	6.625	5.312	5.125	9/16 x 9/32	36.75

Schematic



Only needed input taps are provided.

xxxx - Replaced by 4-digit code representing input(s)))) and output(s) selected.

Fuse Rating Chart
CT Series

Secondary Voltage	VA RATING												
	25	50	75	100	150	200	250	300	350	500	750	1000	1500
12	3-2/10	6-1/4	10	12	15	20	25	30	-	-	-	-	-
23	1-8/10	3-1/2	5	7	10	12	15	17-1/2	20	30	-	-	-
24	1-6/10	3-2/10	5	6-1/4	10	12	15	17-1/2	20	30	-	-	-
25	1-6/10	3-2/10	5	6-1/4	10	12	15	15	17-1/2	25	-	-	-
90	4/10	8/10	1-1/4	1-8/10	2-1/2	3-1/2	4-1/2	5	6-1/4	9	12	15	20
95	4/10	8/10	1-1/4	1-6/10	2-1/2	3-1/2	4	5	6	8	12	15	17-1/2
100	4/10	8/10	1-1/4	1-6/10	2-1/2	3-2/10	4	5	5-6/10	8	12	15	17-1/2
110	3/10	3/4	1-1/8	1-1/2	2-1/4	3	3-1/2	4-1/2	5	7-1/2	10	12	17-1/2
115	3/10	6/10	1	1-4/10	2	2-8/10	3-1/2	4	5	7	10	12	17-1/2
120	3/10	6/10	1	1-1/4	2	2-1/2	3-2/10	4	4-1/2	6-1/4	10	12	17-1/2
220	3/16	3/10	1/2	3/4	1-1/8	1-1/2	1-8/10	2-1/4	2-1/2	3-1/2	5-6/10	7-1/2	10
230	15/100	3/10	1/2	6/10	1	1-4/10	1-8/10	2	2-1/2	3-1/2	5	7	10
240	15/100	3/10	1/2	6/10	1	1-4/10	1-6/10	2	2-1/4	3-2/10	5	6-1/4	10

Primary Voltage	VA RATING												
	25	50	75	100	150	200	250	300	350	500	750	1000	1500
115	1/2	1	1-6/10	2	3-2/10	4	5	6-1/4	7-1/2	10	15	20	30
120	1/2	1	1-1/2	2	3	4	5	6-1/4	7	10	15	20	30
200	3/10	6/10	8/10	1-1/4	1-8/10	2-1/2	3	3-1/2	4	6-1/4	9	12	17-1/2
208	3/10	6/10	8/10	1-1/8	1-8/10	2-1/4	3	3-1/2	4	6	9	12	17-1/2
220	1/4	1/2	8/10	1-1/8	1-6/10	2-1/4	2-8/10	3-2/10	3-1/2	5-6/10	8	10	15
230	1/4	1/2	8/10	1	1-6/10	2	2-1/2	3-2/10	3-1/2	5	8	10	15
240	1/4	1/2	3/4	1	1-1/2	2	2-1/2	3	3-1/2	5	7-1/2	10	15
277	2/10	4/10	6/10	8/10	1-1/4	1-8/10	2-1/4	2-1/2	3	4-1/2	6-1/4	9	12
380	15/100	3/10	4/10	6/10	8/10	1-1/4	1-6/10	1-8/10	2-1/4	3-2/10	4-1/2	6-1/4	9
400	15/100	3/10	4/10	6/10	8/10	1-1/4	1-1/2	1-8/10	2	3	4-1/2	6-1/4	9
415	15/100	3/10	4/10	6/10	8/10	1-1/8	1-1/2	1-8/10	2	3	4-1/2	6	9
440	1/8	1/4	4/10	1/2	8/10	1-1/8	1-4/10	1-6/10	1-8/10	2-8/10	4	5-6/10	8
460	1/8	1/4	4/10	1/2	8/10	1	1-1/4	1-6/10	1-8/10	2-1/2	4	5	8
480	1/8	1/4	3/10	1/2	3/4	1	1-1/4	1-1/2	1-8/10	2-1/2	3-1/2	5	7-1/2
550	1/10	2/10	3/10	4/10	6/10	8/10	1-1/8	1-1/4	1-1/2	2-1/4	3-2/10	4-1/2	6-1/4
575	1/10	2/10	3/10	4/10	6/10	8/10	1	1-1/4	1-1/2	2	3-2/10	4	6-1/4
600	1/10	2/10	3/10	4/10	6/10	8/10	1	1-1/4	1-4/10	2	3	4	6-1/4

Note:

- If the rated secondary current is under 9 amps, the secondary rating of overcurrent protection is 167% limit of rated secondary current.
- If the rated secondary current is greater than or equal to 9 amps, the secondary rating of overcurrent protection is 125% limit of rated secondary current.
- When secondary is protected by overcurrent protection, the primary rating of overcurrent protection is 250% limit of rated primary current.
- No need of secondary overcurrent protection if transformer is equipped with Primary Overcurrent protection.

Reference: NEC 450.3 (B)

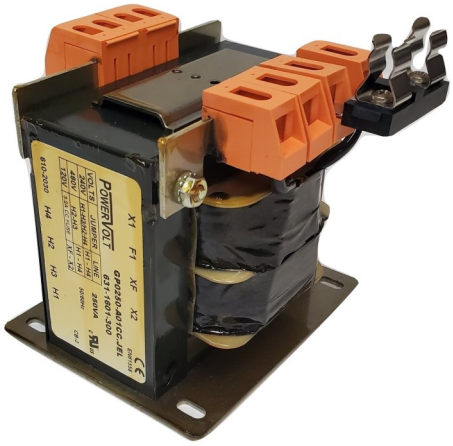
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CONFIGURABLE CONTROL TRANSFORMERS

NEW

Wabash Transformer
A PowerVolt Company



Create Your Own:

- **Select desired input.**
- **Select desired output.**
- **Select desired VA (Watts).**

Agency Approvals:

- **UL/cUL; CE mark upon request.**
- **Meets or Exceeds NEMA, ANSI, NMBTA and JIC.**

Features:

- Input Voltages Available: 110/120/208/220/230/240/277/347/380/400/415/440/460/480/550/575/600
- Output Voltages Available: 12, 23, 24, 25, 28, 95, 115, 120, 230, 240
- Frequency 50/60 Hz
- Single or multiple primaries/secondaries
- Finger safe terminal blocks (configurable to accommodate various wire gauges)
- 10 year warranty

Benefits:

- Reduce SKU count by consolidating multiple configurations
- Finger safe terminals
- Competitive prices for OEM customers
- Stocking and supply chain programs available upon request

Options:

- Fuse blocks (CC style)
- CC fuse block cover (with and without indicators)
- Lead Wires instead of terminal blocks

CONTACT FACTORY FOR MORE INFORMATION

General Purpose Transformers
Series: GP

Part Numbering Chart:

This chart illustrates our part numbering system

Example: GP0500-A21CC-P: UL Listed General Purpose Transformer, Primary 220/440, 230/460, 240/480 VAC @ 50/60Hz Secondary 110, 115, 120 VAC, 500VA, Two Primary Fuses & One Secondary Fuse, Fuse type Class CC, Standard Mounting

Note: Specifications and availability subject to change.

Part No.	XXXX	XX	XX	XX	X

1. Series: GP

2. VA Rating

0025	25 VA	0350	350 VA
0050	50 VA	0500	500 VA
0100	100 VA	0750	750 VA
0150	150 VA	1000	1000 VA
0200	200 VA	1500	1500 VA
0250	250 VA	2000	2000 VA
0300	300 VA		

3. Group (Voltage Configuration)

Group	Primary Voltage-50/60Hz	Secondary Voltage
A	220/440, 230/460, 240/480 VAC	110, 115, 120 VAC
B	230, 460, 575 VAC	95, 115 VAC
C	480 VAC	240 VAC
D	600 VAC	240 VAC
E	208, 230, 460 VAC	115 VAC
F	550, 575, 600 VAC	110, 115, 120 VAC
G	380, 415 VAC	110/220 VAC
H	208, 277, 380 VAC	120 VAC
J	240/480 VAC	24 VAC
K	120/240 VAC	24 VAC
M	240/480 VAC	120/240 VAC
N	208, 277, 380 VAC	120/240 VAC
T	120/240 VAC	12/24 VAC
Q	240/480 VAC	25, 120 VAC
R	208, 230, 480 VAC	24, 115 VAC

Group	Primary Voltage - 50/60Hz	Secondary Voltage
P	277 VAC	240 VAC
U	120/240 VAC	120/240 VAC
W	240, 347, 380 VAC	120/240 VAC
Y	550, 575, 600 VAC	12/24 VAC
Z	208/416 VAC	120/240 VAC
KH	240, 480, 600 VAC	100, 120 VAC
GM	347, 380 VAC	120/240 VAC
HK	347, 380 VAC	12/24 VAC
NJ	208/416 VAC	12/24 VAC
PH	277 VAC	120 VAC
EJ	120/208/220-240/277347/380-415/440-80/ 550-600 VAC	24, 115 VAC
EG	120/208/220-240/277/347/380-415/440-480/ 550-600 VAC	115/230 VAC
EB	120/208/220-240/277/347/380-415/440-480/ 550-600 VAC	85, 130 VAC

4. Fuses:

Z	Number of Primary Fuses
A	Number of Secondary Fuses
00	No Fuse

5. Fuse Type:

CC	Class CC Fuse
AB	3 AB Slow Blow Fuse
BLANK	No Fuse

6. Mounting:

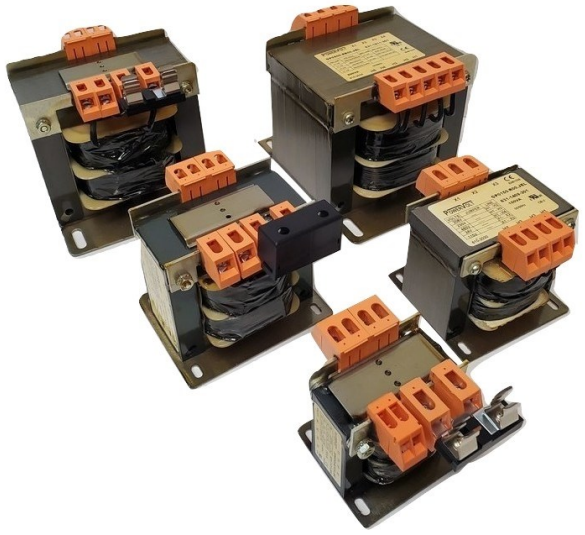
P	Standard
S	Siemens Mounting Compatible
M	Micron Mounting Compatible
H	Hammond Mounting Compatible

Any application, Any requirement, Contact us for our Custom Designs

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General Purpose Control Transformer

Series: GP, 25VA - 2000VA



- **Power Rating 25VA to 2000VA**
- **Frequency 60Hz & 50/60 Hz**
- **High inrush current capability**
- **Voltage regulation exceeds NEMA ST-1**
- **IEC Touch proof terminals**
- **International input/output voltages**
- **Copper coils for excellent thermal characteristics**
- **Insulation Class B (130°C), F(155°C), H(180°C), N(200°C)**
- **Optional input/output fuse**
- **Fuse block kits per request & easy installation**
- **Heavy gauge steel mounting plate to match various mounting dimensions**
- **10 year warranty**

Agency Approvals:

- **UL/cUL 5085-2 Listed, CE marked, UL File E47299**
- **Meets or Exceeds NEMA, ANSI, NMBTA, JIC & IEC standards**

APPLICATIONS:

The international series GP transformers are especially suited for requiring high inrush current and output voltage stability. This is typically the case when electromagnetic devices such a relays, solenoids, contactors, bells, signals and alarm systems are initially energized.

SELECTING THE RIGHT TRANSFORMER:

To correctly size a control transformer best suited for an application, In addition to the minimum voltage required to operate the circuit, three characteristics of the load circuit must be determined. These are total steady state (sealed) VA, total inrush VA and inrush load power factor. (The operating VA data for the devices should be available from the manufactures)

A. Total steady state (sealed) VA is the volt-amperes that the transformer continuous operation over extended period of time.

B. Total inrush VA in the volt-amperes that the control transformer must deliver upon initial energization of the load circuit. Typically energizations of electromagnetic Devices take 20-50milliseconds and can draw any where from 3 to 10 times the nominal operating current. (Inrush VA data should be available from the device manufacturer)

C. Inrush load power factor is different to determine without complex vector analysis of all the load components. Generally such an analysis is not feasible. Therefore a safe assumption is 40% load power factor.

SIX EASY STEPS:

Once the three variables are determined, follow these steps to select the proper transformer.

1. Determine the primary (input line) and secondary (output) Voltage required along with supply frequency. (i.e. 50 or 60 Hz)
2. Calculate total sealed VA of the load circuit by adding the sealed steady-state VA of all devices that will be energized simultaneously.
3. Calculate the arithmetic sum of the inrush VA of all components that will be energized at the same time. Make sure to add the VA load of non-inductive devices that do not have inrush VA (such as times, lamps etc.)

Take into consideration start-up sequence to determine the maximum point of inrush of the load circuit. If the inrush current for the devices is unknown, then it is recommended to use 40% inrush power factor.

4. Calculate the total inrush VA using one of the two methods:
   A. Total inrush VA = $\sqrt{(\text{VA sealed})^2 + (\text{VA inrush})^2}$ or
   B. Total inrush VA = VA sealed + VA inrush (method B will result in a slightly oversized transfer)
5. Adjust for voltage regulation by referring to this transformer regulation data table below. If the nominal supply voltage does not fluctuate more than 5%, then refer to the 90% secondary voltage column for correct rating. If the nominal supply voltage varies up to 10%, then the 95% secondary voltage column should be used to property site the transformer. Current standards require be electromagnetic devices to operate reliably at 85% of their rated nameplate voltage. In this case the 85% secondary voltage column should be referenced to correctly size the transformer.
6. Select the VA rating that appropriate secondary voltage column, locate the VA rating that is closest to, but not less than,
   A. The total sealed VA calculated in step 2
   B. The total inrush VA calculated in step 4

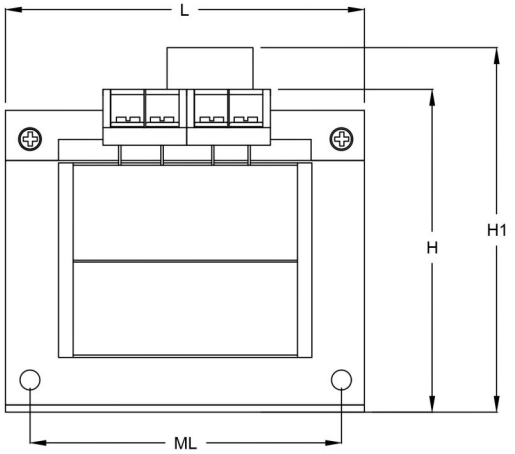
REGULATION DATA TABLE

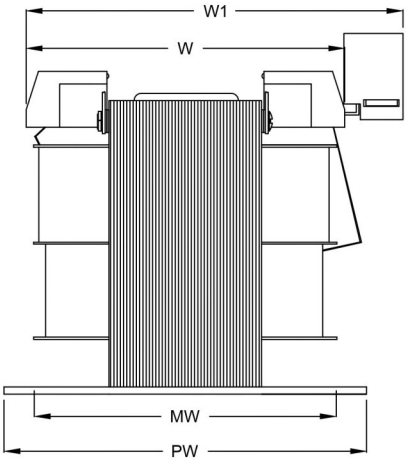
VA Rating	INRUSH VA @ 40% PF		
	85% Secondary Voltage	90% Secondary Voltage	95% Secondary Voltage
25	160	130	95
50	270	210	160
75	435	365	255
100	655	520	370
150	1300	1010	700
200	1975	1500	1020
250	2680	2030	1340
300	3180	2430	1610
350	3665	2820	1895
500	6300	5035	3305
750	10555	7920	5050
1000	15225	11160	6000
1500			
2000			

General Purpose Transformers

Series: GP

Mechanical Dimensions





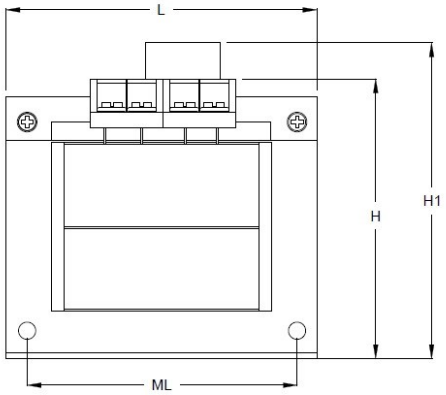
*** Secondary Fuse = Please add 0.60" to "W" to get "W1" and 1.1" to "H" to get "H1".**

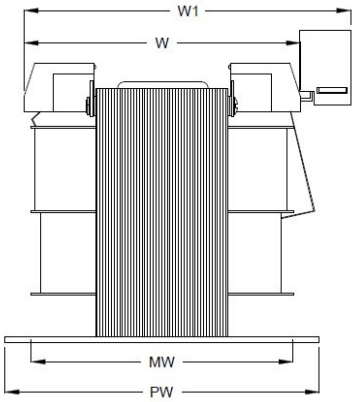
Group	VA	Overall Dimensions (in inches)			Mounting Dimensions (in inches)			Mtg. Slot (4 PLCS)
		L	W	H	ML	MW	PW	
A, C, D, F, G, J, K, M, T, P, U, Y, Z, GM, HK, NJ, PH	25	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203
	50	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203
	75	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203
	100	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203
	150	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203
	200	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203
	250	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203
	300	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203
	350	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203
	500	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312
	750	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312
	1000	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312
	1500	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312
	2000	7.06	5.75	7.20	5.81	5.25	6.62	1.000 x 0.312

Group	VA	Overall Dimensions (in inches)			Mounting Dimensions (in inches)			Mtg. Slot (4 PLCS)
		L	W	H	ML	MW	PW	
B, E, H, N, Q, R, W, KH	25	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203
	50	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203
	75	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203
	100	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203
	150	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203
	200	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203
	250	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203
	300	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203
	350	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203
	500	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312
	750	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312
	1000	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312
	1500	6.38	6.30	6.39	5.31	5.75	7.13	1.000 X 0.312
	2000	7.06	5.75	7.20	5.81	5.25	6.62	1.000 x 0.312

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General Purpose Transformers
Series: GP
Mechanical Dimensions





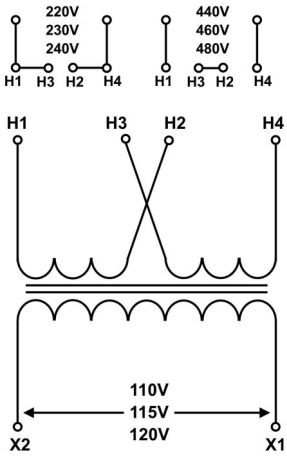
*** Secondary Fuse = Please add 0.60" to "W" to get "W1" and 1.1" to "H" to get "H1".**

Group	VA	Overall Dimensions (in inches)			Mounting Dimensions (in inches)			Mtg. Slot (4 PLCS)
		L	W	H	ML	MW	PW	
EB, EG, EJ	25	3.00	3.20	3.00	2.50	2.19	3.00	0.437 x 0.203
	50	3.00	4.20	3.00	2.50	3.19	4.00	0.437 x 0.203
	75	3.75	3.45	3.81	3.13	2.44	3.25	0.437 x 0.203
	100	3.75	3.70	3.81	3.13	2.69	3.50	0.437 x 0.203
	150	3.75	4.20	3.81	3.13	3.19	4.00	0.437 x 0.203
	200	4.50	4.20	4.44	3.75	3.19	4.00	0.437 x 0.203
	250	4.50	4.70	4.44	3.75	3.69	4.50	0.437 x 0.203
	300	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203
	350	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203
	500	5.25	6.20	5.10	4.38	5.75	7.13	1.000 x 0.312
	750	6.38	4.70	6.45	5.31	4.25	5.63	1.000 x 0.312
	1000	6.38	4.82	6.45	5.31	4.37	5.75	1.000 x 0.312
	1500	6.38	6.20	6.45	5.31	5.75	7.13	1.000 x 0.312

General Purpose Transformers
Series: GP , Specifications

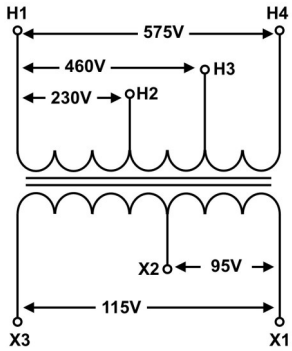
GROUP: A
Primary Voltage : 220/440 , 230/460 , 240/480 V @ 50/60Hz ; Secondary Voltage : 110 , 115 , 120 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-A00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-A00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-A00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-A00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-A00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-A00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-A00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-A00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-A00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-A00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-A00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-A00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-A00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-A00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



GROUP: B
Primary Voltage : 230 , 460 , 575 V @ 50/60Hz ; Secondary Voltage : 95 , 115 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-B00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-B00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-B00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-B00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-B00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-B00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-B00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-B00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-B00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-B00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-B00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-B00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10
1500	GP1500-B00	6.38	6.30	6.39	5.31	5.75	7.13	1.000 X 0.312	39.10
2000	GP2000-B00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	46.90

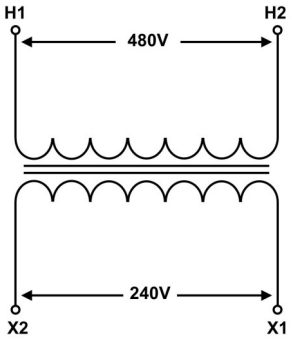


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General Purpose Transformers
Series: GP

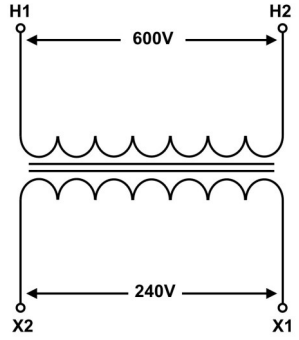
GROUP: C
Primary Voltage : 480 V @ 50/60Hz ; Secondary Voltage : 240 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-C00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-C00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-X00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-C00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-C00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-C00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-C00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-C00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-C00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-C00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-C00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-C00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-C00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-C00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



GROUP: D
Primary Voltage : 600 V @ 50/60Hz ; Secondary Voltage : 240 V

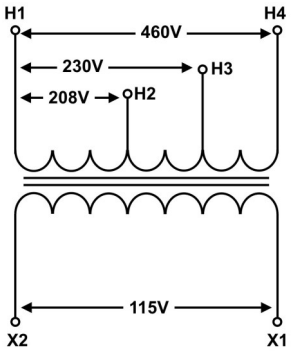
VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-D00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-D00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-D00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-D00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-D00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-D00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-D00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-D00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-D00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-D00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-D00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-D00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-D00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-D00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



General Purpose Transformers
Series: GP

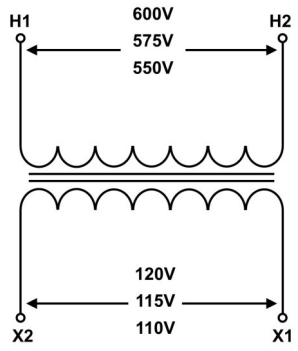
GROUP: E
Primary Voltage : 208 , 230, 460 V @ 50/60Hz ; Secondary Voltage : 115 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-E00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-E00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-E00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-E00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-E00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-E00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-E00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-E00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-E00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-E00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-E00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-E00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10
1500	GP1500-E00	6.38	6.30	6.39	5.31	5.75	7.13	1.000 X 0.312	39.10
2000	GP2000-E00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	46.90



GROUP: F
Primary Voltage : 550 , 575 , 600 V @ 50/60Hz ; Secondary Voltage : 110 , 115 , 120 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-F00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-F00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-F00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-F00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-F00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-F00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-F00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-F00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-F00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-F00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-F00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-F00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-F00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-F00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50

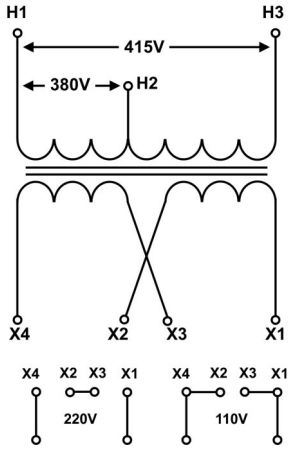


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General Purpose Transformers
Series: GP

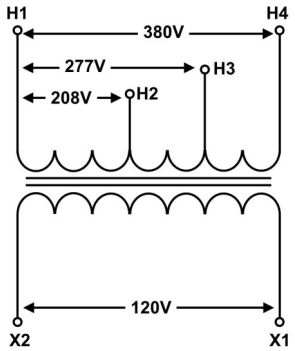
GROUP: G
Primary Voltage : 380 , 415 V @ 50/60Hz ; Secondary Voltage : 110/220 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-G00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	2.40
50	GP0050-G00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	4.10
75	GP0075-G00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	4.50
100	GP0100-G00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	5.40
150	GP0150-G00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-G00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	10.20
250	GP0250-G00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	12.30
300	GP0300-G00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	13.60
350	GP0350-G00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	14.00
500	GP0500-G00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-G00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	25.70
1000	GP1000-G00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10
1500	GP1500-G00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	39.10
2000	GP2000-G00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	46.90



GROUP: H
Primary Voltage : 208 , 277 , 380 V @ 50/60Hz ; Secondary Voltage : 120 V

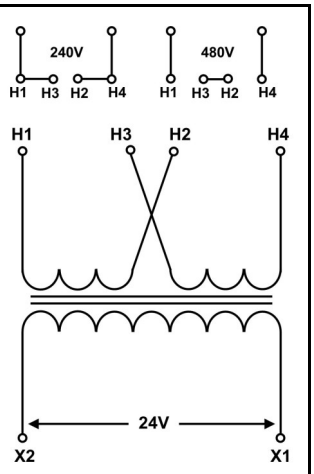
VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-H00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-H00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-H00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-H00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-H00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-H00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-H00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-H00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-H00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-H00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-H00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-H00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10
1500	GP1500-H00	6.38	6.30	6.39	5.31	5.75	7.13	1.000 X 0.312	39.10
2000	GP2000-H00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	46.90



General Purpose Transformers
Series: GP

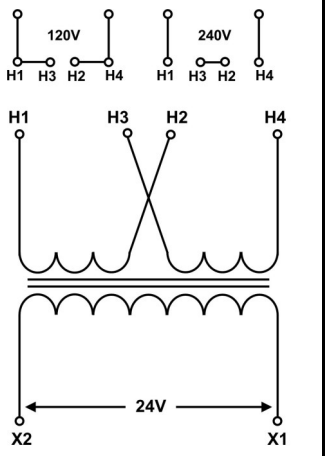
GROUP: J
Primary Voltage : 240/480 V @ 50/60Hz ; Secondary Voltage : 24 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-J00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-J00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-J00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-J00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-J00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-J00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-J00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-J00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-J00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60



GROUP: K
Primary Voltage : 120/240 V @ 50/60Hz ; Secondary Voltage : 24 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-K00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	1.90
50	GP0050-K00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	2.90
75	GP0075-K00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	3.40
100	GP0100-K00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	4.60
150	GP0150-K00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-K00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	7.80
250	GP0250-K00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	8.20
300	GP0300-K00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	10.50
350	GP0350-K00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	12.60

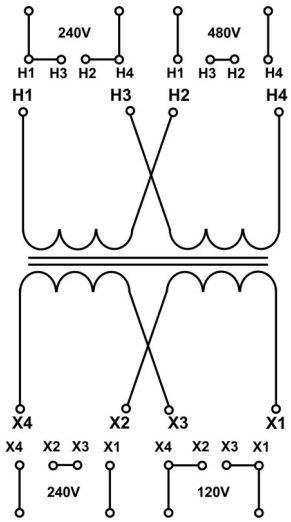


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General Purpose Transformers
Series: GP

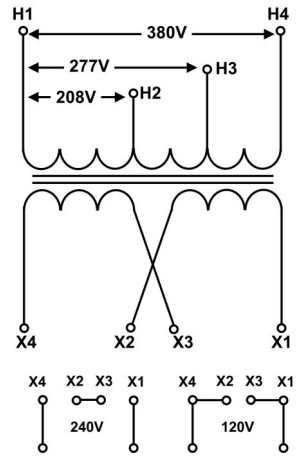
GROUP: M
Primary Voltage : 240/480 V @ 50/60Hz ; Secondary Voltage : 120/240 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-M00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-M00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-M00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-M00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-M00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-M00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-M00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-M00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-M00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-M00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-M00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-M00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-M00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-M00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



GROUP: N
Primary Voltage : 208, 277, 380 V @ 50/60Hz ; Secondary Voltage : 120/240 V

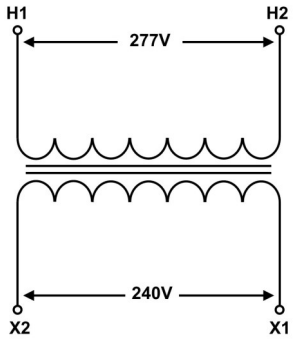
VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-N00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-N00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-N00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-N00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-N00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-N00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-N00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-N00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-N00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-N00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-N00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-N00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10
1500	GP1500-N00	6.38	6.30	6.39	5.31	5.75	7.13	1.000 X 0.312	39.10
2000	GP2000-N00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	46.90



General Purpose Transformers
Series: GP

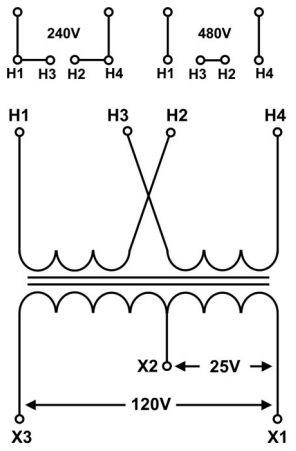
GROUP: P
Primary Voltage : 277 V @ 50/60Hz ; Secondary Voltage : 240 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-P00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-P00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-P00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-P00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-P00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-P00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-P00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-P00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-P00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-P00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-P00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-P00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-P00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-P00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



GROUP: Q
Primary Voltage : 240/480 V @ 50/60Hz ; Secondary Voltage : 25, 120 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-Q00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-Q00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-Q00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-Q00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-Q00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-Q00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-Q00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-Q00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-Q00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-Q00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-Q00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-Q00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10

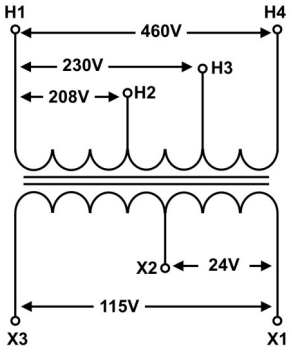


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General Purpose Transformers
Series: GP

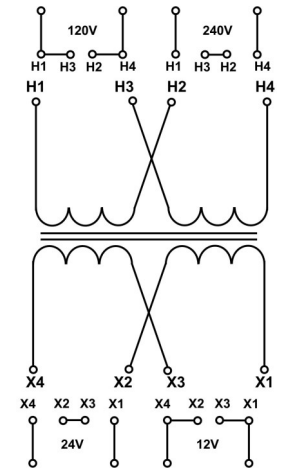
GROUP: R
Primary Voltage : 208 , 230 , 460 V @ 50/60Hz ; Secondary Voltage : 24 , 115 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-R00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-R00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-R00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-R00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-R00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-R00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-R00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-R00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-R00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-R00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-R00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-R00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10



GROUP: T
Primary Voltage : 120/240 V @ 50/60Hz ; Secondary Voltage : 12/24 V

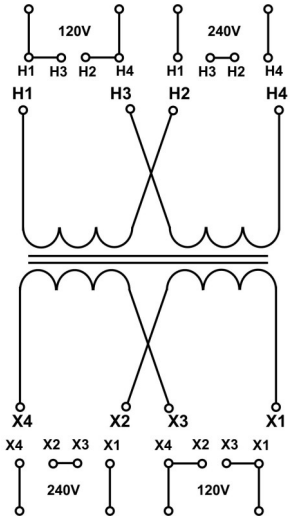
VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-T00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-T00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-T00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-T00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-T00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-T00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-T00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-T00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-T00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60



General Purpose Transformers
Series: GP

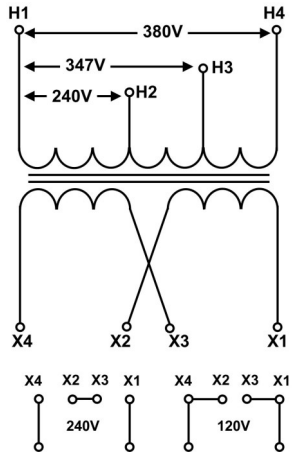
GROUP: U
Primary Voltage : 120/240 V @ 50/60Hz ; Secondary Voltage : 120/240 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-U00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-U00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-U00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-U00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-U00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-U00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-U00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-U00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-U00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-U00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-U00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-U00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-U00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-U00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



GROUP: W
Primary Voltage : 240 , 347 , 380 V @ 50/60Hz ; Secondary Voltage : 120/240 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-W00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 X 0.203	2.40
50	GP0050-W00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 X 0.203	4.10
75	GP0075-W00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 X 0.203	4.50
100	GP0100-W00	3.75	3.80	3.81	3.13	2.69	3.50	0.437 X 0.203	5.40
150	GP0150-W00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 X 0.203	7.00
200	GP0200-W00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 X 0.203	10.20
250	GP0250-W00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 X 0.203	12.30
300	GP0300-W00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	13.60
350	GP0350-W00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 X 0.203	14.00
500	GP0500-W00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 X 0.312	20.00
750	GP0750-W00	5.25	6.40	6.45	4.38	5.38	6.76	1.000 X 0.312	25.70
1000	GP1000-W00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 X 0.312	27.10
1500	GP1500-W00	6.38	6.30	6.39	5.31	5.75	7.13	1.000 X 0.312	39.10
2000	GP2000-W00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	46.90

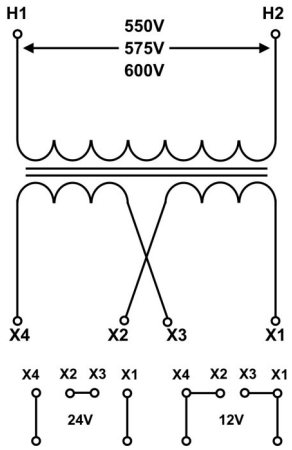


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General Purpose Transformers
Series: GP

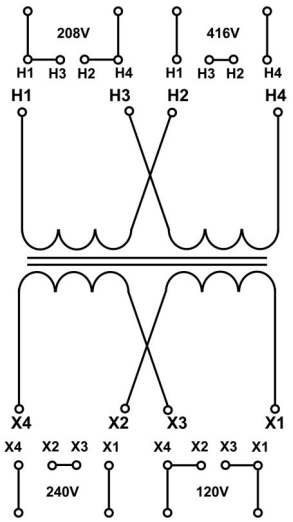
GROUP: Y
Primary Voltage : 550 , 575 , 600 V @ 50/60Hz ; Secondary Voltage : 12/24 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-Y00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-Y00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-Y00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-Y00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-Y00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-Y00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-Y00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-Y00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-Y00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60



GROUP: Z
Primary Voltage : 208/416 V @ 50/60Hz ; Secondary Voltage : 120/240 V

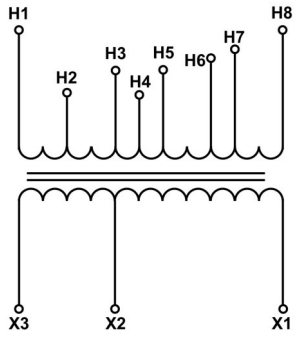
VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs s
		L	W	H	ML	MW	PW		
25	GP0025-Z00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-Z00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-Z00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-Z00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-Z00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-Z00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-Z00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-Z00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-Z00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-Z00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-Z00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-Z00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-Z00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-Z00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



General Purpose Transformers
Series: GP

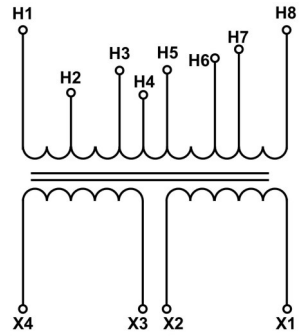
GROUP: EB
Primary Voltage : 120/208/220 - 240/277/347/380 - 415/440 - 480/550 - 600 V [Select desired input(s)] @ 50/60Hz;
Secondary Voltage: 85 , 130 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-EB00	3.00	3.20	3.00	2.50	2.19	3.00	0.437 x 0.203	2.40
50	GP0050-EB00	3.00	4.20	3.00	2.50	3.19	4.00	0.437 x 0.203	4.10
75	GP0075-EB00	3.75	3.45	3.81	3.13	2.44	3.25	0.437 x 0.203	4.50
100	GP0100-EB00	3.75	3.70	3.81	3.13	2.69	3.50	0.437 x 0.203	5.40
150	GP0150-EB00	3.75	4.20	3.81	3.13	3.19	4.00	0.437 x 0.203	7.00
200	GP0200-EB00	4.50	4.20	4.44	3.75	3.19	4.00	0.437 x 0.203	10.20
250	GP0250-EB00	4.50	4.70	4.44	3.75	3.69	4.50	0.437 x 0.203	12.30
300	GP0300-EB00	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203	13.60
350	GP0350-EB00	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203	14.00
500	GP0500-EB00	5.25	6.20	5.10	4.38	5.75	7.13	1.000 x 0.312	20.00
750	GP0750-EB00	6.38	4.70	6.45	5.31	4.25	5.63	1.000 x 0.312	25.70
1000	GP1000-EB00	6.38	4.82	6.45	5.31	4.37	5.75	1.000 x 0.312	27.10
1500	GP1500-EB00	6.38	6.20	6.45	5.31	5.75	7.13	1.000 x 0.312	39.10



GROUP: EG
Primary Voltage : 120/208/220 - 240/277/347/380 - 415/440 - 480/550 - 600 V [Select desired input (s)] @ 50/60Hz;
Secondary Voltage : 115/230 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-EG00	3.00	3.20	3.00	2.50	2.19	3.00	0.437 x 0.203	2.40
50	GP0050-EG00	3.00	4.20	3.00	2.50	3.19	4.00	0.437 x 0.203	4.10
75	GP0075-EG00	3.75	3.45	3.81	3.13	2.44	3.25	0.437 x 0.203	4.50
100	GP0100-EG00	3.75	3.70	3.81	3.13	2.69	3.50	0.437 x 0.203	5.40
150	GP0150-EG00	3.75	4.20	3.81	3.13	3.19	4.00	0.437 x 0.203	7.00
200	GP0200-EG00	4.50	4.20	4.44	3.75	3.19	4.00	0.437 x 0.203	10.20
250	GP0250-EG00	4.50	4.70	4.44	3.75	3.69	4.50	0.437 x 0.203	12.30
300	GP0300-W00	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203	13.60
350	GP0350-EG00	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203	14.00
500	GP0500-EG00	5.25	6.20	5.10	4.38	5.75	7.13	1.000 x 0.312	20.00
750	GP0750-EG00	6.38	4.70	6.45	5.31	4.25	5.63	1.000 x 0.312	25.70
1000	GP1000-EG00	6.38	4.82	6.45	5.31	4.37	5.75	1.000 x 0.312	27.10

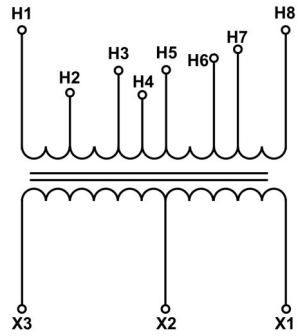


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General Purpose Transformers
Series: GP

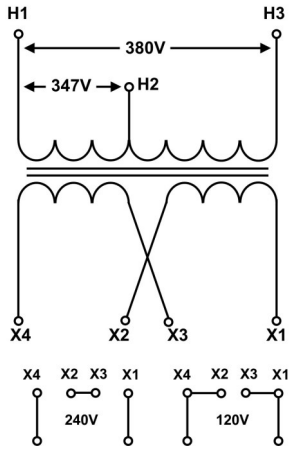
GROUP: EJ
Primary Voltage : 120/208/220 - 240/277/347/380 - 415/440 - 480/550 - 600 V [Select desired input (s)] @ 50/60Hz;
Secondary Voltage: 24 , 115 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-EJ00	3.00	3.20	3.00	2.50	2.19	3.00	0.437 x 0.203	2.40
50	GP0050-EJ00	3.00	4.20	3.00	2.50	3.19	4.00	0.437 x 0.203	4.10
75	GP0075-EJ00	3.75	3.45	3.81	3.13	2.44	3.25	0.437 x 0.203	4.50
100	GP0100-EJ00	3.75	3.70	3.81	3.13	2.69	3.50	0.437 x 0.203	5.40
150	GP0150-EJ00	3.75	4.20	3.81	3.13	3.19	4.00	0.437 x 0.203	7.00
200	GP0200-EJ00	4.50	4.20	4.44	3.75	3.19	4.00	0.437 x 0.203	10.20
250	GP0250-EJ00	4.50	4.70	4.44	3.75	3.69	4.50	0.437 x 0.203	12.30
300	GP0300-EJ00	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203	13.60
350	GP0350-EJ00	5.25	4.20	5.10	4.38	3.19	4.00	0.437 x 0.203	14.00
500	GP0500-EJ00	5.25	6.20	5.10	4.38	5.75	7.13	1.000 x 0.312	20.00
750	GP0750-EJ00	6.38	4.70	6.45	5.31	4.25	5.63	1.000 x 0.312	25.70
1000	GP1000-EJ00	6.38	4.82	6.45	5.31	4.37	5.75	1.000 x 0.312	27.10



GROUP: GM
Primary Voltage : 347 , 380 V @ 50/60Hz ; Secondary Voltage : 120/240 V

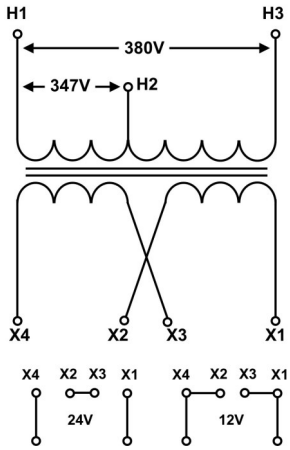
VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Ap-prox Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-GM00	3.00	2.95	3.00	2.50	1.75	2.57	0.437 x 0.203	2.40
50	GP0050-GM00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 x 0.203	4.10
75	GP0075-GM00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 x 0.203	4.50
100	GP0100-GM00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 x 0.203	5.40
150	GP0150-GM00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 x 0.203	7.00
200	GP0200-GM00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 x 0.203	10.20
250	GP0250-GM00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 x 0.203	12.30
300	GP0300-GM00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 x 0.203	13.60
350	GP0350-GM00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 x 0.203	14.00
500	GP0500-GM00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 x 0.312	20.00
750	GP0750-GM00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 x 0.312	25.70
1000	GP1000-GM00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 x 0.312	27.10
1500	GP1500-GM00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 x 0.312	39.10
2000	GP2000-GM00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 x 0.312	46.90



General Purpose Transformers
Series: GP

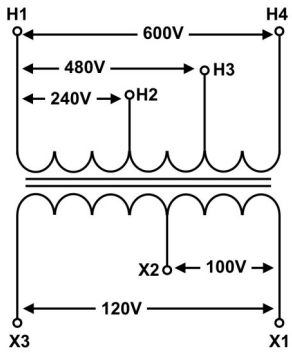
GROUP: HK
Primary Voltage : 347 , 380 V @ 50/60Hz ; Secondary Voltage : 12/24 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Ap-prox Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-HK00	3.00	2.95	3.00	2.50	1.75	2.57	0.437 x 0.203	2.40
50	GP0050-HK00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 x 0.203	4.10
75	GP0075-HK00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 x 0.203	4.50
100	GP0100-HK00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 x 0.203	5.40
150	GP0150-HK00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 x 0.203	7.00
200	GP0200-HK00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 x 0.203	10.20
250	GP0250-HK00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 x 0.203	12.30
300	GP0300-HK00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 x 0.203	13.60
350	GP0350-HK00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 x 0.203	14.00



GROUP: KH
Primary Voltage : 240 , 480, 600 V @ 50/60Hz ; Secondary Voltage : 100 , 120 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Ap-prox Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-KH00	3.00	3.30	3.00	2.50	2.00	2.84	0.437 x 0.203	2.40
50	GP0050-KH00	3.00	4.00	3.00	2.50	2.93	3.74	0.437 x 0.203	4.10
75	GP0075-KH00	3.75	3.50	3.81	3.13	2.45	3.26	0.437 x 0.203	4.50
100	GP0100-KH0	3.75	3.80	3.81	3.13	2.69	3.50	0.437 x 0.203	5.40
150	GP0150-KH00	3.75	4.30	3.81	3.13	2.88	3.70	0.437 x 0.203	7.00
200	GP0200-KH00	4.50	4.30	4.44	3.75	2.88	3.70	0.437 x 0.203	10.20
250	GP0250-KH00	4.50	4.80	4.44	3.75	3.25	4.13	0.437 x 0.203	12.30
300	GP0300-KH00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 x 0.203	13.60
350	GP0350-KH00	5.25	4.30	5.06	4.38	3.20	4.01	0.437 x 0.203	14.00
500	GP0500-KH00	5.25	5.40	5.06	4.38	4.25	5.69	1.000 x 0.312	20.00
750	GP0750-KH00	5.25	6.40	5.45	4.38	5.38	6.76	1.000 x 0.312	25.70
1000	GP1000-KH00	6.38	4.90	6.39	5.31	4.40	5.78	1.000 x 0.312	27.10
1500	GP1500-KH00	6.38	6.30	6.39	5.31	5.75	7.13	1.000 x 0.312	39.10
2000	GP2000-KH00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 x 0.312	46.90

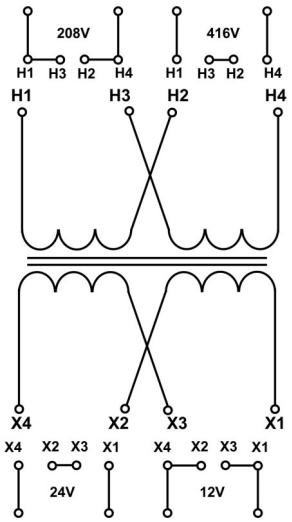


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General Purpose Transformers
Series: GP

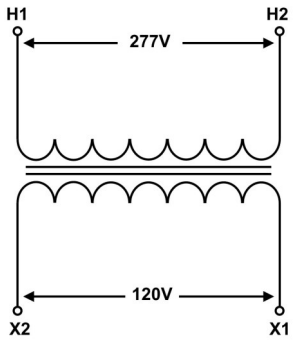
GROUP: NJ
Primary Voltage : 208/416 V @ 50/60Hz ; Secondary Voltage : 12/24 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-NJ00	3.00	2.95	3.00	2.50	1.75	2.57	0.437 x 0.203	1.90
50	GP0050-NJ00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 x 0.203	2.90
75	GP0075-NJ00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 x 0.203	3.40
100	GP0100-NJ00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 x 0.203	4.60
150	GP0150-NJ00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 x 0.203	6.10
200	GP0200-NJ00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 x 0.203	7.80
250	GP0250-NJ00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 x 0.203	8.20
300	GP0300-NJ00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 x 0.203	10.50
350	GP0350-NJ00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 x 0.203	12.60



GROUP: PH
Primary Voltage : 277 V @ 50/60Hz ; Secondary Voltage : 120 V

VA	Part Number	Overall Dimensions			Mounting Centers			Mtg. Slot (4 PLCS)	Approx Wt. Lbs
		L	W	H	ML	MW	PW		
25	GP0025-PH00	3.00	2.95	3.00	2.5	1.75	2.57	0.437 X 0.203	1.90
50	GP0050-PH00	3.00	3.45	3.00	2.50	2.00	2.84	0.437 X 0.203	2.90
75	GP0075-PH00	3.00	3.70	3.00	2.50	2.50	3.31	0.437 X 0.203	3.40
100	GP0100-PH00	3.75	3.50	3.81	2.81	2.38	3.20	0.437 X 0.203	4.60
150	GP0150-PH00	3.75	3.95	3.81	3.13	2.88	3.70	0.437 X 0.203	6.10
200	GP0200-PH00	4.50	3.70	4.44	3.75	2.50	3.31	0.437 X 0.203	7.80
250	GP0250-PH00	4.50	3.70	4.44	3.75	2.88	3.70	0.437 X 0.203	8.20
300	GP0300-PH00	4.50	4.20	4.44	3.75	3.25	4.13	0.437 X 0.203	10.50
350	GP0350-PH00	4.50	4.75	4.44	3.75	3.75	4.56	0.437 X 0.203	12.60
500	GP0500-PH00	5.25	4.75	5.06	4.38	4.25	5.69	1.000 X 0.312	16.70
750	GP0750-PH00	5.25	5.25	5.35	4.38	5.38	6.81	1.000 X 0.312	19.70
1000	GP1000-PH00	6.38	4.82	6.39	5.31	4.40	5.78	1.000 X 0.312	26.00
1500	GP1500-PH00	6.38	5.20	6.39	5.31	4.75	6.13	1.000 X 0.312	30.00
2000	GP2000-PH00	7.06	5.75	7.20	5.81	5.25	6.62	1.000 X 0.312	44.50



Fuse Rating Chart
Series - GP

Secondary Voltage	VA RATING													
	25	50	75	100	150	200	250	300	350	500	750	1000	1500	2000
12	3-2/10	6-1/4	10	12	15	20	25	30	-	-	-	-	-	-
23	1-8/10	3-1/2	5	7	10	12	15	17-1/2	20	30	-	-	-	-
24	1-6/10	3-2/10	5	6-1/4	10	12	15	17-1/2	20	30	-	-	-	-
25	1-6/10	3-2/10	5	6-1/4	10	12	15	15	17-1/2	25	-	-	-	-
90	4/10	8/10	1-1/4	1-8/10	2-1/2	3-1/2	4-1/2	5	6-1/4	9	12	15	20	25
95	4/10	8/10	1-1/4	1-6/10	2-1/2	3-1/2	4	5	6	8	12	15	17-1/2	25
100	4/10	8/10	1-1/4	1-6/10	2-1/2	3-2/10	4	5	5-6/10	8	12	15	17-1/2	25
110	3/10	3/4	1-1/8	1-1/2	2-1/4	3	3-1/2	4-1/2	5	7-1/2	10	12	17-1/2	25
115	3/10	6/10	1	1-4/10	2	2-8/10	3-1/2	4	5	7	10	12	17-1/2	25
120	3/10	6/10	1	1-1/4	2	2-1/2	3-2/10	4	4-1/2	6-1/4	10	12	17-1/2	25
220	3/16	3/10	1/2	3/4	1-1/8	1-1/2	1-8/10	2-1/4	2-1/2	3-1/2	5-6/10	7-1/2	10	12
230	15/100	3/10	1/2	6/10	1	1-4/10	1-8/10	2	2-1/2	3-1/2	5	7	10	12
240	15/100	3/10	1/2	6/10	1	1-4/10	1-6/10	2	2-1/4	3-2/10	5	6-1/4	10	12

Primary Voltage	VA RATING													
	25	50	75	100	150	200	250	300	350	500	750	1000	1500	2000
115	1/2	1	1-6/10	2	3-2/10	4	5	6-1/4	7-1/2	10	15	20	30	-
120	1/2	1	1-1/2	2	3	4	5	6-1/4	7	10	15	20	30	-
200	3/10	6/10	8/10	1-1/4	1-8/10	2-1/2	3	3-1/2	4	6-1/4	9	12	17-1/2	25
208	3/10	6/10	8/10	1-1/8	1-8/10	2-1/4	3	3-1/2	4	6	9	12	17-1/2	20
220	1/4	1/2	8/10	1-1/8	1-6/10	2-1/4	2-8/10	3-2/10	3-1/2	5-6/10	8	10	15	20
230	1/4	1/2	8/10	1	1-6/10	2	2-1/2	3-2/10	3-1/2	5	8	10	15	20
240	1/4	1/2	3/4	1	1-1/2	2	2-1/2	3	3-1/2	5	7-1/2	10	15	20
277	2/10	4/10	6/10	8/10	1-1/4	1-8/10	2-1/4	2-1/2	3	4-1/2	6-1/4	9	12	17-1/2
380	15/100	3/10	4/10	6/10	8/10	1-1/4	1-6/10	1-8/10	2-1/4	3-2/10	4-1/2	6-1/4	9	12
400	15/100	3/10	4/10	6/10	8/10	1-1/4	1-1/2	1-8/10	2	3	4-1/2	6-1/4	9	12
415	15/100	3/10	4/10	6/10	8/10	1-1/8	1-1/2	1-8/10	2	3	4-1/2	6	9	12
440	1/8	1/4	4/10	1/2	8/10	1-1/8	1-4/10	1-6/10	1-8/10	2-8/10	4	5-6/10	8	10
460	1/8	1/4	4/10	1/2	8/10	1	1-1/4	1-6/10	1-8/10	2-1/2	4	5	8	10
480	1/8	1/4	3/10	1/2	3/4	1	1-1/4	1-1/2	1-8/10	2-1/2	3-1/2	5	7-1/2	10
550	1/10	2/10	3/10	4/10	6/10	8/10	1-1/8	1-1/4	1-1/2	2-1/4	3-2/10	4-1/2	6-1/4	9
575	1/10	2/10	3/10	4/10	6/10	8/10	1	1-1/4	1-1/2	2	3-2/10	4	6-1/4	8
600	1/10	2/10	3/10	4/10	6/10	8/10	1	1-1/4	1-4/10	2	3	4	6-1/4	8

Note:

- If the rated secondary current is under 9 amps, the secondary rating of overcurrent protection is 167% limit of rated secondary current.
- If the rated secondary current is greater than or equal to 9 amps, the secondary rating of overcurrent protection is 125% limit of rated secondary current.
- When secondary is protected by overcurrent protection, the primary rating of overcurrent protection is 250% limit of rated primary current. .
- No need of secondary overcurrent protection if transformer is equipped with Primary Overcurrent protection.

Reference: NEC 450.3(B)

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Linear Regulated DC Power Supplies

International Series: BVA



- **Single, dual, triple outputs**
- **Worldwide field selectable 110/117/220/230-240VAC input**
- **Rated full load at 50°C**
- **Overload and short circuit protection**
- **Remote sense compensates for line drop and assures voltage the load**
- **Reverse Polarity protection**
- **Open sense lead protection**
- **Overvoltage Protection (OVP) standard on 5V main outputs**
- **Up to 600 watts regulated output**
- **Made in the U.S.A.**
- **2 year warranty**

Agency Approvals:

- **UL File # E181899**
- **CB Scheme, File #MC3535**
- **CE Marked**

The International Series BVA

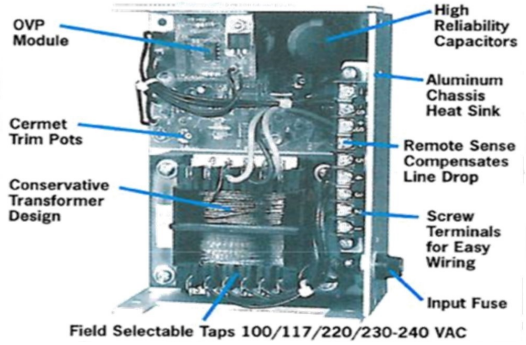
The BVA series is the premium grade, open frame line of linear DC power supplies. Designed to operate over a wide range of AC power sources found worldwide, the BVA series is especially suited for OEM applications where cost is a significant factor. The field selectable universal input (100/117/220/230-240VAC) reduces your inventory cost by allowing to use just one standard model regardless of destination.

Value Added Services

PowerVolt offers a wide variety of value added services and design features to meet your application requirements. The first and foremost service we offer is our flexibility to design custom units for your application. Other features include , but are not limited to, terminal blocks, mounting spacers, fuse and fuse holders, line cords etc. Please contact your local factory representative, distributor or factory direct for quotations.

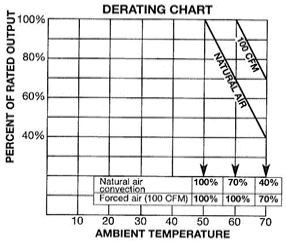
Specifications

AC Input: Field selectable taps for 100/11/7/220/230-240 VAC ±10%; 47-63Hz. See chassis ID label for jumper and line fusing requirements. For 50Hz operation derate output by 10%
DC Output: See selection guide for voltage/current ratings. The output is floating; either positive or negative terminal can be grounded. Output adjustment range is ±10%, expect variable 10-18V outputs.
Line Regulation: ±0.05% for 10% line change
Load Regulation: ± 0.05% for 50% load change
Thermal Regulation: ±0.02% per °C maximum, ±0.005% per °C typical
Output Ripple: 2mV RMS maximum, 3mV P-P
Dynamic Response: 30 microseconds for 50% load change
Stability: ±0.03% for 24 hour period after 1 hour warm up
Short Circuit and Overload Protection: Foldback current limiting, set at 120% of nominal
Overvoltage Protection: Crowbar overvoltage protection is standard on all 5VDC main outputs and is factory set at 6.2V±0.4V (fixed). Optional universal OVP module adjustable from 4.5 to 36V is available for other models.



Field Selectable Taps 100/117/220/230-240 VAC

Remote Sensing: Standard on all outputs above 30 watts. Remote sense will compensate for a cable drop of 0.25V. Protected against open or shorted sense leads. Twisted pair sense leads are recommended.
Efficiency: 5V units: 45%; 12 and 15V units: 55%; 24V and higher units: 60%
Operating Temperature: 0°C to 50°C full rated load, derate linearly to 40% at 70°C. See derating chart.
Storage Temperature: -55°C to +85°C
Vibration: Per MIL-STD-810B, Method 514, Procedure I, Curve AB (to 50 Hz)
Shock: Per MIL-STD-810B, Method 516, Procedure V
Safety Standards: • UL 60950-1, Second Edition •CSA C22.2 No. 60950 •CE Marked •CB Scheme
Finish: Clear aluminum chassis. Also serves as heat sink.
Mounting: Units can be mounted on several surfaces. Mounting holes will accept press fit #6-32 threaded fasteners. For efficient cooling, allow unrestricted air flow. Forced air cooling may be recommended.



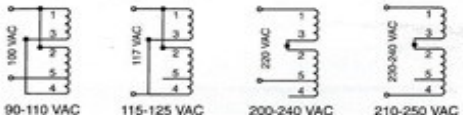
Linear Regulated DC Power Supplies: Operation and Application Notes

AC Input Wiring and Fusing

The universal transformer allows four input voltage ranges - 100/117/220/230-240 VAC ±10%. All standard models are factory wired for 117V operation. Before operation at a specific line voltage, the proper input jumpers must be installed. Adequate input fusing is also recommended. For jumper scheme and fusing requirements, refer to the unit ID label or the table below.

Input (VAC)	100	117	220	230-240
Jumper	1 - 2 3 - 4	1 - 2 3 - 4	2 - 3	2 - 3
Apply AC	1 - 5	1 - 4	1 - 5	1 - 4
Fuse	See unit ID label. Recommended 150% of output current			

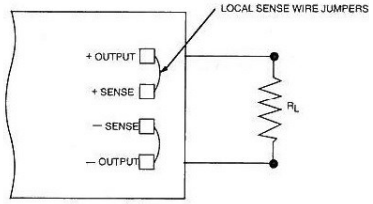
Jumpering Example: For operation at 117VAC, jumper 1-2 and 3-4; and apply AC input to 1 - 4.



DC OUTPUT WIRING

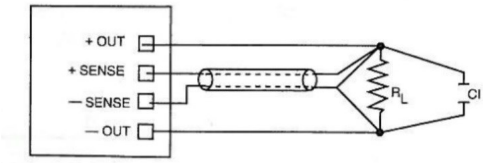
Local Sense

When load leads are not too long and remote regulation is not required, simply connect the load to the output terminals marked +Vo or +Out and –Vo or –Out. **Load leads must never be connected to the sense terminals.** Open sense lead protection is built-in and strapping the sense leads to the output leads is not needed, but is recommended.



Remote Sense

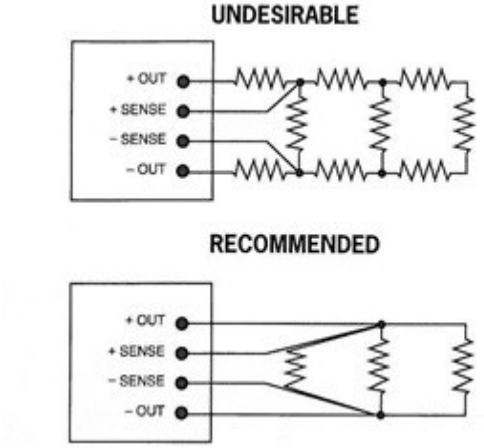
All models above 30 watts are provided with remote sense feature to compensate the load line drop and to permit a remote point of regulation. The figure below shows proper wiring for a power supply with remote sensing.



The remote sense can compensate a line drop of up to 0.25V. The load leads must be sized so that the line drop does not exceed 0.25V - the lesser the better. To provide noise immunity, it is recommended to use twisted pair or shielded pair for sense leads. A small AC decoupling capacitor (0.1 to 10 microfarad) across the sense terminals will also enhance the noise immunity. In some applications, the power supply output tends to oscillate due to the phase shift caused by the line resistance and inductance. The addition of capacitor C1 will reduce output impedance and provide stability.
The recommended value of C1 is 100 microfarads per ampere or 50 microfarads per foot of lead wire.

Grounding

The grounding, if not done right, can have a significant effect on the overall system performance. A single point grounding the system should be employed, whenever possible, to eliminate ground loops and to improve regulation.



Thermal Considerations

In normal operation the chassis gets hot due to the heat generated in the regulator. An unrestricted mounting area is recommended. Moving air is desirable in confined areas. The chassis may be mounted on the other heat dissipating surfaces to improve cooling.

Overvoltage Protection (OVP) Adjustment

The overvoltage is fixed on +5V outputs and is factory set at 6.2 ±0.4V. On all other outputs, a separate universal OVP module should be used. Single output units normally have their OVP adjusted at 1 to 2 volts or 10 to 20% (whichever is greater) above the nominal output voltage. For dual output units, the criteria applies above the sum of the two voltages. Adjust OVP as follows:

- Adjust OVP adj. potentiometer fully clockwise
- Apply AC input voltage
- Adjust output voltage to the desired overvoltage trip point
- Turn the OVP adj. potentiometer counterclockwise until output voltage is crowbarred to approximately 1 volt
- Switch the AC input off and adjust the output voltage down. Reapply AC input voltage and adjust the output up to verify the set point.

Overload Adjustment

The overload is factory set at 110 to 120% and should not require any adjustment. If this has been changed or require recalibration, it can be accomplished as follows:

- Adjust OL adj. potentiometer fully clockwise
- Apply AC input voltage
- Adjust output to the lowest voltage of the specified voltage range
- Adjust the load current to 110 to 120% of rated output current
- Slowly turn the OL adj. potentiometer counterclockwise until the voltage starts decreasing

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Single Output, Linear
Series: BVA - Single Output

Partial Selection Guide

Single Output Models			
Voltage	**Model**	**Case**	**Output**
2 Volts	BVA-2AS3	AS	2V @ 3A
	BVA-2BS6	BS	2V @ 6A
	BVA-2DS12	DS	2V @ 12A
	BVA-2ES18	ES	2V @ 18A
5 Volts	BVA-5AS1.5-OVP	AS	5V @ 1.5A
	BVA-5AS3-OVP	AS	5V @ 3A
	BVA-5BS6-OVP	BS	5V @ 6A
	BVA-5CS9-OVP	CS	5V @ 9A
	BVA-5DS12-OVP	DS	5V @ 12A
	BVA-5ES18-OVP	ES	5V @ 18A
	BVA-5FS25-OVP	FS	5V @ 25A
7 Volts	BVA-7AS1	AS	7V @ 1A
	BVA-7AS2	AS	7V @ 2A
	BVA-7BS4	BS	7V @ 4A
	BVA-7CS6	CS	7V @ 6A
	BVA-7DS8	DS	7V @ 8A
	BVA-7ES12.5	ES	7V @ 12.5A
	BVA-7FS17.5	FS	7V @ 17.5A
10 Volts	BVA-10AS1.7	AS	10V @ 1.7A
	BVA-10BS3.4	BS	10V @ 3.4A
	BVA-10CS5.1	CS	10V @ 5.1A
	BVA-10DS6.8	DS	10V @ 6.8A
	BVA-10ES10.2	ES	10V @ 10.2A
	BVA-10FS16	FS	10V @ 16A
12 Volts	BVA-12AS0.9	AS	12V @ 0.9A
	BVA-12AS1.7	AS	12V @ 1.7A
	BVA-12BS3.4	BS	12V @ 3.4A
	BVA-12CS5.1	CS	12V @ 5.1A
	BVA-12DS6.8	DS	12V @ 6.8A
	BVA-12ES10.2	ES	12V @ 10.2A
	BVA-12FS16	FS	12V @ 16A

Single Output Models			
Voltage	**Model**	**Case**	**Output**
15 Volts	BVA-15AS0.9	AS	15V @ 0.9A
	BVA-15AS1.5	AS	15V @ 1.5A
	BVA-15BS3	BS	15V @ 3A
	BVA-15CS4.5	CS	15V @ 4.5A
	BVA-15DS6	DS	15V @ 6A
	BVA-15ES9	ES	15V @ 9A
	BVA-15FS15	FS	15V @ 15A
18 Volts	BVA-18AS1.5	AS	18V @ 1.5A
	BVA-18BS3	AS	18V @ 3A
	BVA-18CS4.5	BS	18V @ 4.5A
	BVA-18DS6	CS	18V @ 6A
	BVA-18ES9	DS	18V @ 9A
	BVA-18FS15	ES	18V @ 15A
24 Volts	BVA-24AS0.5	AS	24V @ 0.5A
	BVA-24AS1.2	AS	24V @ 1.2A
	BVA-24BS2.4	BS	24V @ 2.4A
	BVA-24CS3.6	CS	24V @ 3.6A
	BVA-24DS4.8	DS	24V @ 4.8A
	BVA-24ES7.2	ES	24V @ 7.2A
	BVA-24FS12	FS	24V @ 12A
	BVA-24GS24	GS	24V @ 24A
	BVA-24MIL8/17T*	-	24V @ 8A/ 24V @ 17A
28 Volts	BVA-28AS0.5	AS	28V @ 0.5A
	BVA-28AS1	AS	28V @ 1A
	BVA-28BS2	BS	28V @ 5.1A
	BVA-28CS3	CS	28V @ 3A
	BVA-28DS4	DS	28V @ 4A
	BVA-28ES6	ES	28V @ 6A
	BVA-28FS10	FS	28V @ 10A
48 Volts	BVA-48AS0.5	AS	48V @ 0.5A
	BVA-48BS1	BS	48V @ 1A
	BVA-48DS3	DS	48V @ 3A
	BVA-48ES4	ES	48V @ 4A
	BVA-48FS8	FS	48V @ 8A

Options:

Screw Terminals (T): Solder terminals standard. Add T for screw terminals, 20A/300V

Overvoltage Protection (OVP): OVP is standard on all 5V main outputs. Add OVP to part number for individual OVP module on other models up to 36VDC outputs.

Mounting Spacers: (S): For mounting spacers on any one surface add 'S to part number. Not available on FS and GS case sizes.

Input Fuse (F): For input fuse and fuse holder add F to part number.

Line Cord (C): For input line cord add C to part number.

Surge Absorber (M): Input MOV 150V for line voltage of 100-117VAC; and 320V for line voltage of 220-240VAC.

Ask for specials.
Custom variations quoted and shipped promptly.

*Unregulated

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Dual Output, Linear
Series: BVA - Dual Output

Partial Selection Guide

Dual Output Models				
Voltage	Model	Case	Output	
			#1	#2
±5 Volts	BVA-5AD1.5-OVP	AD	5V @ 1.5A	-5V @ 1.5A
	BVA-5BD3-OVP	BD	5V @ 3A	-5V @ 3A
	BVA5CD6-OVP	CD	5V @ 6A	-5V @ 6A
±12 Volts	BVA-12AA0.4	AA	12V @ 0.4A	-12V @ 0.4A
±15 Volts	BVA-15AA0.4	AA	15V @ 0.4A	-15V @ 0.4A
±12 to 15 Volts	BVA-12AD1.0	AD	12V @ 1A, or	-12V @ 1A, or
			15V @ 0.8A	-15V @ 0.8A, or
				-5V @ 0.4A
	BVA-12BD1.7	BD	12V @ 1.7A, or	-12V @ 1.7A, or
			15V @ 1.5A	-15V @ 1.5A, or
				-5V @ 0.7A
	BVA-CD3.4	CD	12V @ 3.4A, or	-12V @ 3.4A, or
			15V @ 3A	-15V @ 3A
	BVA-12ED5	ED	12V @ 5A, or	-12V @ 5A, or
			15V @ 5A	-15V @ 5A
Ask for specials. Custom variations quoted and shipped promptly.				

Options:

Screw Terminals (T): Solder terminals standard. Add T for screw terminals, 20A/300V

Overvoltage Protection (OVP): OVP is standard on all 5V main outputs. Add OVP to part number for individual OVP module on other models up to 36VDC outputs.

Mounting Spacers: (S): For mounting spacers on any one surface add 'S to part number. Not available on FS and GS case sizes.

Input Fuse (F): For input fuse and fuse holder add F to part number.

Line Cord (C): For input line cord add C to part number.

Surge Absorber (M): Input MOV 150V for line voltage of 100-117VAC; and 320V for line voltage of 220-240VAC.

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Triple Output, Linear
Series: BVA - Triple Output

Partial Selection Guide

Triple Output Models					
Voltage	Model	Case	Output		
			#1	#2	#3
10 Volts	BVA-52A15T0.4	AT	5V @ 2A	9 to 15V @ 0.4A	-9 to 15V @ 0.4A, or -5V @ 0.4A
15 Volts	BVA-53B12T1	BT	5V @ 3A	12V @ 1A, or 15V @ 0.8A	-12V @ 1A, or -15V @ 0.8A, or -5V @ 0.4A
30 Volts	BVA-56C12T1.7	CT	5V @ 6A	12V @ 1.7A, or 15V @ 1.5A	- 12V @ 1.7A, or -15V @ 0.8A, or -5V @ 0.7A
30 Volts	BVA-56D12T1	DT	5V @ 6A	12V @ 1A, or 15V @ 1A	-12V @ 1A, or -15V @ 1A, or -5V @ 0.4A
40 Volts	BVA-58E12T1.7	ET	5V @ 8A	12V @ 1.7A, or 15V @ 1.5A	-12V @ 1.7A, or -15V @ 1.5A, or -5V @ 0.7A
60 Volts	BVA-512F12T1.7	FT	5V @ 12A	12V @ 1.7A, or 15V @ 1.5A	-12V @ 1.7A, or -15V @ 1.5A
60 Volts	BVA-512F12T3.4	FT	5V @ 12A	12V @ 3.4A, or 15V @ 3A	-12V @ 3.4A, or -15V @ 3A
Ask for specials. Custom variations quoted and shipped promptly.					

Options:

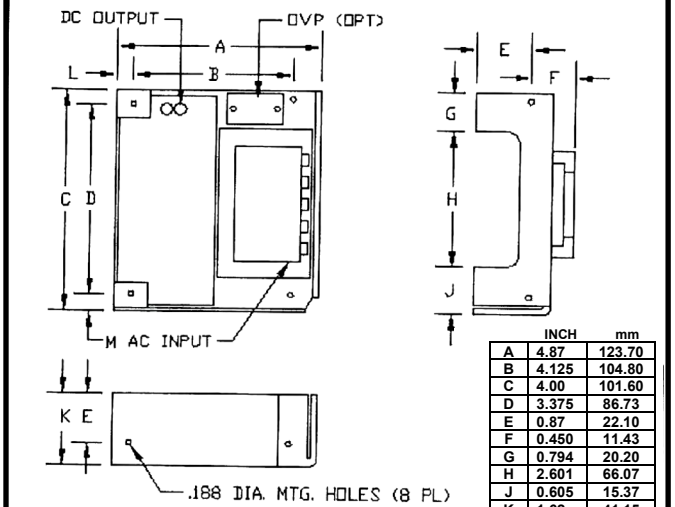
Screw Terminals (T): Solder terminals standard. Add T for screw terminals, 20A/300V
Overvoltage Protection (OVP): OVP is standard on all 5V main outputs. Add OVP to part number for individual OVP module on other models up to 36VDC outputs.

Mounting Spacers: (S): For mounting spacers on any one surface add 'S to part number. Not available on FS and GS case sizes.
Input Fuse (F): For input fuse and fuse holder add F to part number.
Line Cord (C): For input line cord add C to part number.
Surge Absorber (M): Input MOV 150V for line voltage of 100-117VAC; and 320V for line voltage of 220-240VAC.

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AS CASE / AA CASE

WEIGHT: 2 LBS.

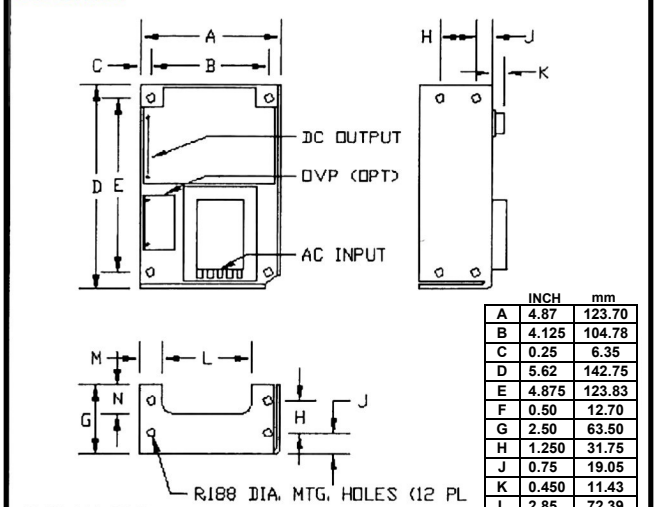


	INCH	mm
A	4.87	123.70
B	4.125	104.80
C	4.00	101.60
D	3.375	86.73
E	0.87	22.10
F	0.450	11.43
G	0.794	20.20
H	2.601	66.07
J	0.605	15.37
K	1.62	41.15
L	0.250	6.35
M	0.375	9.53

OVERALL SIZE
4.87" x 4.00" x 2.07"

BS CASE

WEIGHT: 4 LBS.

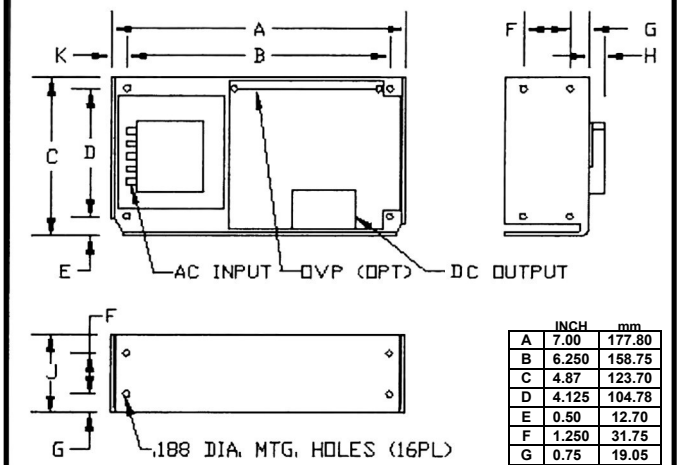


	INCH	mm
A	4.87	123.70
B	4.125	104.78
C	0.25	6.35
D	5.62	142.75
E	4.875	123.83
F	0.50	12.70
G	2.50	63.50
H	1.250	31.75
J	0.75	19.05
K	0.450	11.43
L	2.85	72.39
M	1.025	26.04
N	0.665	16.89

OVERALL SIZE
5.62" x 4.87" x 2.95"

CS CASE

WEIGHT: 6 LBS.

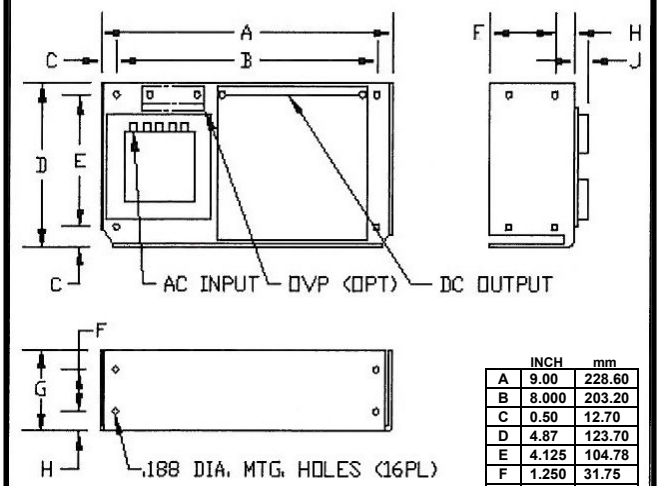


	INCH	mm
A	7.00	177.80
B	6.250	158.75
C	4.87	123.70
D	4.125	104.78
E	0.50	12.70
F	1.250	31.75
G	0.75	19.05
H	0.450	11.43
J	2.75	69.85
K	0.38	9.65

OVERALL SIZE
7.00" x 4.87" x 3.20"

DS CASE

WEIGHT: 7.5 LBS.

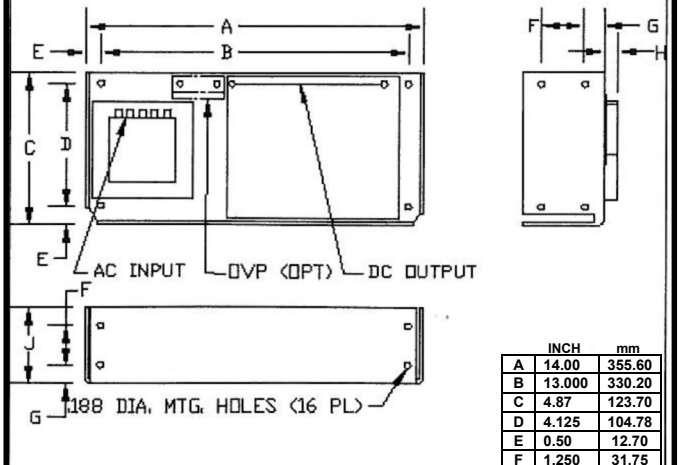


	INCH	mm
A	9.00	228.60
B	8.000	203.20
C	0.50	12.70
D	4.87	123.70
E	4.125	104.78
F	1.250	31.75
G	2.75	69.85
H	0.75	19.05
J	0.525	13.34

OVERALL SIZE
9.00" x 4.87" x 3.28"

ES CASE

WEIGHT: 10 LBS.

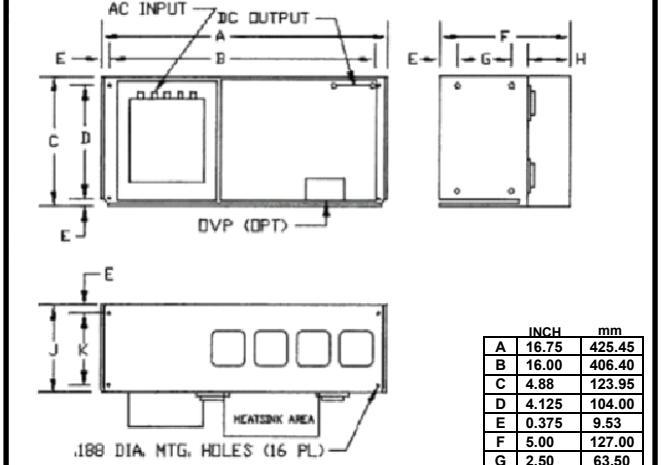


	INCH	mm
A	14.00	355.60
B	13.000	330.20
C	4.87	123.70
D	4.125	104.78
E	0.50	12.70
F	1.250	31.75
G	0.75	19.05
H	0.650	16.51
J	2.75	69.85

OVERALL SIZE
14.00" x 4.87" x 3.40"

FS CASE

WEIGHT: 19 LBS.



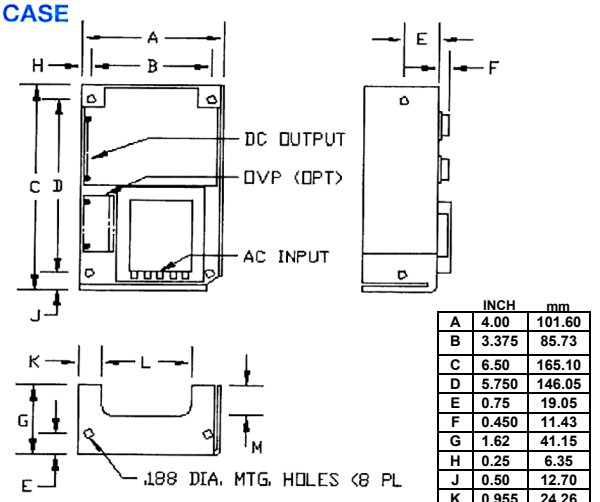
	INCH	mm
A	16.75	425.45
B	16.00	406.40
C	4.88	123.95
D	4.125	104.00
E	0.375	9.53
F	5.00	127.00
G	2.50	63.50
H	1.50	38.10
J	3.50	88.90
K	2.50	63.50

OVERALL SIZE
16.75" x 5.00" x 4.88"

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AD CASE
AT CASE

WEIGHT: 2 LBS.

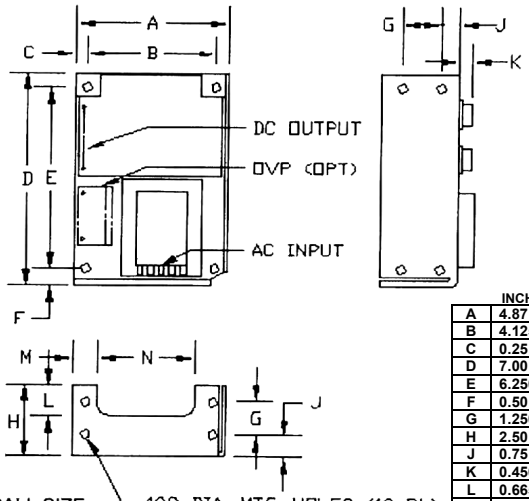


	INCH	mm
A	4.00	101.60
B	3.375	85.73
C	6.50	165.10
D	5.750	146.05
E	0.75	19.05
F	0.450	11.43
G	1.62	41.15
H	0.25	6.35
J	0.50	12.70
K	0.955	24.26
L	2.37	60.20
M	0.57	14.48

OVERALL SIZE
6.50" x 4.00" x 2.07"

BD CASE

WEIGHT: 4 LBS.

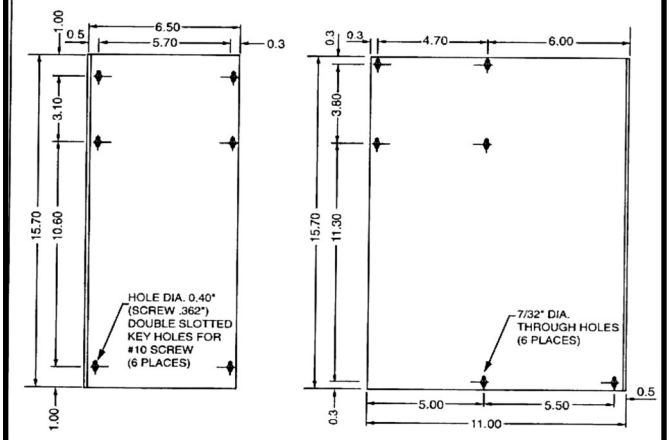


	INCH	mm
A	4.87	123.70
B	4.125	104.78
C	0.25	6.35
D	7.00	177.80
E	6.250	158.75
F	0.50	12.70
G	1.250	31.75
H	2.50	63.50
J	0.75	19.05
K	0.450	11.43
L	0.665	16.69
M	1.025	26.03
N	2.85	72.39

OVERALL SIZE
7.00" x 4.87" x 2.95"

GS CASE

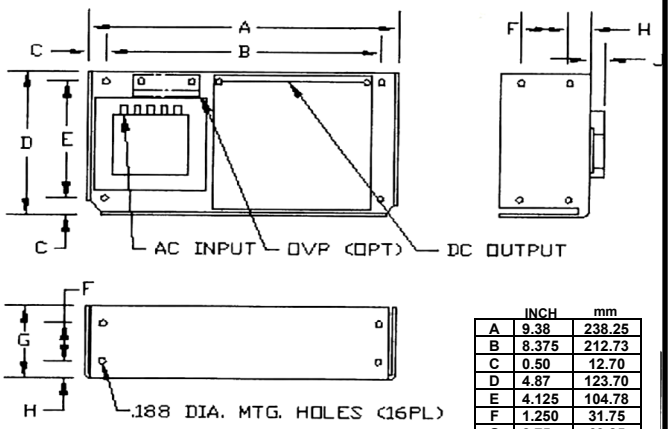
WEIGHT: 10 LBS.



OVERALL SIZE
15.7" x 11" x 6.5"

CD CASE

WEIGHT: 7 LBS.

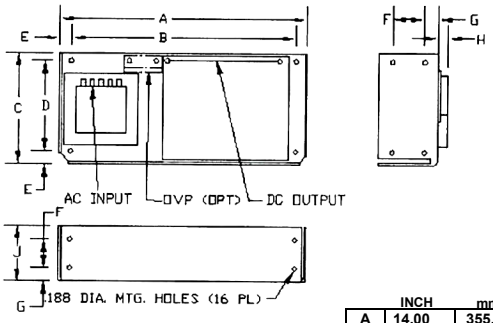


	INCH	mm
A	9.38	238.25
B	8.375	212.73
C	0.50	12.70
D	4.87	123.70
E	4.125	104.78
F	1.250	31.75
G	2.75	69.85
H	0.75	19.05
J	0.525	13.34

OVERALL SIZE
9.38" x 4.87" x 3.28"

ED CASE

WEIGHT: 10 LBS.

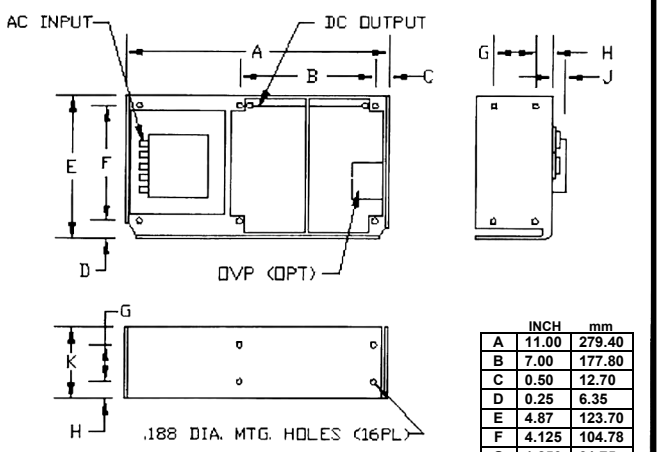


	INCH	mm
A	14.00	355.60
B	13.000	330.20
C	4.87	123.70
D	4.125	104.78
E	0.50	12.70
F	1.250	31.75
G	0.75	19.05
H	0.650	16.51
J	2.75	69.85

OVERALL SIZE
14.00" x 4.87" x 3.40"

ET CASE

WEIGHT: 9 LBS.

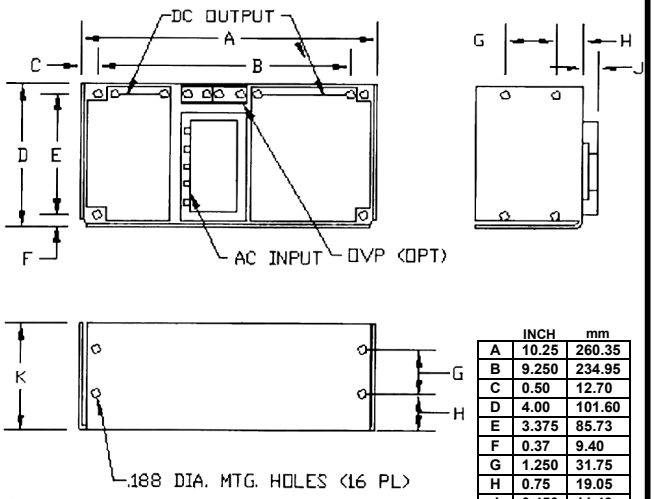


	INCH	mm
A	11.00	279.40
B	7.00	177.80
C	0.50	12.70
D	0.25	6.35
E	4.87	123.70
F	4.125	104.78
G	1.250	31.75
H	0.75	19.05
J	0.450	11.43
K	2.75	69.85

OVERALL SIZE
11.00" x 4.87" x 3.20"

BT CASE

WEIGHT: 5 LBS.

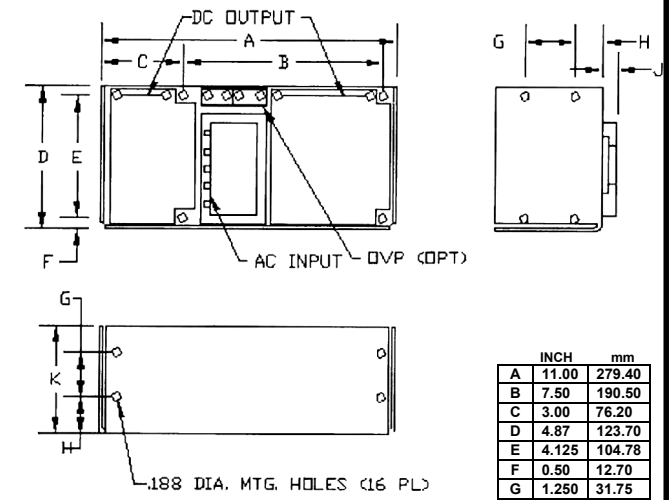


	INCH	mm
A	10.25	260.35
B	9.250	234.95
C	0.50	12.70
D	4.00	101.60
E	3.375	85.73
F	0.37	9.40
G	1.250	31.75
H	0.75	19.05
J	0.450	11.43
K	2.50	63.50

OVERALL SIZE
10.25" x 4.00" x 2.95"

CT CASE

WEIGHT: 8 LBS.

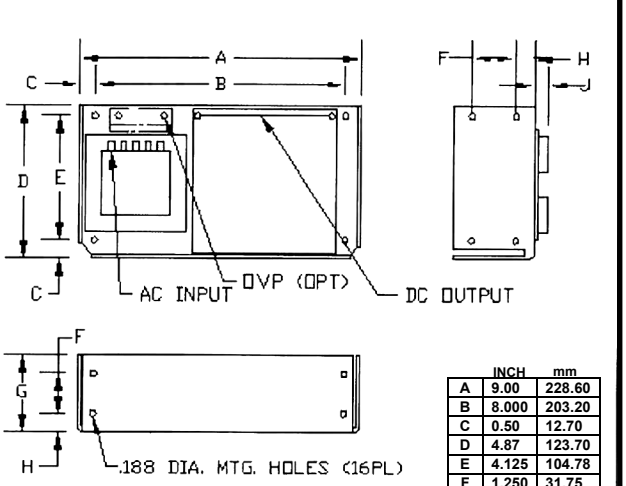


	INCH	mm
A	11.00	279.40
B	7.50	190.50
C	3.00	76.20
D	4.87	123.70
E	4.125	104.78
F	0.50	12.70
G	1.250	31.75
H	0.75	19.05
J	0.525	13.34
K	2.75	69.85

OVERALL SIZE
11.00" x 4.87" x 3.28"

DT CASE

WEIGHT: 7.5 LBS.

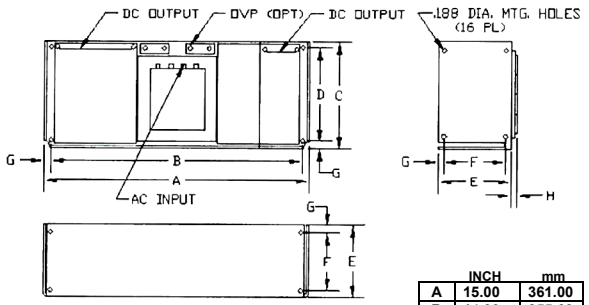


	INCH	mm
A	9.00	228.60
B	8.000	203.20
C	0.50	12.70
D	4.87	123.70
E	4.125	104.78
F	1.250	31.75
G	2.75	69.85
H	0.75	19.05
J	0.525	13.34

OVERALL SIZE
9.00" x 4.87" x 3.28"

FT CASE

WEIGHT: 12 LBS.



	INCH	mm
A	15.00	361.00
B	14.00	355.60
C	4.88	123.95
D	4.13	104.90
E	3.75	95.25
F	2.50	63.50
G	0.50	12.70
H	0.80	20.32

OVERALL SIZE
15.00" x 4.88" x 4.55"

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

Linear Regulated DC Power Supply
240/480V Input Voltage
Series: BVA

- **240/480 VAC input; 50/60 HZ**
- **Output is regulated DC power**
- **Up to 720 watts regulated output**
- **MTBF over 250,000 hours**
- **Low radio interference**
- **Output ripple as low as 2mV RMS**
- **Standard overload protection**
- **Standard reverse polarity protection**
- **Standard short circuit protection**
- **Standard remote and local sense (most models)**
- **Vibration and shock per MIL-STD-810B**
- **Two year warranty**



This latest addition to our Power Supply Line has been introduced after much demand. Endless applications will be more cost effective with DC power attainable directly from your high line. All power supplies listed here have an input voltage of 240/480 VAC

Value Added Options Include:

- Screw terminal block
- Overvoltage protection (standard on 5 volt models)
- Mounting spacers
- Input fuse

Specifications:

AC Input: 240/480 VAC +/-10%, 47-63Hz. See chassis ID label for jumper and line fusing requirements.
DC Output: See Selection Guide for voltage/current ratings. The output is floating; either positive or negative terminal can be grounded. Output adjustment range is +/–10%, except variable 10-18V outputs.
Line Regulation: +/-0.05% for 10% line change.
Load Regulation: +/-0.05% for 50% load change.
Thermal Regulation: +/-0.02% per °C maximum, +/-0.005% per °C typical
Output Ripple: 2mV rms maximum, 3mV P-P.
Dynamic Response: 30 microseconds for 50% load change.
Stability: +/-0.3% for 24 hour period after 1 hour warm-up.
Short Circuit and Overload Protection: Foldback current limiting, set at 120% of nominal
Overvoltage Protection: Crowbar overvoltage protection is standard on all 5 VDC main outputs and is factory set at 6.2V +/-0.4V (fixed). Optional universal OVP module adjustable from 4.5 to 36V is available for other models.
Remote Sensing: Standard on all outputs above 30 watts. Remote sense will compensate for a cable drop of 0.25V. Protected against open or shorted sense leads. Twisted pair sense leads are recommended.
Efficiency: 5V units: 45%; 12 and 15V units: 55% 24V and higher units: 60%.

Operating Temperature: 0°C to 50°C full rated load, derate linearly to 40% at 70°C.
Storage Temperature: -55°C to +85°C.
Vibration: Per MIL-STD-810B, method 514, procedure 1, curve AB (to 50Hz).
Shock: Per MIL-STD-810B, method 516, procedure V.
Safety Standards: Designed to meet safety regulations of UL, CSA, VDE, CE and other international standards.
Finish: Clear aluminum chassis. Chassis also serve as heat sink.
Mounting: Units can be mounted on several surfaces. Mounting holes will accept press fit # 6-32 threaded fasteners. For efficient cool, allow unrestricted airflow. Forced air cooling may be recommended.

Linear Regulated DC Power Supply
240/480V Input Voltage
Series: BVA

Selection Guide

Part Number	Case Size	Input	Output (VDC)
BVA-5CS9-OVP-480	CS	240/480	5 @ 9.0A
BVA-5DS12-OVP-480	DS	240/480	5 @ 12A
BVA-5ES18-OVP-480	ES	240/280	5 @ 18A
BVA-5FS25-OVP-480	FS	240/480	5 @ 25A
BVA-12CS5.1-480	CS	240/480	12 @ 5.1A
BVA-12DS6.8-480	DS	240/480	12 @ 6.8A
BVA-12ES10.2-480	ES	240/480	12 @ 10.2A
BVA-12FS16-480	FS	240/480	12 @ 16A
BVA-15CS4.5-480	CS	240/480	15 @ 4.5A
BVA-15DS6-480	DS	240/480	15 @ 6A
BVA-15ES9-480	ES	240/480	15 @ 9A
BVA-15FS15-480	FS	240/480	15 @ 15A

Part Number	Case Size	Input	Output
BVA-24CS3.6-480	CS	240/480	24 @ 3.6A
BVA-24DS4.8-480	DS	240/480	24 @ 4.8A
BVA-24ES7.2-480	ES	240/280	24 @ 7.2A
BVA-24FS12-480	FS	240/480	24 @ 12A
BVA-24CLR15-480	Call Factory	480±10%	24 @ 15A
BVA-24CLR30-480	Call Factory	480±10%	24 @ 30A
BVA-28CS3-480	CS	240/480	28 @ 3A
BVA-28DS4-480	DS	240/480	28 @ 4A
BVA-28ES6-480	ES	240/480	28 @ 6A
BVA-28FS10-480	FS	240/480	28 @ 10A
BVA-48DS3-480	DS	240/480	48 @ 3A
BVA-48ES4-480	ES	240/480	48 @ 4A
BVA-48FS8-480	FS	240/480	48 @ 8A

Options:

Screw Terminals (T): Solder terminals standard. Add T for screw terminals, 20A/300V

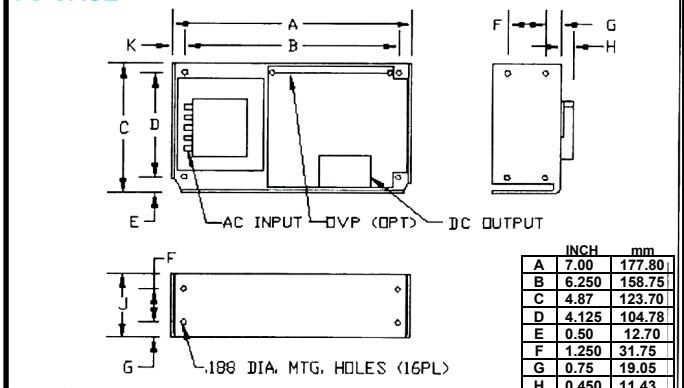
Overvoltage Protection (OVP): OVP is standard on all 5V main outputs. Add OVP to part number for individual OVP module on other models up to 36VDC outputs.

Mounting Spacers: (S): For mounting spacers on any one surface add 'S to part number. Not available on FS and GS case sizes.

Input Fuse (F): For input fuse and fuse holder add F to part number.

DIMENSIONS

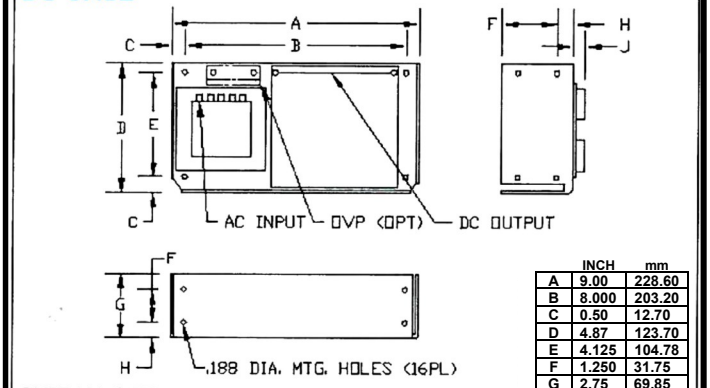
CS CASE — WEIGHT: 6 LBS.



	INCH	mm
A	7.00	177.80
B	6.250	158.75
C	4.87	123.70
D	4.125	104.78
E	0.50	12.70
F	1.250	31.75
G	0.75	19.05
H	0.450	11.43
J	2.75	69.85
K	0.38	9.65

OVERALL SIZE
7.00" x 4.87" x 3.20"

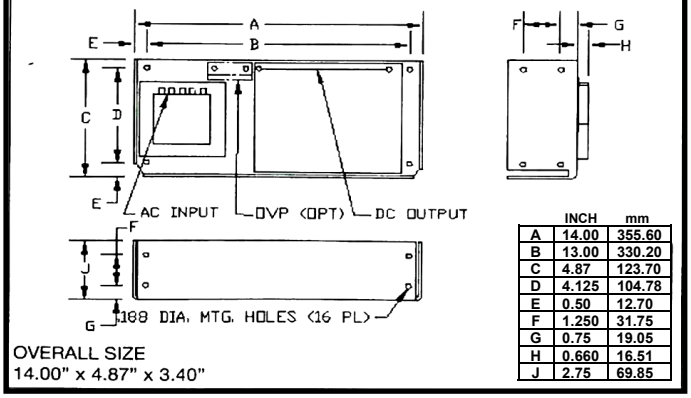
DS CASE — WEIGHT: 7.5 LBS.



	INCH	mm
A	9.00	228.60
B	8.000	203.20
C	0.50	12.70
D	4.87	123.70
E	4.125	104.78
F	1.250	31.75
G	2.75	69.85
H	0.75	19.05
J	0.525	13.34

OVERALL SIZE
9.00" x 4.87" x 3.28"

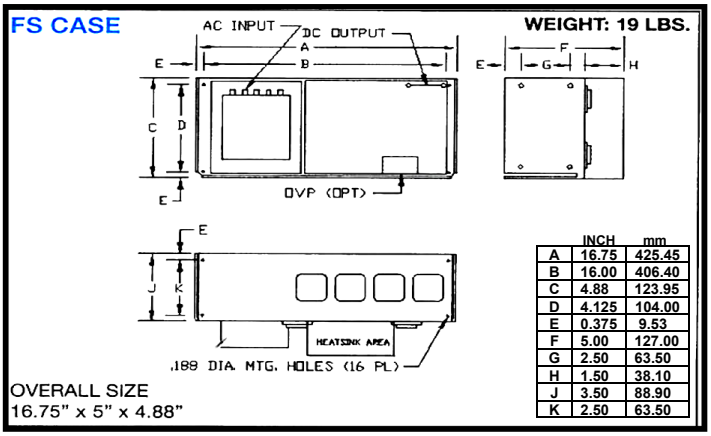
ES CASE — WEIGHT: 10 LBS.



	INCH	mm
A	14.00	355.60
B	13.00	330.20
C	4.87	123.70
D	4.125	104.78
E	0.50	12.70
F	1.250	31.75
G	0.75	19.05
H	0.660	16.51
J	2.75	69.85

OVERALL SIZE
14.00" x 4.87" x 3.40"

FS CASE — WEIGHT: 19 LBS.



	INCH	mm
A	16.75	425.45
B	16.00	406.40
C	4.88	123.95
D	4.125	104.00
E	0.375	9.53
F	5.00	127.00
G	2.50	63.50
H	1.50	38.10
J	3.50	88.90
K	2.50	63.50

OVERALL SIZE
16.75" x 5" x 4.88"

Any application, Any requirement, Contact us for our Custom Designs

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

StepperPower™
The Power Supply for Stepping Motors
Series: STP



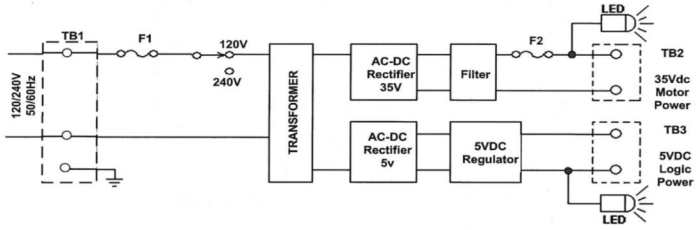
- **Fully compatible with Applied Motion Products (and other) stepping motor drivers**
- **Integral motor (35Vdc) and logic (5Vdc ±5%) power**
- **Space saving compact modules provide mounting studs for motor drivers**
- **Dual 120/240V switch-selectable input voltage**
- **Up to 500 watts regulated output**
- **Power-on LEDs, screw terminal connections**
- **Ideal for use with A.M.P. step motor drives 1335, 2035, 2035 O, 3535, 3535 O, 3540M or 3540MO.**

Agency Approvals:

- **UL File # E181899**
- **CE Marked**

Description:

The STP series of power supplies provide unregulated DC voltage for motor power and tightly regulated 5Vdc power for login circuitry. They are especially suitable for Applied Motion's step motor drives model numbers 1335, 2035 O, 3535, 3535 O, 3540M or 3540MO. The PC board and transformer are assembled on L-shaped aluminum chassis with threaded (# 6-32) PEM nuts provided on the side for the mounting drive module, thus making an integral power and driver unit. LED's indicate the power-on status of the motor and logic outputs. Input and motor output are fuse protected to avoid damage due to short circuits. The 5V logic output is electronically protected for overload and short circuit. The input is easily set to 120V or 240V with a slide switch provided on the PC board.

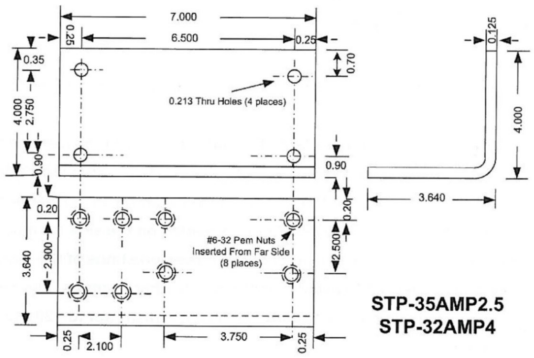


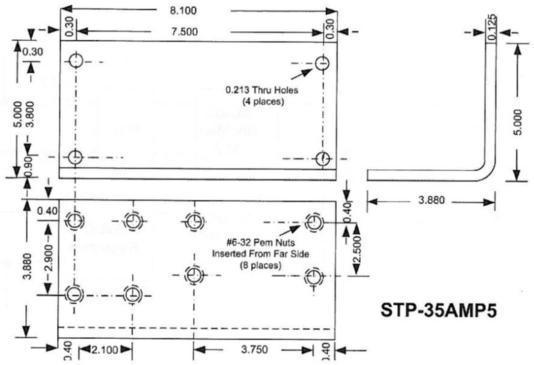
Specification:

Input Power: 120/240VAC ± 10%, 50/60Hz. Switch selectable. Factory set at 240V input.
Inrush Current: Estimated 12A at 120V and 15A at 240V.
Connections: Screw terminals.
Storage Temperature: -55°C to + 85°C.
Operating Temperature: 0-50°C at full rated load, derate linearly 20% up to 70°C maximum.
Humidity: 95% Non-condensing relative humidity maximum.
Cooling Method: Natural convection; allow unrestricted air flow for optimum operation.
Mounting: 4 each 0.213dia holes, use#8 or #10 screws; clear anodized chassis.
Agency Approvals: UL, CSA approved; CE marked.

Output:
— Motor Power
STP-35AMP2.5: 35Vdc @ 2.5A Full Load (No Load 42Vdc)
STP-32AMP4: 32Vdc @ 4.0A Full Load (No Load 42Vdc)
STP-35AMP5: 35Vdc @ 5.0A Full Load (No Load 42Vdc)
— Logic Power
5VDC ± 5% @ 500mA, regulated, electronically overload/short circuit protected.

Dimension Drawing: (All dimensions in inches)





The Power Supply for Stepping Motors
Series: STP

VA Rating	Part No	Approximate No Load (VDC)	Approximate Under Load (VDC)	Logic Power
128	STP-32XXX4	42V	32V @ 4A	5V ± 5% @ 500mA
88	STP-35XXX2.5	42V	35V @ 2.5A	5V ± 5% @ 500mA
175	STP-35XXX5	42V	35V @ 5A	5V ± 5% @ 500mA
240	STP-48XXX5	58V	48V @ 5A	5V ± 5% @ 500mA
480	STP-48XXX10	58V	48V @ 10A	5V ± 5% @ 500mA
350	STP-70XXX5	87V	70V @ 5A	5V ± 5% @ 500mA

StepperPower™
The Power Supply for Stepping Motors
Series: BVU6000

- **Fully compatible with Pacific Scientific (and other) stepping motor drivers series 5200, 5300, 5400, 6400.**
- **Space saving compact modules provide mounting studs for motor drivers**
- **Integral motor and logic-power (where applicable).**
- **Models to drive one or two motors**
- **120VAC or 240VAC models; input taps to match actual line Voltages**
- **Up to 700 watts regulated output**
- **Custom units available.**



Agency Approvals BVU Series:

- **UL File # E181899**
- **CE Marked**

The StepperPower™

The StepperPower™, Series BVU6000, is an integral power supply module especially designed to operate stepping motors. Motor and logic power supplies are both incorporated in one package (when applicable). Models are available to drive one or two motors. The single driver models are assembled on an L-shaped chassis and threaded (#6-32) PEM nuts to mount motor driver. The dual driver models feature a U-shaped chassis wire threaded (#6-32) PEM Nuts on both sides to mount two motor drivers. This makes it an integral space saving unit eliminating the need for installing and wiring different pieces.

Integral motor and logic power supplies

The motor and logic power supplies required to operate the stepping motors and associated control logic are both incorporated in one unit. This eliminates the need to install and wire two different power supplies to a separately mounted driver modules. The motor power is unregulated DC voltage; while the logic power is a fully regulated DC output that is maintained within tight regulation (±0.25V) over a large range of input AC voltage.

Models to drive one or two motors

The single motor drivers are commonly used. However, in a multi-axis control application, the dual driver models are a very cost effective and space saving alternative. In the single as well as dual driver models, the voltage and current ratings are provided to allow maximum motor torque without exceeding the safe operating voltage and current limits. When operating two drivers from one power supply, the effect of regenerative energy must be considered to assure safe operation of the drivers.

Space saving compact power module provides mounting studs for motor drivers

The StepperPower™ modules, series BVU6000, feature a transformer with high efficiency and excellent regulation that assures a compact physical size. They are assembled on space saving L– or U– shaped chassis. PEM nuts for mounting the driver modules are provided on one side of the L-bracket and on both sides of the U-chassis. Once the drivers are mounted on the power module, they become fully self-contained units without any need of external components. The outputs are lead wires that can be wired directly to the screw terminal connector available on the driver modules. This simplifies the installation and saves wiring time.

Input taps to match actual line voltages

As the motor power is unregulated, it tends to vary with the input line voltage. For example, if a high line is applied at the 120VAC tap, the motor output voltage may exceed the safe operating limit of the driver and cause damage. The taps are provided so that in high line locations, the output voltage can be kept within the safe operating limit by using the corresponding tap. The logic power is regulated and is not affected by the input line voltage over a wide range (95V AC to 135V AC when connected to 120V AC tap).

Custom designs to match other applications

PowerVolt will design any other custom units to match your application. Please call us for quotes.

Specifications

Input Power:120V AC, 50/60Hz nominal; taps at 126V AC and 132 VAC (optional 240V AC input with taps at 252V AC and 264V AC)

Output Power: See table at the right

Output Ripple: 3% r.m.s. maximum at nominal line and full rated load

Operating Temp.: 0°C to 50°C full rated load (derate 2% per °C to 70°C)

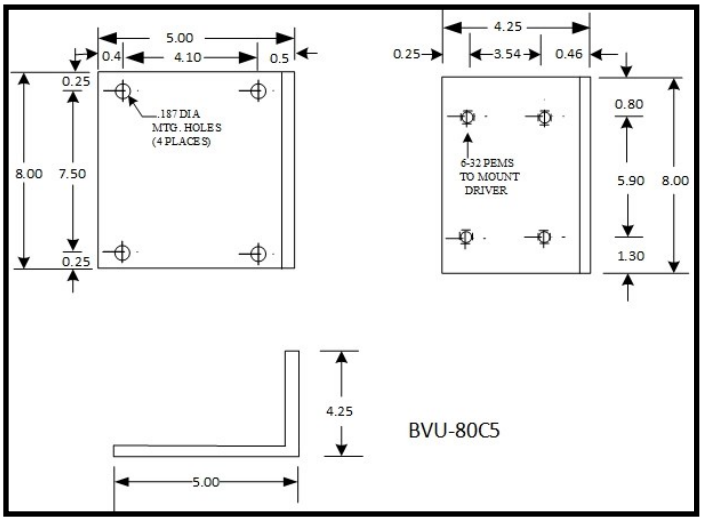
Storage Temp.: (-)25°C to 85°C

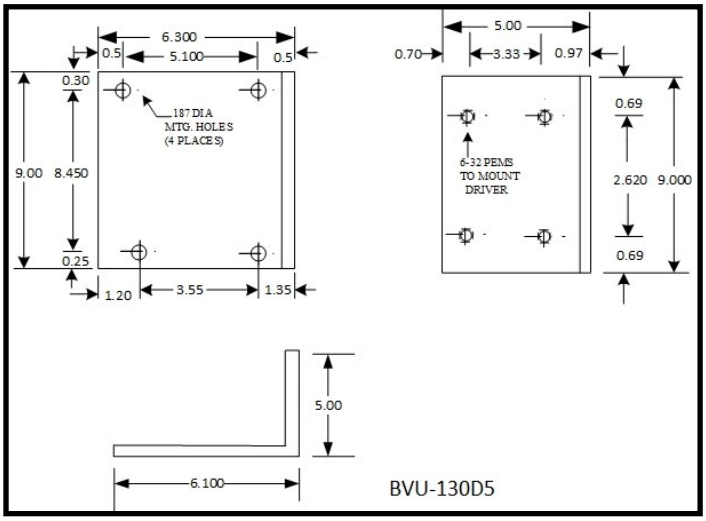
Humidity: 95% Non-condensing

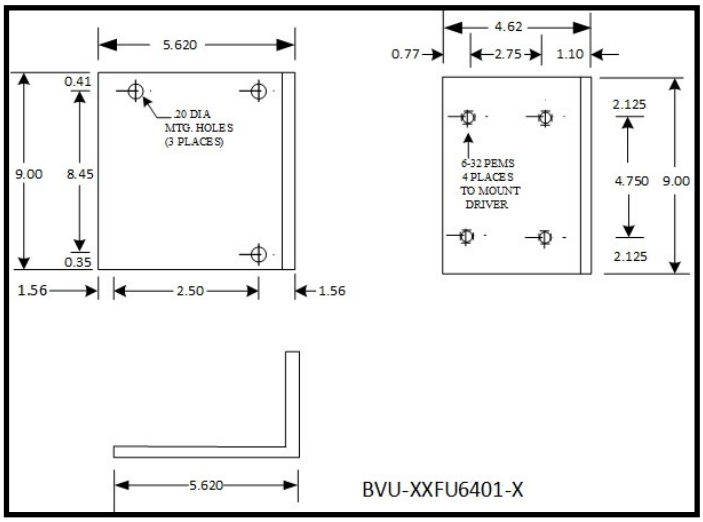
Logic Power: ±0.25V AC Regulation

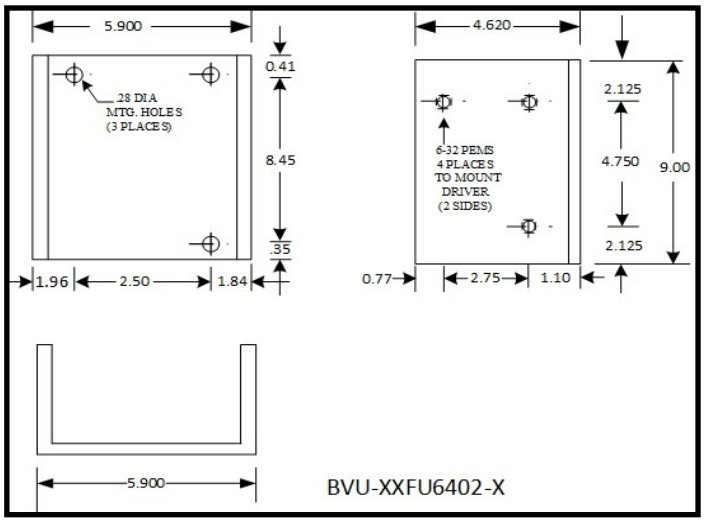
MODEL*	MOTOR POWER		LOGIC POWER
	Approximate No Load (VDC)	Approximate Under Load (VDC)	Regulated (VDC)
BVU75FU6401-1	70V	62V @ 5A	None
BVU75FU6402-1	70V	2 x 62V @ 5A	None
BVU48FU6401-1	57V	48V @ 5A	None
BVU48FU6402-1	57V	2 X 48V @ 5A	None
BVU24FU6401-1	29V	24V @ 5A	None
BVU24FU6402-1	29V	2 X 24V @ 5A	None
BVU80C5	88V	80V @ 5A	None
BVU80D8	88V	80V @ 8A	None
BVU130D5	133V	122V @ 5A	None

*** Suffix *-1 specifies 120VAC Input**









Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

Three Phase Open Frame
DC Power Supplies
Series: BVZ



- **Unregulated DC Output**
- **480V, 3-phase input eliminates need for step-down transformer**
- **Field selectable 430/460/480/500/530V input taps**
- **Finger-safe and creepage-proof screw terminal Connections**
- **Up to 800 watts unregulated output**

The three phase open frame DC Power Supplies, Series BVZ, features and economical design to provide DC power source from a three phase line input of 480VAC±10%. Direct connection to the high voltage line eliminates the requirement for a step-down control transformer, making the overall project more economical and compact in physical size. Separate primary and secondary windings provide good isolation between the line and load sides.

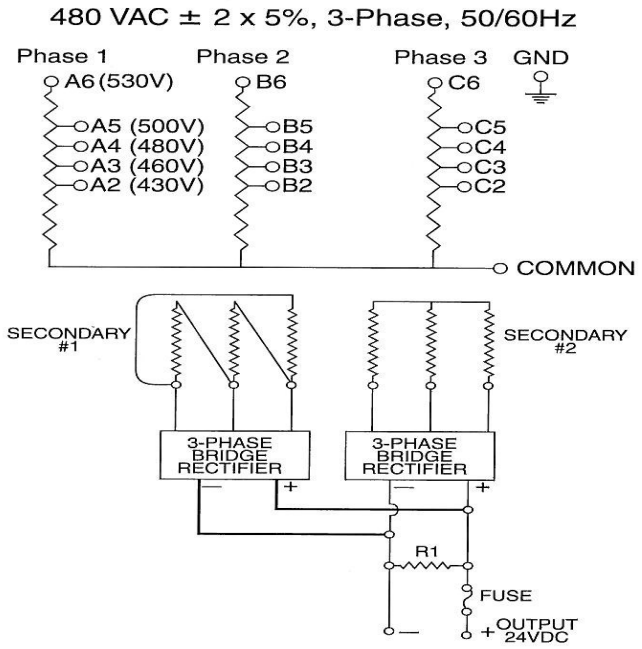
For enhanced protection rating of the Series BVZ transformers, all connections are made through the creepage-proof terminals with screw and tab connection. The terminals are protected against finger touch or contact with the back of the hand in accordance with the Accident Prevention Regulations (VBG4).

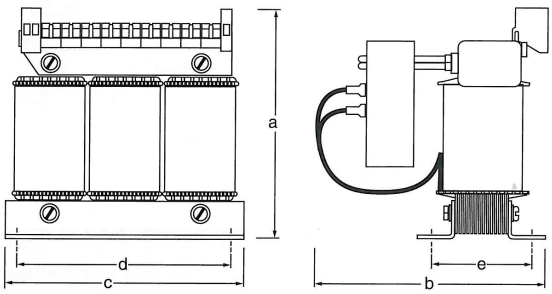
Specifications:

AC Input:
430/460/480/500/530 VAC, 3 phase, 50/60Hz
DC Output:
24V DC, current rating see chart
Ripple:
5%rms maximum at nominal line and full load
Operating Temperature:
0°C to 40ºC full rated load (derate 2% per °C to 70°C)
Overload and Short Circuit Protection:
Fused output

Applications:

- **DC Motors - Stepping and Servos**
- **Solenoid Valves**
- **Relays**
- **Lamps and Signal Systems**
- **Input to On-Board Regulators**
- **Drive Controls**





Three Phase Open Frame
DC Power Supplies
Series: BVZ

Part No.	Case Size	Output	Approx. Dimensions (inches)					Weight (lbs.)
			a	b	c	d	e	
BVZ-24TA5	TA	24V @ 5A	7.00	6.00	8.00	5.00	2.37	11
BVZ-24TB10	TB	24V @ 10A	7.00	6.50	8.00	5.00	2.87	15.5
BVZ-24TC15	TC	24V @ 15A	8.37	6.00	9.00	6.75	2.75	18
BVZ-24TD20	TD	24V 20A	8.37	6.50	9.00	6.75	3.12	24
BVZ-24TE25	TE	24V @ 25A	8.37	6.50	9.00	6.75	3.12	26
BVZA-24TF30	TF	24V @ 30A	8.37	6.50	9.00	6.75	3.12	28

Unregulated DC Power Supplies Open Frame

Series: BVU

- **Low cost unregulated DC power supplies**
- **Field selectable input taps 103/115/126/207/230/253 VAC**
  VAC for fine-tuning output to match actual field conditions
- **Improved ripple –3% maximum**
- **Fuse protected output**
- **Computer grade capacitors**
- **Floating output provides versatility for wiring**
- **Up to 1000 watts unregulated output**



Agency Approvals:

- **UL File # E181899**
- **CE Marked**

The BVU Series

The BVU Series or unregulated DC power supplies is the best low cost Alternative, where moderate output variations and AC ripple are acceptable. The field selectable input taps allow fine tuning the out put voltage to match actual field conditions. The DC output is fused for short circuit protection. For maximum versatility, the output is floating and may be referenced to Another low voltage common ground or placed in series with other DC power supplies.

Applications:

- **DC Motors - Stepping and Servos**
- **Solenoid Valves**
- **Relays**
- **Lamps and Signal Systems**
- **Input to 3-terminal on-board regulators**
- **Drive Controls**

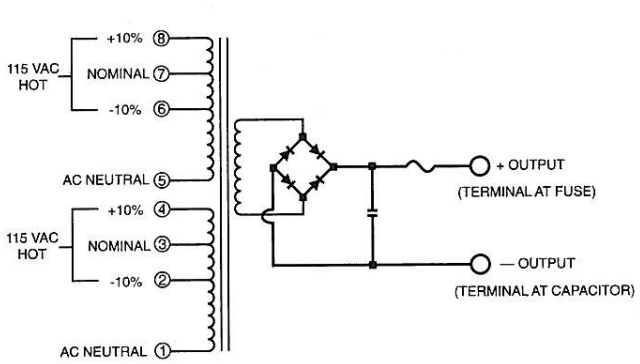
Tap (VAC)	Nominal (VAC)	High Line (VAC)
115,-10%	103.5	113.9
115,NOM	115	126.5
115,+10%	126.5	139.2
230,-10%	207	227.7
230,NOM	230	253.0
230,+10%	253	278.3

Input Connections For BVU Series						
INPUT VAC	103.5	115	126.5	207	230	253
JUMPER	1-5 2-6	1-5 3-7	1-5 4-8	2-5	3-5	4-5
INPUT APPLY	1-2	1-3	1-4	1-6	1-7	1-8
FUSE AT	See Unit ID Label					

Specifications:

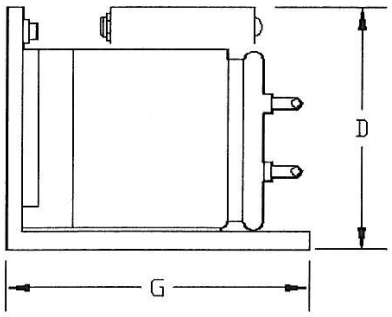
AC Input:
115/230VAC, 50/60Hz nominal.
DC Output:
Floating fixed output at full load ratings (see table). Transformer taps provided for approx. 10% output voltage adjustment.
Ripple:
3% r.m.s maximum at nominal line and full rated load.
Operating Temperature:
0-50°C (Derate 2% per °C to 70°C)
Overload and Short Circuit Protection:
Fused output. It should be noted that the fuse is not necessarily direct in line with the output. In most models the fuse is prior to the output capacitor and in case of a short circuit, the capacitor energy will be discharged into the load even if the fuse has opened.

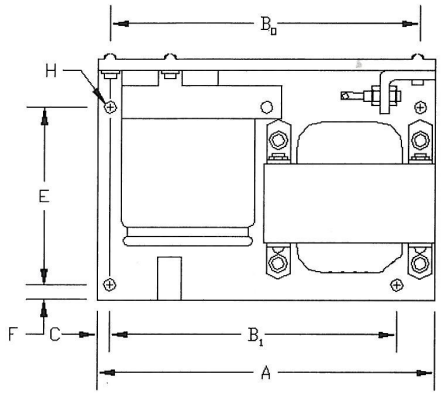
Schematic shows transformer taps provided for approx. +/-10% output voltage adjustment. Typical full load output voltage at 115VAC input using taps 1 and 3. For 10% higher output voltage use taps 1 and 2. For 10% lower output voltage use taps 1 and 4.



Unregulated DC Power Supplies Open Frame

Series: BVU





Dimensions										
Case Size	A	Bo	B1	C	D	E	F	G	H (dia)	Wt. (lbs)
AU	4.62	4.00	NA	.31	2.09	1.60	.31	2.75	.20	1.7
BU	5.88	5.38	NA	.25	2.72	2.19	.31	3.25	.22	2.6
CU	6.25	5.65	5.15	.25	3.00	2.73	.35	3.71	.22	4.0
DU	7.12	6.42	5,87	.35	3.25	2.88	.30	4.00	.22	6.7
EU	8.10	7.50	6.90	.25	3.88	3.80	.30	5.00	.26	12.2
FU	9.00	8.24	NA	.35	4.62	2.50	1.56	5.62	.28	20.0
GU	9.50	8.50	NA	.50	5.56	6.62	.50	8.00	.28	28.5

Part Number	Typical DC Output (@ nominal input and full load)
BVU-7AU1.8	7.5V @ 1.8A
BVU-12AU1.2	11V @ 1.2A
BVU-16AU0.9	17V @ 0.9A
BVU-20AU0.75	19.8V @ 0.75A
BVU-24AU0.6	25V @ 0.6A
BVU-48AU0.3	48V @ 0.3A
BVU-120AU0.12	113V @ 0.12A
BVU-250AU0.05	247V @ 0.05A
BVU-7BU3	7.5V @ 3A
BVU-12BU2.4	12V @ 2.4A
BVU-16BU1.8	16V @ 1.8A
BVU-20BU1.5	19.8V @ 1.5A
BVU-24BU1.2	26.5V @ 1.2A
BVU-48BU0.6	48V @ 0.6A
BVU-120BU0.25	120V @ 0.25A
BVU-250BU0.1	248V @ 0.1A
BVU-7CU6	7.5V @ 6A
BVU-12CU4.8	12V @ 4.8A
BVU-16CU3.6	16V @ 3.6A
BVU-20CU3	19.8V @ 3A
BVU-24CU2.4	26.5V @ 2.4A
BVU-48CU1.2	48V @ 1.2A

Part Number	Typical DC Output (@ nominal input and full load)
BVU-7DU10	8.5V @ 10A
BVU-12DU7	12.5V @ 7A
BVU-16DU6	17V @ 6A
BVU-20DU5	19.48V @ 5A
BVU-24DU3.5	25.5V @ 3.5A
BVU-48DU1.8	48V @ 1.2A
BVU-7EU20	9V @ 20A
BVU-12EU15	12.4V @ 15A
BVU-16EU12.5	16.5V @ 12.5A
BVU-20EU10	20V @ 10A
BVU-24EU7.5	27.5V @ 7.5A
BVU-45EU6	45V @ 6.0A
BVU-48EU4	47V @ 4A
BVU-72EU3	72V @ 3A
BVU-24FU20	24.6V @ 20A
BVU-45FU12	45V @ 12A
BVU-48FU10	48.4V @ 10A
BVU-75FU5	75V @ 5A
BVU-24GU30	24.6V @ 30A
BVU-48GU15	48V @ 15A
BVU-65GU15	65V @ 15A
BVU-75GU10	75V @ 10A

Any application, Any requirement, Contact us for our Custom Designs

Wabash Transformer 300 W Factory Road, Addison IL 60101 ● Phone: (630) 628-9999 ● Fax: (630) 628-9922 ● www.wabashtransformer.com

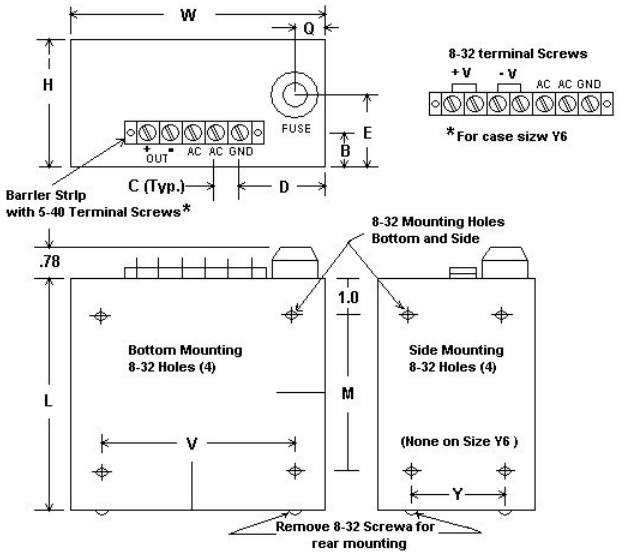
Unregulated DC Power Supplies Enclosed Case
Series: UPV

- **Low cost DC Power; ideal for motors, relays, solenoids, lamps**
- **115 VAC input standard; optional 230 VAC input**
- **Up to 300 watts unregulated output**
- **Terminal strip for easy wiring**
- **Perforated cover for efficient cooling**
- **Optional mounting ears for installation without opening up cover**
- **Fused AC input**
- **2-year warranty**



Specifications

Input Voltage:
0-125 VAC (Variac not included)
(optional 0-250 VAC), 50-400 Hz
Output Voltage:
See table
Output Current:
See table
Ripple:
See table
Load Regulation:
Nominal output voltage is based on 115 VAC (or 230 VAC) input at approximately 50% of rated current
Line Regulation:
With fixed load, output voltage change is proportional to the input voltage change
Output Voltage Adjustment:
An adjustable autotransformer (not included) can be used to adjust output voltage by varying AC input
Polarity:
Output is floating, either positive or negative terminal may be grounded or floated up to 300V above ground
Ambient Temperature:
-10 to + 65 °C, No derating required
Storage Temperature:
-55 to +85 °C



Dimensions												
Size	**L**	**W**	**H**	**M**	**V**	**Y**	**Q**	**E**	**B**	**D**	**C**	**Lbs.**
Y3	3.71	5.12	3.44	1.62	4.5	3	.56	1.37	.75	1.44	.375	3
Y5	5.09	5.12	3.44	3	4.5	3	.56	1.37	.75	1.44	.375	5
Y6	6.59	5.12	3.44	4	4.5	3	.56	1.37	.75	1.44	.375	8

Part No.	Case Size	Nominal Output (VDC)	Output (Amps)	Ripple (Vrms)	Output Voltage N/L to F/L (VDC)
UPV-7Y31	Y3	7	1.0	0.8	7.7 to 6.3
UPV-8Y30.4	Y3	8	0.4	0.4	8.8 to 7.2
UPV-9Y31	Y3	9	1.0	0.7	9.9 to 8.1
UPV-9Y610	Y6	9	10.0	2.3	11.5 to 7.5
UPV-12Y31.5	Y3	12	1.5	2.5	14.9 to 10.9
UPV-12Y610	Y6	12	10.0	2.3	14.1 to 9.8
UPV-16Y31	Y3	16	1.5	0.7	17.6 to 14.4
UPV-16Y610	Y6	16	10.0	2.3	18.8 to 14.2
UPV-20Y610	Y6	20	10.0	2.4	23.7 to 18.3
UPV-24Y31	Y3	24	1.0	1.7	26.4 to 21.6
UPV-24Y65	Y6	24	5.0	2.5	26.5 to 21.0
UPV-24Y610	Y6	24	10.0	2.4	26.8 to 21.4
UPV-35Y52	Y5	35	2.0	1.5	38.5 to 31.5
UPV-35Y65	Y6	35	5.0	3.3	38.0 to 30.0
UPV-40Y52	Y5	40	2.0	1.5	44.0 to 36.0
UPV-40Y65	Y6	40	5.0	3.3	45.0 to 37.0
UPV-48Y30.4	Y3	48	0.4	0.6	52.8 to 43.2
UPV-60Y51	Y5	60	1.0	2.8	65.3 to 53.0
UPV-60Y30.25	Y3	65	0.25	0.4	71.5 to 58.5

Ask for specials. Custom variations quoted and shipped promptly.

International Power Transformer
Series: VDE - Printed Circuit Mount

Cross References

Wabash	PowerVolt	Prem	Tamura	Signal	Premier	Thordarson	Triad	Hammond	Stancor	MCI	Ensign
VDE-025P-10	14P-2.5R-10	SPW-1000	PL2.5-10-130B	14A-2.5R-10	PVD-102	TIPC-10-2.5	VPP-10-250	183E10	NA	4-44-3010	IP002-2-010
VDE-025P-12	14P-2.5R-12	SPW-1001	PL2.5-12-130B	14A-2.5R-12	PVD-122	TIPC-12-2.5	VPP-12-200	183E12	NA	4-44-3012	IP002-2-012
VDE-025P-16	14P-2.5R-16	SPW-1002	PL2.5-16-130B	14A-2.5R-16	PVD-162	TIPC-16-2.5	VPP-16-150	183E16	NA	4-44-3016	IP002-2-016
VDE-025P-20	14P-2.5R-20	SPW-1003	PL2.5-20-130B	14A-2.5R-20	PVD-202	TIPC-20-2.5	VPP-20-120	183E20	NA	4-44-3020	IP002-2-020
VDE-025P-24	14P-2.5R-24	SPW-1004	PL2.5-24-130B	14A-2.5R-24	PVD-242	TIPC-24-2.5	VPP-24-100	183E24	NA	4-44-3024	IP002-2-024
VDE-025P-28	14P-2.5R-28	SPW-1005	PL2.5-28-130B	14A-2 5R-28	PVD-282	TIPC-28-2.5	VPP-28-090	183E28	NA	4-44-3028	IP002-2-028
VDE-025P-36	14P-2.5R-36	SPW-1006	PL2.5-36-130B	14A-2.5R-36	PVD-362	TIPC-36-2.5	VPP-36-070	183E36	NA	4-44-3036	IP002-2-036
VDE-05P-10	14P-5.0R-10	SPW-1100	PL5.0-10-130B	14A-5.0R-10	PVD-105	TIPC-10-5	VPP-10-500	183F10	TG05-10	4-44-4010	IP005-2-010
VDE-05P-12	14P-5.0R-12	SPW-1101	PL5.0-12-130B	14A-5.0R-12	PVD-125	TIPC-12-5	VPP-12-400	183F12	TG05-12	4-44-4012	IP005-2-012
VDE-05P-16	14P-5.0R-16	SPW-1102	PL5.0-16-130B	14A-5.0R-16	PVD-165	TIPC-16-5	VPP-16-300	183F16	TG05-16	4-44-4016	IP005-2-016
VDE-05P-20	14P-5.0R-20	SPW-1103	PL5.0-20-130B	14A-5.0R-20	PVD-205	TIPC-20-5	VPP-20-250	183F20	TG05-20	4-44-4020	IP005-2-020
VDE-05P-24	14P-5.0R-24	SPW-1104	PL5.0-24-130B	14A-5.0R-24	PVD-245	TIPC-24-5	VPP-24-210	183F24	TG05-24	4-44-4024	IP005-2-024
VDE-05P-28	14P-5.0R-28	SPW-1105	PL5.0-28-130B	14A-5.0R-28	PVD-285	TIPC-28-5	VPP-28-180	183F28	TG05-28	4-44-4028	IP005-2-028
VDE-05P-36	14P-5.0R-36	SPW-1106	PL5.0-36-130B	14A-5.0R-36	PVD-365	TIPC-36-5	VPP-36-140	183F36	TG05-36	4-44-4036	IP005-2-036
VDE-10P-10	14P-10R-10	SPW-1200	PL10-10-130B	14A-10R-10	PVD-1010	TIPC-10-10	VPP-10-1000	183G10	TG10-10	4-44-5010	IP010-2-010
VDE-10P-12	14P-10R-12	SPW-1201	PL10-12-130B	14A-10R-12	PVD-1210	TIPC-12-10	VPP-12-800	183G12	TG10-12	4-44-5012	IP010-2-012
VDE-10P-16	14P-10R-16	SPW-1202	PL10-16-130B	14A-10R-16	PVD-1610	TIPC-16-10	VPP-16-620	183G16	TG10-16	4-44-5016	IP010-2-016
VDE-10P-20	14P-10R-20	SPW-1203	PL10-20-130B	14A-10R-20	PVD-2010	TIPC-20-10	VPP-20-500	183G20	TG10-20	4-44-5020	IP010-2-020
VDE-10P-24	14P-10R-24	SPW-1204	PL10-24-130B	14A-10R-24	PVD-2410	TIPC-24-10	VPP-24-420	183G24	TG10-24	4-44-5024	IP010-2-024
VDE-10P-28	14P-10R-28	SPW-1205	PL10-28-130B	14A-10R-28	PVD-2810	TIPC-28-10	VPP-28-360	183G28	TG10-28	4-44-5028	IP010-2-028
VDE-10P-36	14P-10R-36	SPW-1206	PL10-36-130B	14A-10R-36	PVD-3610	TIPC-36-10	VPP-36-280	183G36	TG10-36	4-44-5036	IP010-2-036
VDE-20P-10	14P-20-10	SPW-1300	PL20-10-130B	14A-20-10	PVD-1020	TIPC-20-10	VPP-10-2000	183H10	TG20-10	4-44-6010	IP020-2-010
VDE-20P-12	14P-20-12	SPW-1301	PL20-12-130B	14A 20-12	PVD-1220	TIPC-12-20	VPP12-1600	183H12	TG20-12	4-44-6012	IP020-2-012
VDE-20P-16	14P-20-16	SPW-1302	PL20-16-130B	14A-20-16	PVD-1620	TIPC-16-20	VPP16-1250	183H16	TG20-16	4-44-6016	IP020-2-016
VDE-20P-20	14P-20-20	SPW-1303	PL20-20-130B	14A-20-20	PVD-2020	TIPC-20-20	VPP20-1000	183H20	TG20-20	4-44-6020	IP020-2-020
VDE-20P-24	14P-20-24	SPW-1304	PL20-24-130B	14A-20-24	PVD-2420	TIPC-24-20	VPP24-830	183H24	TG20-24	4-44-6024	IP020-2-024
VDE-20P-28	14P-20-28	SPW-1305	PL20-28-130B	14A-20-28	PVD-2820	TIPC-28-20	VPP28-720	183H28	TG20-28	4-44-6028	IP020-2-028
VDE-20P-36	14P-20-36	SPW-1306	PL20-36-130B	14A-20-36	PVD-3620	TIPC-36-20	VPP36-560	183H36	TG20-36	4-44-6036	IP020-2-036
VDE-30LP-10	14P-30-10	NA	PL30-10-130B	14A-30-10	NA	NA	VPP10-3000	183J10	TG30-10	4-44-7010	IP030-2-010
VDE-30LP-126	14P-30-12	NA	PL30-12-130B	14A-30-12	NA	NA	VPP12-2400	183J12	TG30-12	4-44-7012	IP030-2-012
VDE-30LP-16	14P-30-16	NA	PL30-16-130B	14A-30-16	NA	NA	VPP16-1900	183J16	TG30-16	4-44-7016	IP030-2-016
VDE-30LP-20	14P-30-20	NA	PL30-20-130B	14A-30-20	NA	NA	VPP20-1500	183J20	TG30-20	4-44-7020	IP030-2-020
VDE-30LP-24	14P30-24	NA	PL30-24-130B	14A-30-24	NA	NA	VPP24-1250	183J24	TG30-24	4-44-7024	IP030-2-024
VDE-30LP-28	14P-30-28	NA	PL30-28-130B	14A-30-28	NA	NA	VPP28-1060	183J28	TG30-28	4-44-7028	IP030-2-028
VDE-30LP-36	14P-30-36	NA	PL30-36-130B	14A-30-36	NA	NA	VPP36-820	183J36	TG30-36	4-44-7036	IP030-2-036
VDE-56LP-10	14P-56-10	NA	PL56-10-130B	14A-56-10	NA	NA	VPP10-5600	183K10	TG56-10	4-44-8010	IP056-2-010
VDE-56LP-126	14P-56-12	NA	PL56-12-130B	14A-56-12	NA	NA	VPP12-4400	183K12	TG56-12	4-44-8012	IP056-2-012
VDE-56LP-16	14P-56-16	NA	PL56-16-130B	14A-56-16	NA	NA	VPP16-3500	183K16	TG56-16	4-44-8016	IP056-2-016
VDE-56LP-20	14P-56-20	NA	PL56-20-130B	14A-56-20	NA	NA	VPP20-2800	183K20	TG56-20	4-44-8020	IP056-2-020
VDE-56LP-24	14P-56-24	NA	PL56-24-130B	14A-56-24	NA	NA	VPP24-2330	183K24	TG56-24	4-44-8024	IP056-2-024
VDE-56LP-28	14P-56-28	NA	PL56-28-130B	14A-56-28	NA	NA	VPP28-2000	183K28	TG56-28	4-44-8028	IP056-2-028
VDE-56LP-36	14P-56-36	NA	PL56-36-130B	14A-56-36	NA	NA	VPP36-1560	183K36	TG56-36	4-44-8036	IP056-2-036

International Power Transformer
Series: VDE - Quick-Connect Terminals

Cross References

Wabash	PowerVolt	Signal	Triad	Hammond	Thordarson	MCI	Renco	Ensign
VDE-25T-10	P41-25-10	A41-25-10	VPS10-2500	185C10	TIVL-10-25	4-49-4010	RL-2260-25-10	IT025-2-010
VDE-43T-10	P41-43-10	A41-43-10	VPS10-4300	185D10	TIVL-10-43	4-49-5010	RL-2260-43-10	IT043-2-010
VDE-80T-10	P41-80-10	A41-80-10	VPS10-8000	185E10	TIVL-10-80	4-49-6010	RL-2260-80-10	IT080-2-010
VDE-130T-10	P41-130-10	A41-130-10	VPS10-13000	185F10	TIVL-10-130	4-49-7010	RL-2260-130-10	IT130-2-010
VDE-175T-10	P41-175-10	A41-175-10	VPS10-17500	185G10	TIVL-10-175	4-49-8010	RL-2260-175-10	IT175-2-010
VDE-25T-126	P41-25-12	A41-25-12	VPS12-2000	185C12	TIVL-12-25	4-49-4012	RL-2260-25-12	IT025-2-012
VDE-43T-126	P41-43-12	A41-43-12	VPS12-3400	185D12	TIVL-12-43	4-49-5012	RL-2260-43-12	IT043-2-012
VDE-80T-126	P41-80-12	A41-80-12	VPS12-6300	185E12	TIVL-12-80	4-49-6012	RL-2260-80-12	IT080-2-012
VDE-130T-126	P41-130-12	A41-130-12	VPS12-10300	185F12	TIVL-12-130	4-49-7012	RL-2260-130-12	IT130-2-012
VDE-175T-126	P41-175-12	A41-175-12	VPS12-14000	185G12	TIVL-12-175	4-49-8012	RL-2260-175-12	IT175-2-012
VDE-25T-16	P41-25-16	A41-25-16	VPS16-1600	185C16	TIVL-16-25	4-49-4016	RL-2260-25-16	IT025-2-016
VDE-43T-16	P41-43-16	A41-43-16	VPS16-2700	185D16	TIVL-16-43	4-49-5016	RL-2260-43-16	IT043-2-016
VDE-80T-16	P41-80-16	A41-80-16	VPS16-5000	185E16	TIVL-16-80	4-49-6016	RL-2260-80-16	IT080-2-016
VDE-130T-16	P41-130-16	A41-130-16	VPS16-8100	185F16	TIVL-16-130	4-49-7016	RL-2260-130-16	IT130-2-016
VDE-175T-16	P41-175-16	A41-175-16	VPS16-11000	185G16	TIVL-16-175	4-49-8016	RL-2260-175-16	IT175-2-016
VDE-25T-20	P41-25-20	A41-25-20	VPS20-1250	185C20	TIVL-20-25	4-49-4020	RL-2260-25-20	IT025-2-020
VDE-43T-20	P41-43-20	A41-43-20	VPS20-2200	185D20	TIVL-20-43	4-49-5020	RL-2260-43-20	IT043-2-020
VDE-80T-20	P41-80-20	A41-80-20	VPS20-4000	185E20	TIVL-20-80	4-49-6020	RL-2260-80-20	IT080-2-020
VDE-130T-20	P41-130-20	A41-130-20	VPS20-6500	185F20	TIVL-20-130	4-49-7020	RL-2260-130-20	IT130-2-020
VDE-175T-20	P41-175-20	A41-175-20	VPS20-8800	185G20	TIVL-20-175	4-49-8020	RL-2260-175-20	IT175-2-020
VDE-25T-24	P41-25-24	A41-25-24	VPS24-1000	185C24	TIVL-24-25	4-49-4024	RL-2260-25-24	IT025-2-024
VDE-43T-24	P41-43-24	A41-43-24	VPS24-1800	185D24	TIVL-24-43	4-49-5024	RL-2260-43-24	IT043-2-024
VDE-80T-24	P41-80-24	A41-80-24	VPS24-3300	185E24	TIVL-24-80	4-49-6024	RL-2260-80-24	IT080-2-024
VDE-130T-24	P41-130-24	A41-130-24	VPS24-5400	185F24	TIVL-24-130	4-49-7024	RL-2260-130-24	IT130-2-024
VDE-175T-24	P41-175-24	A41-175-24	VPS24-7300	185G24	TIVL-24-175	4-49-8024	RL-2260-175-24	IT175-2-024
VDE-25T-28	P41-25-28	A41-25-28	VPS28-900	185C28	TIVL-28-25	4-49-4028	RL-2260-25-28	IT025-2-028
VDE-43T-28	P41-43-28	A41-43-28	VPS28-1500	185D28	TIVL-28-43	4-49-5028	RL-2260-43-28	IT043-2-028
VDE-80T-28	P41-80-28	A41-80-28	VPS28-2800	185E28	TIVL-28-80	4-49-6028	RL-2260-80-28	IT080-2-028
VDE-130T-28	P41-130-28	A41-80-28	VPS28-4600	185F28	TIVL28-130	4-49-7028	RL-2260-130-28	IT130-2-028
VDE-175T-28	P41-175-28	A41-175-28	VPS28-6250	185G28	TIVL-28-175	4-49-8028	RL-2260-175-28	IT175-2-028
VDE-25T-36	P41-25-36	A41-25-36	VPS36-700	185C36	TIVL-36-25	4-49-4036	RL-2260-25-36	IT025-2-036
VDE-43T-36	P41-43-36	A41-43-36	VPS36-1200	185D36	TIVL-36-43	4-49-5036	RL-2260-43-36	IT043-2-036
VDE-80T-36	P41-80-36	A41-80-36	VPS36-2200	185E36	TIVL-36-80	4-49-6036	RL-2260-80-36	IT080-2-036
VDE-130T-36	P41-130-36	A41-130-36	VPS36-3600	185F36	TIVL-36-130	4-49-7036	RL-2260-130-36	IT130-2-036
VDE-175T-36	P41-175-36	A41-175-36	VPS36-4800	185G36	TIVL-36-175	4-49-8036	RL-2260-175-36	IT175-2-036
VDE-25T-230	P41-25-230	A41-25-230	VPS230-110	185C230	TIVL-230-25	4-49-4230	RL-2260-25-230	IT025-2-230
VDE-43T-230	P41-43-230	A41-43-230	VPS230-190	185D230	TIVL-230-43	4-49-5230	RL-2260-43-230	IT043-2-230
VDE-80T-230	P41-80-230	A41-80-230	VPS230-350	185E230	TIVL-230-80	4-49-6230	RL-2260-80-230	IT080-2-230
VDE-130T-230	P41-130-230	A41-130-230	VPS230-570	185F230	TIVL-230-130	4-49-7230	RL-2260-130-230	IT130-2-230
VDE-175T-230	P41-175-230	A41-175-230	VPS230-760	185G230	TIVL-230-175	4-49-8230	RL-2260-175-230	IT175-2-230

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International Power Transformer
Series: VDE - Lead Wires

Cross References

Wabash	Ensign	Signal
VDE-25L-10	IL025-2-010	A41-25-10L
VDE-25L-126	IL025-2-012	A41-25-12L
VDE-25L-16	IL025-2-016	A41-25-16L
VDE-25L-18	IL025-2-018	A41-25-18L
VDE-25L-20	IL025-2-020	A41-25-20L
VDE-25L-24	IL025-2-024	A41-25-24L
VDE-25L-28	IL025-2-028	A41-25-28L
VDE-25L-36	IL025-2-036	A41-25-36L
VDE-43L-10	IL043-2-010	A41-43-10L
VDE-43L-126	IL043-2-012	A41-43-12L
VDE-43L-16	IL043-2-016	A41-43-16L
VDE-43L-18	IL043-2-018	A41-43-18L
VDE-43L-20	IL043-2-020	A41-43-20L
VDE-43L-24	IL043-2-024	A41-43-24L
VDE-43L-28	IL043-2-028	A41-43-28L
VDE-43L-36	IL043-2-036	A41-43-36L
VDE-43L-230	NA	A41-43-230L
VDE-80L-10	IL080-2-010	A41-80-10L
VDE-80L-126	IL080-2-012	A41-80-12L
VDE-80L-16	IL080-2-016	A41-80-16L
VDE-80L-18	IL080-2-018	A41-80-18L
VDE-80L-20	IL080-2-020	A41-80-20L

Wabash	Ensign	Signal
VDE-80L-24	IL080-2-024	A41-80-24L
VDE-80L-28	IL080-2-028	A41-80-28L
VDE-80L-36	IL080-2-036	A41-80-36L
VDE-80L-230	NA	A41-80-230L
VDE-130L-10	IL130-2-010	A41-130-10L
VDE-130L-126	IL130-2-012	A41-130-12L
VDE-130L-16	IL130-2-016	A41-130-16L
VDE-130L-18	IL130-2-018	A41-130-18L
VDE-130L-20	IL130-2-020	A41-130-20L
VDE-130L-24	IL130-2-024	A41-130-24L
VDE-130L-28	IL130-2-028	A41-130-28L
VDE-130L-36	IL130-2-036	A41-130-36L
VDE-130L-230	NA	A41-130-230L
VDE-175L-10	IL175-2-010	A41-175-10L
VDE-175L-126	IL175-2-012	A41-175-12L
VDE-175L-16	IL175-2-016	A41-175-16L
VDE-175L-18	IL175-2-018	A41-175-18L
VDE-175L-20	IL175-2-020	A41-175-20L
VDE-175L-24	IL175-2-024	A41-175-24L
VDE-175L-28	IL175-2-028	A41-175-28L
VDE-175L-36	IL175-2-036	A41-175-36L
VDE-175L-230	NA	A41-175-230L



Cross References are also available online.

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Split Bobbin Power Transformer

Cross References

Series: PSH & PDH - Printed Circuit Mount, Horizontal 6 & 8 Pins

Wabash	PowerVolt	Signal	Prem	Stancor	Tamura	Microtran	Triad	Hammond	Thordarson	Premier	MCI	Zettler	Ensign
PSH-11-10	SZ2-10	ST2-10	SPW-350-S	SW 210	3FS-210	PSS 2-10	F 10-110	164D10	MIM321	PSB-101	4-01-2010	AH20010	P001-1-010
PSH-24-10	SZ3-10	ST3-10	SPW-400-S	SW 310	3FS-310	PSS 3-10	F 10-250	164E10	MIM421	PSB-102	4-01-3010	AH30010	P002-1-010
PSH-06-10	SZ4-10	ST4-10	SPW-500-S	SW 410	3FS-410	PSS 4-10	F 10-600	164F10	MIM521	PSB-106	4-01-4010	AH40010	P006-1-010
PSH-12-10	SZ5-10	ST5-10	SPW-600-S	SW 510	3FS-510	PSS 5-10	F 10-1200	164G10	MIM621	PSB-1012	4-01-5010	AH50010	P012-1-010
PSH-20-10	SZ6-10	ST6-10	SPW-610-S	SW 610	NA	NA	F 10-2000	164H10	MIM720	PSB-1020	4-01-6010	AH60010	P020-1-010
PSH-36-10	SZ7-10	ST7-10	SPW-620-S	NA	NA	NA	F 10-3600	164J10	MIM820	PSB-1036	4-01-7010	NA	P036-1-010
PSH-11-12	SZ2-12	ST2-12	SPW-351-S	SW 212	3FS-212	PSS 2-12	F 12-090	164D12	MIM323	PSB-121	4-01-2012	AH20012	P001-1-012
PSH-24-12	SZ3-12	ST3-12	SPW-401-S	SW 312	3FS-312	PSS 3-12	F 12-200	164E12	MIM423	PSB-122	4-01-3012	AH30012	P002-1-012
PSH-06-12	SZ4-12	ST4-12	SPW-501-S	SW 412	3FS-412	PSS 4-12	F 12-500	164F12	MIM523	PSB-126	4-01-4012	AH40012	P006-1-012
PSH-12-12	SZ5-12	ST5-12	SPW-601-S	SW 512	3FS-512	PSS 5-12	F 12-1000	164G12	MIM623	PSB-1212	4-01-5012	AH50012	P012-1-012
PSH-20-12	SZ6-12	ST6-12	SPW-611-S	SW 612	NA	NA	F 12-1600	164H12	MIM722	PSB-1220	4-01-6012	AH60012	P020-1-012
PSH-36-12	SZ7-12	ST7-12	SPW-621-S	NA	NA	NA	F 12-2850	164J12	MIM822	PSB-1236	4-01-7012	NA	P036-1-012
PSH-11-16	SZ2-16	ST2-16	SPW-352-S	SW 216	3FS-216	PSS 2-16	F 16-070	164D16	MIM325	PSB-161	4-01-2016	AH20016	P001-1-016
PSH-24-16	SZ3-16	ST3-16	SPW-402-S	SW 316	3FS-316	PSS 3-16	F 16-150	164E16	MIM425	PSB-162	4-01-3016	AH30016	P002-1-016
PSH-06-16	SZ4-16	ST4-16	SPW-502-S	SW 416	3FS-416	PSS 4-16	F 16-400	164F16	MIM525	PSB-166	4-01-4016	AH40016	P006-1-016
PSH-12-16	SZ5-16	ST5-16	SPW-602-S	SW 516	3FS-516	PSS 5-16	F 16-800	164G16	MIM625	PSB1612	4-01-5016	AH50016	P012-1-016
PSH-20-16	SZ6-16	ST6-16	SPW-612-S	SW 616	NA	NA	F 16-1250	164H16	MIM724	PSB-1620	4-01-6016	AH60016	P020-1-016
PSH-36-16	SZ7-16	ST7-16	SPW-622-S	NA	NA	NA	F 16-2250	164J16	MIM824	PSB-1636	4-01-7016	NA	P036-1-016
PSH-11-20	SZ2-20	ST2-20	SPW-353-S	SW 220	3FS-220	PSS 2-20	F 20-055	164D20	MIM327	PSB-201	4-01-2020	AH20020	P001-1-020
PSH-24-20	SZ3-20	ST3-20	SPW-403-S	SW 320	3FS-320	PSS 3-20	F 20-120	164E20	MIM427	PSB-202	4-01-3020	AH30020	P002-1-020
PSH-06-20	SZ4-20	ST4-20	SPW-503-S	SW 420	3FS-420	PSS 4-20	F 20-300	164F20	MIM527	PSB-206	4-01-4020	AH40020	P006-1-020
PSH-12-20	SZ5-20	ST5-20	SPW-603-S	SW 520	3FS-520	PSS 5-20	F 20-600	164G20	MIM627	PSB-2012-D	4-01-5020	AH50020	P012-1-020
PSH-20-20	SZ6-20	ST6-20	SPW-613-S	SW 620	NA	NA	F 20-1000	164H20	MIM726	PSB-2020	4-01-6020	AH60020	P020-1-020
PSH-36-20	SZ7-20	ST7-20	SPW-623-S	NA	NA	NA	F 20-1800	164J20	MIM826	PSB-2036	4-01-7020	NA	P036-1-020
PSH-11-24	SZ2-24	ST2-24	SPW-354-S	SW 224	3FS-224	PSS 2-24	F 24-045	164D24	MIM329	PSB-241	4-01-2024	AH20024	P001-1-024
PSH-24-24	SZ3-24	ST3-24	SPW-404-S	SW 324	3FS-324	PSS 3-24	F 24-100	164E24	MIM429	PSB-242	4-01-3024	AH30024	P002-1-024
PSH-06-24	SZ4-24	ST4-24	SPW-504-S	SW 424	3FS-424	PSS 4-24	F 24-250	164F24	MIM829	PSB-246	4-01-4024	AH40024	P006-1-024
PSH-12-24	SZ5-24	ST5-24	SPW-604-S	SW 524	3FS-524	PSS 5-24	F 24-500	164G24	MIM629	PSB-2412	4-01-5024	AH50024	P012-1-024
PSH-20-24	SZ6-24	ST6-24	SPW-614-S	SW 624	NA	NA	F 24 800	164H24	MIM728	PSB-2420	4-01-6024	AH60024	P020-1-024
PSH-36-24	SZ7-24	ST7-24	SPW-624-S	NA	NA	NA	F 24-1500	164J24	MIM828	PSB-2436	4-01-7024	NA	P036-1-024
PSH-11-28	SZ2-28	ST2-28	SPW-355-S	SW 228	3FS-228	PSS 2-28	F 28-040	164D28	MIM331	PSB-281	4-01-2028	AH20028	P001-1-028
PSH-24-28	SZ3-28	ST3-28	SPW-405-S	SW 328	3FS-328	PSS 3-28	F 28-85	164E28	MIM431	PSB-282	4-01-3028	AH30028	P002-1-028
PSH-06-28	SZ4-28	ST4-28	SPW-505-S	SW 428	3FS-428	PSS 4-28	F 28-200	164F28	MIM531	PSB-286	4-04-4028	AH40028	P006-1-028
PSH-12-28	SZ5-28	ST5-28	SPW-605-S	SW 528	3FS-528	PSS 5-28	F 28-420	164G28	MIM631	PSB-2812	4-01-5028	AH50028	P012-1-028
PSH-20-28	SZ6-28	ST6-28	SPW-615-S	SW 628	NA	NA	F 28-700	164H28	MIM730	PSB-2820	4-01-6028	AH60028	P020-1-028
PSH-36-28	SZ7-28	ST7-28	SPW-625-S	NA	NA	NA	F 28-1300	164J28	MIM830	PSB-3636	4-01-7028	NA	P036-1-028
PSH-11-36	SZ2-36	ST2-36	SPW-356-S	SW 236	3FS-236	PSS 2-36	F 36-030	164D36	MIM333	PSB-361	4-01-2036	AH20036	P001-1-036
PSH-24-36	SZ3-36	ST3-36	SPW-406-S	SW 336	3FS-336	PSS 3-36	F 36-65	164E36	MIM433	PSB-362	4-01-3036	AH30036	P002-1-036
PSH-06-36	SZ4-36	ST4-36	SPW-506-S	SW 436	3FS-436	PSS 4-36	F 36-170	164F36	MIM533	PSB-366	4-01-4036	AH40036	P006-1-036
PSH-12-36	SZ5-36	ST5-36	SPW-606-S	SW 536	3FS-536	PSS 5-36	F 36-350	164G36	MIM633	PSB-3612	4-01-5036	AH50036	P012-1-036
PSH-20-36	SZ6-36	ST6-36	SPW-616-S	SW 636	NA	NA	F 36-550	164H36	MIM732	PSB-3620	4-01-6036	AH60036	P020-1-036
PSH-36-36	SZ7-36	ST7-36	SPW-626-S	NA	NA	NA	F 36-1000	164J36	MIM832	PSB-3636	4-01-7036	NA	P036-1-036
PSH-11-48	SZ2-48	ST2-48	SPW-357-S	SW 248	3FS-248	PSS 2-48	F 48-023	164D48	MIM335	PSB-481	4-01-2048	AH20048	P001-1-048
PSH-24-48	SZ3-48	ST3-48	SPW-407-S	SW 348	3FS-348	PSS 3-48	F 48-050	164E48	MIM435	PSB-482	4-01-3048	AH30048	P002-1-048
PSH-06-48	SZ4-48	ST4-48	SPW-507-S	SW 448	3FS-448	PSS 4-48	F 48-125	164F48	MIM535	PSB-486	4-01-4048	AH40048	P006-1-048
PSH-12-48	SZ5-48	ST5-48	SPW-607-S	SW 548	3FS-548	PSS 5-48	F 48-250	164G48	MIM635	PSB-4812	4-01-5048	AH50048	P012-1-048
PSH-20-48	SZ6-48	ST6-48	SPW-617-S	SW 648	NA	NA	F 48-400	164H48	MIM734	PSB-4820	4-01-6048	AH60048	P020-1-048
PSH-36-48	SZ7-48	ST7-48	SPW-627-S	NA	NA	NA	F 48-750	164J48	MIM834	PSB-4836	4-01-7048	NA	P036-1-048
PSH-11-56	SZ2-56	ST2-56	SPW-358-S	SW 256	3FS-256	PSS 2-56	F 56-020	164D56	MIM337	PSB-561	4-01-2056	AH20056	P001-1-056
PSH-24-56	SZ3-56	ST3-56	SPW-408-S	SW 356	3FS-356	PSS 3-56	F 56-045	164E56	MIM437	PSB-562	4-01-3056	AH30056	P002-1-056
PSH-06-56	SZ4-56	ST4-56	SPW-508-S	SW 456	3FS-456	PSS 4-56	F 56-110	164F56	MIM537	PSB-566	4-01-4056	AH40056	P006-1-048
PSH-12-56	SZ5-56	ST5-56	SPW-608-S	SW 556	3FS-556	PSS 5-56	F 56-220	164G56	MIM637	PSB-5612	4-01-5056	AH50056	P012-1-048
PSH-20-56	SZ6-56	ST6-56	SPW-618-S	SW 656	NA	NA	F 56-350	164H56	MIM736	PSB-5620	4-01-6056	AH60056	P020-1-048
PSH-36-56	SZ7-56	ST7-56	SPW-628-S	NA	NA	NA	F 56-650	164J56	MIM836	PSB-5636	4-01-7056	NA	P036-1-048
PSH-11-120	SZ2-120	ST2-120	SPW-359-S	SW 2120	3FS-2120	PSS 2-120	F 120-010	164D120	MIM339	PSB-1201	4-01-2120	AH200120	P001-1-120
PSH-24-120	SZ3-120	ST3-120	SPW-409-S	SW 3120	3FS-3120	PSS 3-120	F 120-020	164E120	MIM439	PSB-1202	4-01-3120	AH300120	P002-1-120
PSH-06-120	SZ4-120	ST4-120	SPW-509-S	SW 4120	3FS-4120	PSS 4-120	F 120-050	164F120	MIM539	PSB-1206	4-01-4120	AH400120	P006-1-120
PSH-12-120	SZ5-120	ST5-120	SPW-609-S	SW 5120	3FS-5120	PSS 5-120	F 120-100	164G120	MIM639	PSB-12012	4-01-5120	AH500120	P012-1-120
PSH-20-120	SZ6-120	ST6-120	SPW-619-S	SW 6120	NA	NA	F 120-160	164H120	MIM738	PSB-12020	4-01-6120	AH600120	P020-1-120
PSH-36-120	SZ7-120	ST7-120	SPW-629-S	NA	NA	NA	F 120-300	164J120	MIM838	PSB-12036	4-01-7120	NA	P036-1-120

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Split Bobbin Power Transformer

Cross References

Series: PSH & PDH - Printed Circuit Mount, Horizontal 6 & 8 Pins

Wabash	PowerVolt	Signal	Prem	Stancor	Tamura	Microtran	Triad	Hammond	Thordarson	Premier	MCI	Zettler	Ensign
PDH-11-10	DSZ2-10	DST2-10	SPW-350-D	DSW 210	3FD-210	PSD 2-10	FS 10-110	162D10	MIM320	PSB-101D	4-02-2010	ADH20010	P001-2-010
PDH-24-10	DSZ3-10	DST3-10	SPW-400-D	DSW 310	3FD-310	PSD 3-10	FS 10-250	162E10	MIM420	PSB-102D	4-02-3010	ADH30010	P002-2-010
PDH-06-10	DSZ4-10	DST4-10	SPW-500-D	DSW 410	3FD-410	PSD 4-10	FS 10-600	162F10	MIM520	PSB-106D	4-02-4010	ADH40010	P006-2-010
PDH-12-10	DSZ5-10	DST5-10	SPW-600-D	DSW 510	3FD-510	PSD 5-10	FS 10-1200	162G10	MIM620	PSB-1012D	4-02-5010	ADH50010	P012-2-010
PDH-20-10	DSZ6-10	DST6-10	SPW-610-D	DSW 610	NA	NA	FS 10-2000	162H10	MIM721	PSB-1020D	4-02-6010	ADH60010	P020-2-010
PDH-36-10	DSZ7-10	DST7-10	SPW-620-D	NA	NA	NA	FS 10-3600	162J10	MIM821	PSB-1036D	4-02-7010	NA	P036-2-010
PDH-11-12	DSZ2-12	DST2-12	SPW-351-D	DSW 212	3FD-212	PSD 2-12	FS 12-090	162D12	MIM322	PSB-121D	4-02-2012	ADH20012	P001-2-012
PDH-24-12	DSZ3-12	DST3-12	SPW-401-D	DSW 312	3FD-312	PSD 3-12	FS 12-200	162E12	MIM422	PSB-122D	4-02-3012	ADH30012	P002-2-012
PDH-06-12	DSZ4-12	DST4-12	SPW-501-D	DSW 412	3FD-412	PSD 4-12	FS 12-500	162F12	MIM522	PSB-126D	4-02-4012	ADH40012	P006-2-012
PDH-12-12	DSZ5-12	DST5-12	SPW-601-D	DSW 512	3FD-512	PSD 5-12	FS 12-1000	162G12	MIM622	PSB-1212D	4-02-5012	ADH50012	P012-2-012
PDH-20-12	DSZ6-12	DST6-12	SPW-611-D	DSW 612	NA	NA	FS 12-1600	162H12	MIM723	PSB-1220D	4-02-6012	ADH60012	P020-2-012
PDH-36-12	DSZ7-12	DST7-12	SPW-621-D	NA	NA	NA	FS 12-2850	162J12	MIM823	PSB-1236D	4-02-7012	NA	P036-2-012
PDH-11-16	DSZ2-16	DST2-16	SPW-352-D	DSW 216	3FD-216	PSD 2-16	FS 16-070	162D16	MIM324	PSB-161D	4-02-2016	ADH20016	P001-2-016
PDH-24-16	DSZ3-16	DST3-16	SPW-402-D	DSW 316	3FD-316	PSD 3-16	FS 16-150	162E16	MIM424	PSB-162D	4-02-3016	ADH30016	P002-2-016
PDH-06-16	DSZ4-16	DST4-16	SPW-502-D	DSW 416	3FD-416	PSD 4-16	FS 16-400	162F16	MIM524	PSB-166D	4-02-4016	ADH40016	P006-2-016
PDH-12-16	DSZ5-16	DST5-16	SPW-602-D	DSW 516	3FD-516	PSD 5-16	FS 16-800	162G16	MIM624	PSB1612D	4-02-5016	ADH50016	P012-2-016
PDH-20-16	DSZ6-16	DST6-16	SPW-612-D	DSW 616	NA	NA	FS 16-1250	162H16	MIM725	PSB-1620D	4-02-6016	ADH60016	P020-2-016
PDH-36-16	DSZ7-16	DST7-16	SPW-622-D	NA	NA	NA	FS 16-2250	162J16	MIM825	PSB-1636D	4-02-7016	NA	P036-2-016
PDH-11-20	DSZ2-20	DST2-20	SPW-353-D	DSW 220	3FD-220	PSD 2-20	FS 20-055	162D20	MIM326	PSB-201D	4-02-2020	ADH20020	P001-2-020
PDH-24-20	DSZ3-20	DST3-20	SPW-403-D	DSW 320	3FD-320	PSD 3-20	FS 20-120	162E20	MIM426	PSB-202D	4-02-3020	ADH30020	P002-2-020
PDH-06-20	DSZ4-20	DST4-20	SPW-503-D	DSW 420	3FD-420	PSD 4-20	FS 20-300	162F20	MIM526	PSB-206D	4-02-4020	ADH40020	P006-2-020
PDH-12-20	DSZ5-20	DST5-20	SPW-603-D	DSW 520	3FD-520	PSD 5-20	FS 20-600	162G20	MIM626	PSB-2012D	4-02-5020	ADH50020	P012-2-020
PDH-20-20	DSZ6-20	DST6-20	SPW-613-D	DSW 620	NA	NA	FS 20-1000	162H20	MIM727	PSB-2020D	4-02-6020	ADH60020	P020-2-020
PDH-36-20	DSZ7-20	DST7-20	SPW-623-D	NA	NA	NA	FS 20-1800	162J20	MIM827	PSB-2036D	4-02-7020	NA	P036-2-020
PDH-11-24	DSZ2-24	DST2-24	SPW-354-D	DSW 224	3FD-224	PSD 2-24	FS 24-045	162D24	MIM328	PSB-241D	4-02-2024	ADH20024	P001-2-024
PDH-24-24	DSZ3-24	DST3-24	SPW-404-D	DSW 324	3FD-324	PSD 3-24	FS 24-100	162E24	MIM428	PSB-242D	4-02-3024	ADH30024	P002-2-024
PDH-06-24	DSZ4-24	DST4-24	SPW-504-D	DSW 424	3FD-424	PSD 4-24	FS 24-250	162F24	MIM528	PSB-246D	4-02-4024	ADH40024	P006-2-024
PDH-12-24	DSZ5-24	DST5-24	SPW-604-D	DSW 524	3FD-524	PSD 5-24	FS 24-500	162G24	MIM628	PSB-2412D	4-02-5024	ADH50024	P012-2-024
PDH-20-24	DSZ6-24	DST6-24	SPW-614-D	DSW 624	NA	NA	FS 24 800	162H24	MIM729	PSB-2420D	4-02-6024	ADH60024	P020-2-024
PDH-36-24	DSZ7-24	DST7-24	SPW-624-D	NA	NA	NA	FS 24-1500	162J24	MIM829	PSB-2436D	4-02-7024	NA	P036-2-024
PDH-11-28	DSZ2-28	DST2-28	SPW-355-D	DSW 228	3FD-228	PSD 2-28	FS 28-040	162D28	MIM330	PSB-281D	4-02-2028	ADH20028	P001-2-028
PDH-24-28	DSZ3-28	DST3-28	SPW-405-D	DSW 328	3FD-328	PSD 3-28	FS 28-85	162E28	MIM430	PSB-282D	4-02-3028	ADH30028	P002-2-028
PDH-06-28	DSZ4-28	DST4-28	SPW-505-D	DSW 428	3FD-428	PSD 4-28	FS 28-200	162F28	MIM530	PSB-286D	4-02-4028	ADH40028	P006-2-028
PDH-12-28	DSZ5-28	DST5-28	SPW-605-D	DSW 528	3FD-528	PSD 5-28	FS 28-420	162G28	MIM630	PSB-2812D	4-02-5028	ADH50028	P012-2-028
PDH-20-28	DSZ6-28	DST6-28	SPW-615-D	DSW 628	NA	NA	FS 28-700	162H28	MIM731	PSB-2820D	4-02-6028	ADH60028	P020-2-028
PDH-36-28	DSZ7-28	DST7-28	SPW-625-D	NA	NA	NA	FS 28-1300	162J28	MIM831	PSB-3636D	4-02-7028	NA	P036-2-028
PDH-11-36	DSZ2-36	DST2-36	SPW-356-D	DSW 236	3FD-236	PSD 2-36	FS 36-030	162D36	MIM332	PSB-361D	4-02-2036	ADH20036	P001-2-036
PDH-24-36	DSZ3-36	DST3-36	SPW-406-D	DSW 336	3FD-336	PSD 3-36	FS 36-65	162E36	MIM432	PSB-362D	4-02-3036	ADH30036	P002-2-036
PDH-06-36	DSZ4-36	DST4-36	SPW-506-D	DSW 436	3FD-436	PSD 4-36	FS 36-170	162F36	MIM532	PSB-366D	4-02-4036	ADH40036	P006-2-036
PDH-12-36	DSZ5-36	DST5-36	SPW-606-D	DSW 536	3FD-536	PSD 5-36	FS 36-350	162G36	MIM632	PSB-3612D	4-02-5036	ADH50036	P012-2-036
PDH-20-36	DSZ6-36	DST6-36	SPW-616-D	DSW 636	NA	NA	FS 36-550	162H36	MIM733	PSB-3620D	4-02-6036	ADH60036	P020-2-036
PDH-36-36	DSZ7-36	DST7-36	SPW-626-D	NA	NA	NA	FS 36-1000	162J36	MIM833	PSB-3636D	4-02-7036	NA	P036-2-036
PDH-11-48	DSZ2-48	DST2-48	SPW-357-D	DSW 248	3FD-248	PSD 2-48	FS 48-023	162D48	MIM334	PSB-481D	4-02-2048	ADH20048	P001-2-048
PDH-24-48	DSZ3-48	DST3-48	SPW-407-D	DSW 348	3FD-348	PSD 3-48	FS 48-050	162E48	MIM434	PSB-482D	4-02-3048	ADH30048	P002-2-048
PDH-06-48	DSZ4-48	DST4-48	SPW-507-D	DSW 448	3FD-448	PSD 4-48	FS 48-125	162F48	MIM534	PSB-486D	4-02-4048	ADH40048	P006-2-048
PDH-12-48	DSZ5-48	DST5-48	SPW-607-D	DSW 548	3FD-548	PSD 5-48	FS 48-250	162G48	MIM634	PSB-4812D	4-02-5048	ADH50048	P012-2-048
PDH-20-48	DSZ6-48	DST6-48	SPW-617-D	DSW 648	NA	NA	FS 48-400	162H48	MIM735	PSB-4820D	4-02-6048	ADH60048	P020-2-048
PDH-36-48	DSZ7-48	DST7-48	SPW-627-D	NA	NA	NA	FS 48-750	162J48	MIM835	PSB-4836D	4-02-7048	NA	P036-2-048
PDH-11-56	DSZ2-56	DST2-56	SPW-358-D	DSW 256	3FD-256	PSD 2-56	FS 56-020	162D56	MIM336	PSB-561D	4-02-2056	ADH20056	P001-2-056
PDH-24-56	DSZ3-56	DST3-56	SPW-408-D	DSW 356	3FD-356	PSD 3-56	FS 56-045	162E56	MIM436	PSB-562D	4-02-3056	ADH30056	P002-2-056
PDH-06-56	DSZ4-56	DST4-56	SPW-508-D	DSW 456	3FD-456	PSD 4-56	FS 56-110	162F56	MIM536	PSB-566D	4-02-4056	ADH40056	P006-2-048
PDH-12-56	DSZ5-56	DST5-56	SPW-608-D	DSW 556	3FD-556	PSD 5-56	FS 56-220	162G56	MIM636	PSB-5612D	4-02-5056	ADH50056	P012-2-048
PDH-20-56	DSZ6-56	DST6-56	SPW-618-D	DSW 656	NA	NA	FS 56-350	162H56	MIM737	PSB-5620D	4-02-6056	ADH60056	P020-2-048
PDH-36-56	DSZ7-56	DST7-56	SPW-628-D	NA	NA	NA	FS 56-650	162J56	MIM837	PSB-5636D	4-02-7056	NA	P036-2-048
PDH-11-120	DSZ2-120	DST2-120	SPW-359-D	DSW 2120	3FD-2120	PSD 2-120	FS 120-010	162D120	MIM338	PSB-1201D	4-02-2120	ADH200120	P001-2-120
PDH-24-120	DSZ3-120	DST3-120	SPW-409-D	DSW 3120	3FD-3120	PSD 3-120	FS 120-020	162E120	MIM438	PSB-1202D	4-02-3120	ADH300120	P002-2-120
PDH-06-120	DSZ4-120	DST4-120	SPW-509-D	DSW 4120	3FD-4120	PSD 4-120	FS 120-050	162F120	MIM538	PSB-1206D	4-02-4120	ADH400120	P006-2-120
PDH-12-120	DSZ5-120	DST5-120	SPW-609-D	DSW 5120	3FD-5120	PSD 5-120	FS 120-100	162G120	MIM638	PSB-12012D	4-02-5120	ADH500120	P012-2-120
PDH-20-120	DSZ6-120	DST6-120	SPW-619-D	DSW 6120	NA	NA	FS 120-160	162H120	MIM739	PSB-12020D	4-02-6120	ADH600120	P020-2-120
PDH-36-120	DSZ7-120	DST7-120	SPW-629-D	NA	NA	NA	FS 120-300	162J120	MIM839	PSB-12036D	4-02-7120	NA	P036-2-120

Small Size Power Transformer

Cross References

Series: PSV & PDV - Printed Circuit Mount, Vertical

Wabash	PowerVolt	Signal	Stancor	Hammond	Thordarson	MCI
PSV-01-10	MT10-90	PC10-90	NA	161D10	NA	4-03-1010
PSV-012-10	MTI0-120	PC10-120	NA	161FA10	PCP150	4-03-2010
PSV-045-10	MT10-440	PC10-440	PPC-11	161GA10	PCP160	4-03-3010
PSV-10-10	MT10-1000	PC10-1000	NA	161J10	PCP170	4-03-4010
PSV-24-10	MT10-2400	PC10-2400	NA	161H10	PCP180	4-03-5010
PSV-01-126	MT12-70	PC12-70	NA	161D12	NA	4-03-1012
PSV-012-126	MT12-100	PC12-100	NA	161FA12	PCP152	4-03-2012
PSV-045-126	MT12-350	PC12-350	PPC-12	161GA12	PCP154	4-03-3012
PSV-10-126	MT12-800	PC12-800	NA	161K12	PCP156	4-03-4012
PSV-24-126	MT12-2000	PC12-2000	NA	161H12	PCP158	4-03-5012
PSV-01-16	MT16-55	PC16-55	NA	161D16	NA	4-03-1016
PSV-012-16	MT16-75	PC16-75	NA	161EA16	PCP162	4-03-2016
PSV-045-16	MT16-260	PC16-260	NA	161FA16	PCP164	4-03-3016
PSV-10-16	MT16-640	PC16-640	NA	161G16	PCP166	4-03-4016
PSV-24-16	MT16-1500	PC16-1500	NA	161H16	PCP168	4-03-5016
PSV-01-20	MT20-45	PC20-45	NA	161D20	NA	4-03-1020
PSV-012-20	MT20-60	PC20-60	NA	161EA20	PCP172	4-03-2020
PSV-045-20	MT20-220	PC20-220	NA	161FA20	PCP174	4-03-3020
PSV-10-20	MT20-500	PC20-500	NA	161G20	PCP176	4-03-4020
PSV-012-24	MT24-50	PC24-50	NA	161E24	PCP182	4-03-2024
PSV-045-24	MT24-180	PC24-180	NA	161F24	PCP184	4-03-3024
PSV-10-24	MT24-450	PC24-450	NA	161G24	PCP186	4-03-4024
PSV-24-24	MT24-1000	PC24-1000	NA	161H24	PCP188	4-03-5024
PSV-01-28	MT28-30	PC28-30	NA	161D28	NA	4-03-1028
PSV-012-28	MT28-40	PC28-40	NA	161E28	PCP192	4-03-2028
PSV-045-28	MT28-160	PC28-160	PPC-13	161F28	PCP194	4-03-3038
PSV-10-28	MT28-360	PC28-360	NA	161G28	PCP196	4-03-4028
PSV-24-28	MT28-800	PC28-800	NA	161H28	PCP198	4-03-5028
PSV-01-34	MT34-25	PC34-25	NA	161D34	NA	4-03-1034
PSV-012-34	MT34-35	PC34-35	NA	161E34	PCP202	4-03-2034
PSV-045-34	MT34-125	PC34-125	NA	161F34	PCP204	4-03-3034
PSV-10-34	MT34-300	PC34-300	NA	161G34	PCP206	4-03-4034
PSV-24-34	MT34-700	PC34-700	NA	161H34	PCP208	4-03-5034
PSV-01-40	MT40-20	PC40-20	NA	161D40	NA	4-03-1040
PSV-012-40	MT40-30	PC40-30	NA	161E40	PCP212	4-03-2040
PSV-045-40	MT40-110	PC40-110	PPC-17	161F40	PCP214	4-03-3040
PSV-10-40	MT40-250	PC40-250	NA	161G40	PCP216	4-03-4040
PSV-24-40	MT40-600	PC40-600	NA	161H40	PCP218	4-03-5040
PSV-01-56	MT56-15	PC56-15	NA	161D56	NA	4-03-1056
PSV-012-56	MT56-20	PC56-20	NA	161E56	PCP222	4-03-2056
PSV-045-56	MT56-80	PC56-80	PPC-14	161F56	PCP224	4-03-3056
PSV-10-56	MT56-180	PC56-180	NA	161G56	PCP226	4-03-4056
PSV-24-56	MT56-420	PC56-420	NA	161H56	PCP228	4-03-5056
PSV-01-120	MT120-8	PC120-8	NA	161D120	NA	4-03-1088
PSV-012-120	MT120-10	PC120-10	NA	161E120	NA	4-03-2088
PSV-045-120	MT120-35	PC120-35	NA	161F120	NA	4-03-3088
PSV-10-120	MT120-85	PC120-85	NA	161G120	NA	4-03-4088
PSV-24-120	MT120-200	PC120-200	NA	161H120	NA	4-03-5088

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Small Size Power Transformer

Cross References

Series: PSV & PDV - Printed Circuit Mount, Vertical

Wabash	PowerVolt	Signal	Stancor	Hammond	Thordarson	MCI
PDV-01-10	DMT10-90	DPC10-90	NA	160D10	NA	4-04-1010
PDV-012-10	DMTI0-120	DPC10-120	NA	160F10	PCP151	4-04-2010
PDV-045-10	DMT10-440	DPC10-440	NA	160G10	PCP161	4-04-3010
PDV-10-10	DMT10-1000	DPC10-1000	NA	160J10	PCP171	4-04-4010
PDV-24-10	DMT10-2400	DPC10-2400	NA	160H10	PCP181	4-04-5010
PDV-01-126	DMT12-70	DPC12-70	NA	160D12	NA	4-04-1012
PDV-012-126	DMT12-100	DPC12-100	NA	160F12	PCP153	4-04-2012
PDV-045-126	DMT12-350	DPC12-350	PPC-18	160G12	PCP155	4-04-3012
PDV-10-126	DMT12-800	DPC12-800	NA	160K12	PCP157	4-04-4012
PDV-24-126	DMT12-2000	DPC12-2000	NA	160H12	PCP159	4-04-5012
PDV-01-16	DMT16-55	DPC16-55	NA	160D16	NA	4-04-1016
PDV-012-16	DMT16-75	DPC16-75	NA	160E16	PCP163	4-04-2016
PDV-045-16	DMT16-260	DPC16-260	PPC-19	160F16	PCP165	4-04-3016
PDV-10-16	DMT16-640	DPC16-640	NA	160G16	PCP167	4-04-4016
PDV-24-16	DMT16-1500	DPC16-1500	PPC-56	160H16	PCP169	4-04-5016
PDV-01-20	DMT20-45	DPC20-45	NA	160D20	NA	4-04-1020
PDV-012-20	DMT20-60	DPC20-60	NA	160E20	PCP173	4-04-2020
PDV-045-20	DMT20-220	DPC20-220	PPC-28	160F20	PCP175	4-04-3020
PDV-10-20	DMT20-500	DPC20-500	NA	160G20	PCP177	4-04-4020
PDV-012-24	DMT24-50	DPC24-50	NA	160E24	PCP183	4-04-2024
PDV-045-24	DMT24-180	DPC24-180	PPC-20	160F24	PCP185	4-04-3024
PDV-10-24	DMT24-450	DPC24-450	NA	160G24	PCP187	4-04-4024
PDV-24-24	DMT24-1000	DPC24-1000	PPC-58	160H24	PCP189	4-04-5024
PDV-01-28	DMT28-30	DPC28-30	NA	160D28	NA	4-04-1028
PDV-012-28	DMT28-40	DPC28-40	NA	160E28	PCP193	4-04-2028
PDV-045-28	DMT28-160	DPC28-160	PPC-48	160F28	PCP195	4-04-3028
PDV-10-28	DMT28-360	DPC28-360	NA	160G28	PCP197	4-04-4028
PDV-24-28	DMT28-800	DPC28-800	NA	160H28	PCP199	4-04-6028
PDV-01-34	DMT34-25	DPC34-25	NA	160D34	NA	4-04-1034
PDV-012-34	DMT34-35	DPC34-35	NA	160E35	PCP203	4-04-2034
PDV-045-34	DMT34-125	DPC34-125	NA	160F34	PCP205	4-04-3034
PDV-10-34	DMT34-300	DPC34-300	NA	160G34	PCP207	4-04-4034
PDV-24-34	DMT34-700	DPC34-700	NA	160H34	PCP209	4-04-5034
PDV-01-40	DMT40-20	DPC40-20	NA	160D40	NA	4-04-1040
PDV-012-40	DMT40-30	DPC40-30	NA	160E40	PCP213	4-04-2040
PDV-045-40	DMT40-110	DPC40-110	NA	160F40	PCP215	4-04-3040
PDV-10-40	DMT40-250	DPC40-250	NA	160G40	PCP217	4-04-4040
PDV-24-40	DMT40-600	DPC40-600	NA	160H40	PCP219	4-04-5040
PDV-01-56	DMT56-15	DPC56-15	NA	160D56	NA	4-04-1056
PDV-012-56	DMT56-20	DPC56-20	NA	160E56	PCP223	4-04-2056
PDV-045-56	DMT56-80	DPC56-80	NA	160F56	PCP225	4-04-3056
PDV-10-56	DMT56-180	DPC56-180	NA	160G56	PCP227	4-04-4056
PDV-24-56	DMT56-420	DPC56-420	NA	160H56	PCP229	4-04-5056
PDV-01-120	DMT120-8	DPC120-8	NA	160D120	NA	4-04-1088
PDV-012-120	DMT120-10	DPC120-10	NA	160E120	NA	4-01-2088
PDV-045-120	DMT120-35	DPC120-35	NA	160F120	NA	4-04-3088
PDV-10-120	DMT120-85	DPC120-85	NA	160G120	NA	4-04-4088
PDV-24-120	DMT120-200	DPC120-200	NA	160H120	NA	4-04-5088

Low Profile Power Transformer

Cross References

Series: UI - Printed Circuit Mount

Wabash	PowerVolt	Signal	Prem	Stancor	Microtran	Tamura	Triad	Hammond	Thordarson	Premier	MCI	Zettler	Renco	Ensign
UI-25-10	FZ10-250	LP10-250	SPW-050	LB210	PF2.5-10	3FL10-250	FP10-250	229E10	PFC200	PLP-102	4-05-1010	AHF02010	RL-2230-10-250	U002-2-010
UI-06-10	FZ10-600	LP10-600	SPW-100	LB 610	PF6-10	3FL10-600	FP10-600	229A10	PFC202	PLP-106	4-05-2010	AHF06010	RL-2230-10-600	U006-2-010
UI-12-10	FZ10-1200	LP10-1200	SPW-300	LB 1210	PF12-10	3FL10-1200	FP10-1200	229B10	PFC204	PLP-1012	4-05-3010	AHF12010	RL-2230-10-1200	U012-2-010
UI-24-10	FZ10-2400	LP10-2400	NA	LB2410	NA	NA	FP10-2400	NA	NA	PLP1024	4-05-4010	AHF24010	RL-2230-10-2400	U024-2-010
UI-48-10	FZ10-4800	LP10-4800	NA	LB4810	NA	NA	FP10-4800	NA	NA	PLP1048	4-05-5010	AHF48010	RL-2230-10-4800	U048-2-010
UI-25-126	FZ12-200	LP12-200	SPW-051	NA	PF2.5-12	3FL12-200	FP12-200	229E12	PFC210	PLP-122	NA	AHF02012	RL-2230-12-200	U002-2-012
UI-06-126	FZ12-450	LP12-450	SPW-101	LB 612	PF6-12	3FL12-475	FP12-450	229A12	PFC212	PLP-126	4-05-2012	AHF06012	RL-2230-12-450	U006-2-012
UI-12-126	FZ12-900	LP12-900	SPW-301	LB 1212	PF12-12	3FL12-950	FP12-900	229B12	PFC214	PLP-1212	4-05-3012	AHF12012	RL-2230-12-900	U012-2-012
UI-24-126	FZ12-1900	LP12-1900	NA	LB1219	NA	NA	FP12-1900	NA	NA	NA	4-05-4012	AHF24012	RL-2230-12-1900	U024-2-012
UI-48-126	FZ12-3800	LP12-3800	NA	LB1238	NA	NA	FP12-3800	NA	NA	NA	4-05-5012	AHF48012	RL-2230-12-3800	U048-2-012
UI-25-16	FZ16-150	LP16-150	SPW-052	NA	PF2.5-16	3FL20-125	FP16-150	229E16	PFC220	PLP-162	4-05-1016	AHF02016	RL-2230-16-150	U002-2-016
UI-06-16	FZ16-350	LP16-350	SPW-102	LB 616	PF6-16	3FL16-350	FP16-350	229A16	PFC222	PLP-166	4-05-2016	AHF06016	RL-2230-16-350	U006-2-016
UI-12-16	FZI6-700	LP16-700	SPW-302	LB 1216	PF12-16	3FL16-700	FP16-700	229B16	PFC224	PLP-1612	4-05-3016	AHF12016	RL-2230-16-700	U012-2-016
UI-24-16	FZ16-1500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-16-1500	U024-2-016
UI-48-16	FZ16-3000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-16-3000	U048-2-016
UI-25-20	FZ20-125	LP20-125	SPW-053	NA	PF2.5-20	3FL20-125	FP20-125	'229E20	PFC230	PLP-202	4-05-1020	AHF02020	RL-2230-20-125	U002-2-020
UI-06-20	FZ20-300	LP20-300	SPW-103	LB 620	PF6-20	3FL20-300	FP20-300	229A20	PFC232	PLP-206	4-05-2020	AHF06020	RL-2230-20-300	U006-2-020
UI-12-20	FZ20-600	LP20-600	SPW-303	LB 1220	PF12-20	3FL20-600	FP20-600	229B20	PFC234	PLP-2012	4-05-3020	AHF12020	RL-2230-20-600	U012-2-020
UI-24-20	FZ20-1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-20-1200	U024-2-020
UI-48-20	FZ20-2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-20-2400	U048-2-020
UI-25-24	FZ24-100	LP24-100	SPW-054	NA	PF2.5-24	3FL24-100	FP24-100	229E24	PFC240	PLP-242	4-05-1024	AHF02024	RL-2230-24-100	U002-2-024
UI-06-24	FZ24-250	LP24-250	SPW-104	LB 624	PF6-24	3FL24-250	FP24-250	229A24	PFC242	PLP-246	4-05-2024	AHF06024	RL-2230-24-250	U006-2-024
UI-12-24	FZ24-500	LP24-500	SPW-304	LB 1224	PF12-24	3FL24-500	FP24-500	229B24	PFC244	PLP-2412	4-05-3024	AHF12024	RL-2230-24-500	U012-2-024
UI-24-24	FZ24-1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-24-1000	U024-2-024
UI-48-24	FZ24-2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-24-2000	U048-2-024
UI-25-30	FZ30-85	LP30-85	SPW-061	NA	PF2.5-30	3FL30-85	FP30-85	229E30	PFC190	NA	NA	AHF02030	RL-2230-30-85	U002-2-030
UI-06-30	FZ30-200	LP30-200	SPW-111	NA	PF6-30	3FL30-200	FP30-200	229A30	PFC192	NA	NA	AHF06030	RL-2230-30-200	U006-2-030
UI-12-30	FZ30-400	LP30-400	SPW-311	NA	PP12-30	3FL30-400	FP30-400	229B30	PFC294	NA	4-05-3030	AHF12030	RL-2230-30-400	U012-2-030
UI-24-30	FZ30-800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-30-800	U024-2-030
UI-24-48	FZ30-1600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-30-1600	U048-2-030
UI-25-34	FZ34-75	LP34-75	SPW-055	NA	PF2.5-34	3FL34-75	FP34-75	229E34	PFC250	PLP-302	4-05-1034	AHF02034	RL-2230-34-75	U002-2-034
UI-06-34	FZ34-170	LP34-170	SPW-105	LB 634	PF6-34	3FL34-170	FP34-170	229A34	PFC252	PLP-306	4-05-2034	AHF06034	RL-2230-34-170	U006-2-034
UI-12-34	FZ34-340	LP34-340	SPW-305	LB 1234	PF12-34	3FL34-340	FP34-340	229B34	PFC254	PLP-3012	4-05-3034	AHF12034	RL-2230-34-340	U012-2-034
UI-24-34	FZ34-700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-34-700	U024-2-034
UI-48-34	FZ34-1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-34-1400	U048-2-034
UI-25-40	FZ40-60	LP40-60	SPW-056	LB240	NA	3FL40-60	FP40-60	229E40	PFC260	PLP-402	4-05-1040	AHF02040	RL-2230-40-60	U002-2-040
UI-06-40	FZ40-150	LP40-150	SPW-106	LB 640	PF6-40	3FL40-150	FP40-150	229A40	PFC262	PLP-406	4-05-2040	AHF06040	RL-2230-40-150	U006-2-040
UI-12-40	FZ40-300	LP40-300	SPW-306	LB 1240	NA	3FL40-300	FP40-300	229B40	PFC264	PLP-3412	4-05-3040	AHF12040	RL-2230-40-300	U012-2-040
UI-24-40	FZ40-600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-40-600	U024-2-040
UI-48-40	FZ40-1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-40-1200	U048-2-040
UI-25-56	FZ56-45	LP56-45	SPW-057	LB256	PF2.5-56	3FL56-45	FP56-45	229E56	PFC270	PLP-562	4-05-1056	AHF02056	RL-2230-56-45	U002-2-056
UI-06-56	FZ56-100	LP56-100	SPW-107	LB 656	PF6-56	3FL56-100	FP56-100	229A56	PFC272	PLP-406	4-05-2056	AHF06056	RL-2230-56-100	U006-2-056
UI-12-56	FZ56-200	LP56-200	SPW-307	LB 1256	PF12-56	3FL56-200	FP56-200	229B56	PFC274	PLP-4012	4-05-3056	AHF12056	RL-2230-56-200	U012-2-056
UI-24-56	FZ56-425	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-56-425	U024-2-056
UI-48-56	FZ56-850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RL-2230-56-850	U048-2-056
UI-25-88	FZ88-28	LP88-28	SPW-058	LB288	PF88-28	3FL88-28	FP88-28	229E88	PFC280	PLP-562	4-05-1028	AHF02088	RL-2230-88-28	U002-2-088
UI-06-88	FZ88-65	LP88-65	SPW-108	LB 688	NA	3FL88-65	FP88-65	229A88	PFC282	PLP-566	4-05-2088	AHF06088	RL-2230-88-65	U006-2-088
UI-12-88	FZ88-130	LP88-130	SPW-308	LB 1288	NA	3FL88-130	FP88-130	229B88	PFC284	PLP-5612	4-05-3088	AHF12088	RL-2230-88-130	U012-2-088
UI-25-120	FZ120-20	LP120-20	SPW-059	LB2120	NA	3FL120-20	FP120-20	229E120	PFC290	PLP-882	4-05-1120	AHF02120	RL-2230-120-20	U002-2-120
UI-06-120	FZ120-50	LP120-50	SPW-109	LB 6120	NA	3FL120-50	FP120-50	229A120	PFC292	PLP-886	4-05-2120	AHF06120	RL-2230-120-50	U006-2-120
UI-12-120	FZ120-100	LP120-100	SPW-309	LB 12120	NA	3FL120-100	FP120-100	229B120	PFC324	PLP-8812	4-05-3120	AHF12120	RL-2230-120-100	U012-2-120
UI-25-230	FZ230-10	LP230-10	SPW-060	LB2230	NA	3FL230-10	FP230-10	229E230	PFC300	NA	4-05-1230	AHF02230	RL-2230-230-10	U002-2-230
UI-06-230	FZ230-25	LP230-25	SPW-110	LB 6230	NA	3FL230-25	FP230-25	229A230	PFC302	NA	4-05-2230	AHF06230	RL-2230-230-25	U006-2-230
UI-12-230	FZ230-50	LP230-50	SPW-310	LB6230	NA	3FL230-50	FP230-50	229B230	PFC334	NA	4-05-3230	AHF12230	RL-2230-230-50	U012-2-230

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The Compact Power Transformer

Cross References

Series: PST & PDT - Chassis Mount with Terminals

Wabash	PowerVolt	Signal	Stancor	Triad	Hammond	Thordarson	MCI	Renco	Ensign
PST-24-10	PP-3-10	241-3-10	NA	F3-10	187A10	CFP201	4-06-3010	RL-2270-3-10	T002-1-510
PST-06-10	PP-4-10	241-4-10	NA	F4-10	187B10	CFP301	4-06-4010	RL-2270-4-10	T006-1-510
PST-12-10	PP-5-10	241-5-10	P8652	F5-10	187C10	CFP401	4-06-5010	RL-2270-5-10	T012-1-510
PST-30-10	PP-6-10	241-6-10	P8380	F6-10	187D10	CFP501	4-06-6010	RL-2270-6-10	T030-1-510
PST-56-10	PP-7-10	241-7-10	P6458	F7-10	187E10	CFP601	4-06-7010	RL-2270-7-10	T056-1-510
PST-100-10	PP-8-10	241-8-10	P6461	F8-10	187F10	CFP701	4-06-8010	RL-2270-8-10	T100-1-510
PST-24-126	PP-3-12	241-3-12	NA	F3-12	187A12	CFP203	4-06-3012	RL-2270-3-12	T002-1-512
PST-06-126	PP-4-12	241-4-12	NA	F4-12	187B12	CFP303	4-06-4012	RL-2270-4-12	T006-1-512
PST-12-126	PP-5-12	241-5-12	P8384	F5-12	187C12	CFP403	4-06-5012	RL-2270-5-12	T012-1-512
PST-30-126	PP-6-12	241-6-12	P8358	F6-12	187D12	CFP503	4-06-6012	RL-2270-6-12	T030-1-512
PST-56-126	PP-7-12	241-7-12	P8641	F7-12	187E12	CFP603	4-06-7012	RL-2270-7-12	T056-1-512
PST-100-126	PP-8-12	241-8-12	P8643	F8-12	187F12	CFP703	4-06-8012	RL-2270-8-12	T100-1-512
PST-24-16	PP-3-16	241-3-16	NA	F3-16	187A16	CFP205	4-06-3016	RL-2270-3-16	T002-1-516
PST-06-16	PP-4-16	241-4-16	NA	F4-16	187B16	CFP305	4-06-4016	RL-2270-4-16	T006-1-516
PST-12-16	PP-5-16	241-5-16	NA	F5-16	187C16	CFP405	4-06-5016	RL-2270-5-16	T012-1-516
PST-30-16	PP-6-16	241-6-16	NA	F6-16	187D16	CFP505	4-06-6016	RL-2270-6-16	T030-1-516
PST-56-16	PP-7-16	241-7-16	NA	F7-16	187E16	CFP605	4-06-7016	RL-2270-7-16	T056-1-516
PST-100-16	PP-8-16	241-8-16	NA	F8-16	187F16	CFP705	4-06-8016	RL-2270-8-16	T100-1-516
PST-24-20	PP-3-20	241-3-20	NA	F3-20	187A20	CFP207	4-06-3020	RL-2270-3-20	T002-1-520
PST-06-20	PP-4-20	241-4-20	P8505	F4-20	187B20	CFP307	4-06-4020	RL-2270-4-20	T006-1-520
PST-12-20	PP-5-20	241-5-20	P8507	F5-20	187C20	CFP407	4-06-5020	RL-2270-5-20	T012-1-520
PST-30-20	PP-6-20	241-6-20	P8508	F6-20	187D20	CFP507	4-06-6020	RL-2270-6-20	T030-1-520
PST-56-20	PP-7-20	241-7-20	P8559	F7-20	187E20	CFP607	4-06-7020	RL-2270-7-20	T056-1-520
PST-100-20	PP-8-20	241-8-20	P8560	F8-20	187F20	CFP707	4-06-8020	RL-2270-8-20	T100-1-520
PST-24-24	PP-3-24	241-3-24	P8394	F3-24	187A24	CFP209	4-06-3024	RL-2270-3-24	T002-1-524
PST-06-24	PP-4-24	241-4-24	P8395	F4-24	187B24	CFP309	4-06-4024	RL-2270-4-24	T006-1-524
PST-12-24	PP-5-24	241-5-24	P8396	F5-24	187C24	CFP409	4-06-5024	RL-2270-5-24	T012-1-524
PST-30-24	PP-6-24	241-6-24	P8575	F6-24	187D24	CFP509	4-06-6024	RL-2270-6-24	T030-1-524
PST-56-24	PP-7-24	241-7-24	NA	F7-24	187E24	CFP609	4-06-7024	RL-2270-7-24	T056-1-524
PST-100-24	PP-8-24	241-8-24	NA	F8-24	187F24	CFP709	4-06-8024	RL-2270-8-24	T100-1-524
PST-24-28	PP-3-28	241-3-28	P8600	F3-28	187A28	CFP211	4-06-3028	NA	T002-1-528
PST-06-28	PP-4-28	241-4-28	P8601	F4-28	187B28	CFP311	4-06-4028	NA	T006-1-528
PST-12-28	PP-5-28	241-5-28	P8602	F5-28	187C28	CFP411	4-06-5028	NA	T012-1-528
PST-30-28	PP-6-28	241-6-28	P8603	F6-28	187D28	CFP511	4-06-6028	NA	T030-1-528
PST-56-28	PP-7-28	241-7-28	P8668	F7-28	187E28	CFP611	4-06-7028	NA	T056-1-528
PST-100-28	PP-8-28	241-8-28	NA	F8-28	187F28	CFP711	4-06-8028	NA	T100-1-528
PST-24-36	PP-3-36	241-3-36	P8615	F3-36	187A36	CFP213	4-06-3036	NA	T002-1-536
PST-06-36	PP-4-36	241-4-36	P8611	F4-36	187B36	CFP313	4-06-4036	NA	T006-1-536
PST-12-36	PP-5-36	241-5-36	P8612	F5-36	187C36	CFP413	4-06-5036	NA	T012-1-536
PST-30-36	PP-6-36	241-6-36	P8613	F6-36	187D36	CFP513	4-06-6036	NA	T030-1-536
PST-56-36	PP-7-36	241-7-36	P8671	F7-36	187E36	CFP613	4-06-7036	NA	T056-1-536
PST-100-36	PP-8-36	241-8-36	P8672	F8-36	187F36	CFP713	4-06-8036	NA	T100-1-536
PST-24-48	PP-3-48	241-3-48	NA	F3-48	187A48	CFP215	4-06-3048	NA	T002-1-548
PST-06-48	PP-4-48	241-4-48	NA	F4-48	187B48	CFP315	4-06-4048	NA	T006-1-548
PST-12-48	PP-5-48	241-5-48	NA	F5-48	187C48	CFP415	4-06-5048	NA	T012-1-548
PST-30-48	PP-6-48	241-6-48	NA	F6-48	187D48	CFP515	4-06-6048	NA	T030-1-548
PST-56-48	PP-7-48	241-7-48	P8605	F7-48	187E48	CFP615	4-06-7048	NA	T056-1-548
PST-100-48	PP-8-48	241-8-48	NA	F8-48	187F48	CFP715	4-06-8048	NA	T100-1-548
PST-24-56	PP-3-56	241-3-56	NA	F3-56	187A56	CFP217	4-06-3056	NA	T002-1-556
PST-06-56	PP-4-56	241-4-56	NA	F4-56	187B56	CFP317	4-06-4056	NA	T006-1-556
PST-12-56	PP-5-56	241-5-56	NA	F5-56	187C56	CFP417	4-06-5056	NA	T012-1-556
PST-30-56	PP-6-56	241-6-56	NA	F6-56	187D56	CFP517	4-06-6056	NA	T030-1-556
PST-56-56	PP-7-56	241-7-56	NA	F7-56	187E56	CFP617	4-06-7056	NA	T056-1-556
PST-100-56	PP-8-56	241-8-56	NA	F8-56	187F56	CFP717	4-06-8056	NA	T100-1-556
PST-24-120	PP-3-120	241-3-120	NA	F3-120	187A120	CFP219	4-06-3120	NA	T002-1-620
PST-06-120	PP-4-120	241-4-120	NA	F4-120	187B120	CFP319	4-06-4120	NA	T006-1-620
PST-12-120	PP-5-120	241-5-120	NA	F5-120	187C120	CFP419	4-06-5120	NA	T012-1-620
PST-30-120	PP-6-120	241-6-120	NA	F6-120	187D120	CFP519	4-06-6120	NA	T030-1-620
PST-56-120	PP-7-120	241-7-120	NA	F7-120	187E120	CFP619	4-06-7120	NA	T056-1-620
PST-100-120	PP-8-120	241-8-120	NA	F8-120	187F120	CFP719	4-06-8120	NA	T100-1-620

Cross References

Series: PST & PDT - Chassis Mount with Terminals

Wabash	PowerVolt	Signal	Stancor	Triad	Hammond	Thordarson	MCI	Renco	Ensign
PDT-06-10	DPP-4-10	DP241-4-10	NA	FD4-10	186B10	CFP300	4-07-4010	RLD-2270-4-10	T006-2-510
PDT-12-10	DPP-5-10	DP241-5-10	P8652	FD5-10	186C10	CFP400	4-07-5010	RLD-2270-5-10	T012-2-510
PDT-30-10	DPP-6-10	DP241-6-10	P8380	FD6-10	186D10	CFP500	4-07-6010	RLD-2270-6-10	T030-2-510
PDT-56-10	DPP-7-10	DP241-7-10	P6458	FD7-10	186E10	CFP600	4-07-7010	RLD-2270-7-10	T056-2-510
PDT-100-10	DPP-8-10	DP241-8-10	P6461	FD8-10	186F10	CFP700	4-07-8010	RLD-2270-8-10	T100-2-510
PDT-06-126	DPP-4-12	DP241-4-12	NA	FD4-12	186B12	CFP302	4-07-4012	RLD-2270-4-12	T006-2-512
PDT-12-126	DPP-5-12	DP241-5-12	P8384	FD5-12	186C12	CFP402	4-07-5012	RLD-2270-5-12	T012-2-512
PDT-30-126	DPP-6-12	DP241-6-12	P8358	FD6-12	186D12	CFP502	4-07-6012	RLD-2270-6-12	T030-2-512
PDT-56-126	DPP-7-12	DP241-7-12	P8641	FD7-12	186E12	CFP602	4-07-7012	RLD-2270-7-12	T056-2-512
PDT-100-126	DPP-8-12	DP241-8-12	P8643	FD8-12	186F12	CFP702	4-07-8012	RLD-2270-8-12	T100-2-512
PDT-06-16	DPP-4-16	DP241-4-16	NA	FD4-16	186B16	CFP304	4-07-4016	RLD-4-16	T006-2-516
PDT-12-16	DPP-5-16	DP241-5-16	NA	FD5-16	186C16	CFP404	4-07-5016	RLD-5-16	T012-2-516
PDT-30-16	DPP-6-16	DP241-6-16	NA	FD6-16	186D16	CFP504	4-07-6016	RLD-6-16	T030-2-516
PDT-56-16	DPP-7-16	DP241-7-16	NA	FD7-16	186E16	CFP604	4-07-7016	RLD-7-16	T056-2-516
PDT-100-16	DPP-8-16	DP241-8-16	NA	FD8-16	186F16	CFP704	4-07-8016	RLD-8-16	T100-2-516
PDT-06-20	DPP-4-20	DP241-4-20	P8505	FD4-20	186B20	CFP306	4-07-4020	RLD-2270-4-20	T006-2-520
PDT-12-20	DPP-5-20	DP241-5-20	P8507	FD5-20	186C20	CFP406	4-07-5020	RLD-2270-5-20	T012-2-520
PDT-30-20	DPP-6-20	DP241-6-20	P8604	FD6-20	186D20	CFP506	4-07-6020	RLD-2270-6-20	T030-2-520
PDT-56-20	DPP-7-20	DP241-7-20	P8559	FD7-20	186E20	CFP606	4-07-7020	RLD-2270-7-20	T056-2-520
PDT-100-20	DPP-8-20	DP241-8-20	P8560	FD8-20	186F20	CFP706	4-07-8020	RLD-2270-8-20	T100-2-520
PDT-06-24	DPP-4-24	DP241-4-24	P8721	FD4-24	186B24	CFP308	4-07-4024	RLD-2270-4-24	T006-2-524
PDT-12-24	DPP-5-24	DP241-5-24	P8722	FD5-24	186C24	CFP408	4-07-5024	RLD-2270-5-24	T012-2-524
PDT-30-24	DPP-6-24	DP241-6-24	P8575	FD6-24	186D24	CFP508	4-07-6024	RLD-2270-6-24	T030-2-524
PDT-56-24	DPP-7-24	DP241-7-24	NA	FD7-24	186E24	CFP608	4-07-7024	RLD-2270-7-24	T056-2-524
PDT-100-24	DPP-8-24	DP241-8-24	NA	FD8-24	186F24	CFP708	4-07-8024	RLD-2270-8-24	T100-2-524
PDT-06-28	DPP-4-28	DP241-4-28	P8601	FD4-28	186B28	CFP310	4-07-4028	NA	T006-2-528
PDT-12-28	DPP-5-28	DP241-5-28	P8602	FD5-28	186C28	CFP410	4-07-5028	NA	T012-2-528
PDT-30-28	DPP-6-28	DP241-6-28	P8667	FD6-28	186D28	CFP510	4-07-6028	NA	T030-2-528
PDT-56-28	DPP-7-28	DP241-7-28	P8668	FD7-28	186E28	CFP610	4-07-7028	NA	T056-2-528
PDT-100-28	DPP-8-28	DP241-8-28	NA	FD8-28	186F28	CFP710	4-07-8028	NA	T100-2-528
PDT-06-36	DPP-4-36	DP241-4-36	P8611	FD4-36	186B36	CFP312	4-07-4036	NA	T006-2-536
PDT-12-36	DPP-5-36	DP241-5-36	P8612	FD5-36	186C36	CFP412	4-07-5036	NA	T012-2-536
PDT-30-36	DPP-6-36	DP241-6-36	P8613	FD6-36	186D36	CFP512	4-07-6036	NA	T030-2-536
PDT-56-36	DPP-7-36	DP241-7-36	P8671	FD7-36	186E36	CFP612	4-07-7036	NA	T056-2-536
PDT-100-36	DPP-8-36	DP241-8-36	P8672	FD8-36	186F36	CFP712	4-07-8036	NA	T100-2-536
PDT-06-48	DPP-4-48	DP241-4-48	NA	FD4-48	186B48	CFP314	4-07-4048	NA	T006-2-548
PDT-12-48	DPP-5-48	DP241-5-48	NA	FD5-48	186C48	CFP414	4-07-5048	NA	T012-2-548
PDT-30-48	DPP-6-48	DP241-6-48	NA	FD6-48	186D48	CFP514	4-07-6048	NA	T030-2-548
PDT-56-48	DPP-7-48	DP241-7-48	P8605	FD7-48	186E48	CFP614	4-07-7048	NA	T056-2-548
PDT-100-48	DPP-8-48	DP241-8-48	NA	FD8-48	186F48	CFP714	4-07-8048	NA	T100-2-548
PDT-06-56	DPP-4-56	DP241-4-56	NA	FD4-56	186B56	CFP316	4-07-4056	NA	T006-2-556
PDT-12-56	DPP-5-56	DP241-5-56	NA	FD5-56	186C56	CFP416	4-07-5056	NA	T012-2-556
PDT-30-56	DPP-6-56	DP241-6-56	NA	FD6-56	186D56	CFP516	4-07-6056	NA	T030-2-556
PDT-56-56	DPP-7-56	DP241-7-56	NA	FD7-56	186E56	CFP616	4-07-7056	NA	T056-2-556
PDT-100-56	DPP-8-56	DP241-8-56	NA	FD8-56	186F56	CFP716	4-07-8056	NA	T100-2-556
PDT-06-120	DPP-4-120	DP241-4-120	NA	FD4-120	186B120	CFP318	4-07-4120	NA	T006-2-620
PDT-12-120	DPP-5-120	DP241-5-120	NA	FD5-120	186C120	CFP418	4-07-5120	NA	T012-2-620
PDT-30-120	DPP-6-120	DP241-6-120	NA	FD6-120	186D120	CFP518	4-07-6120	NA	T030-2-620
PDT-56-120	DPP-7-120	DP241-7-120	NA	FD7-120	186E120	CFP618	4-07-7120	NA	T056-2-620
PDT-100-120	DPP-8-120	DP241-8-120	NA	FD8-120	186F120	CFP718	4-07-8120	NA	T100-2-620

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The Compact Power Transformer

Cross References

Series: PSL & PDL - Chassis Mount with Lead Wires

Wabash	Ensign	Signal
PSL-24-10	L002-1-510	241-3-10L
PSL-24-126	L002-1-512	241-3-12L
PSL-24-16	L002-1-516	241-3-16L
PSL-24-20	L002-1-520	241-3-20L
PSL-24-24	L002-1-524	241-3-24L
PSL-24-28	L002-1-528	241-3-28L
PSL-24-36	L002-1-536	241-3-36L
PSL-24-48	L002-1-548	241-3-48L
PSL-24-56	L002-1-556	241-3-56L
PSL-24-120	L002-1-620	241-3-120L
PSL-06-10	L006-1-510	241-4-10L
PSL-06-126	L006-1-512	241-4-12L
PSL-06-16	L006-1-516	241-4-16L
PSL-06-20	L006-1-520	241-4-20L
PSL-06-24	L006-1-524	241-4-24L
PSL-06-28	L006-1-528	241-4-28L
PSL-06-36	L006-1-536	241-4-36L
PSL-06-48	L006-1-548	241-4-48L
PSL-06-56	L006-1-556	241-4-56L
PSL-06-120	L006-1-620	241-4-120L
PSL-12-10	L012-1-510	241-5-10L
PSL-12-126	L012-1-512	241-5-12L
PSL-12-16	L012-1-516	241-5-16L
PSL-12-20	L012-1-520	241-5-20L
PSL-12-24	L012-1-524	241-5-24L
PSL-12-28	L012-1-528	241-5-28L
PSL-12-36	L012-1-536	241-5-36L
PSL-12-48	L012-1-548	241-5-48L
PSL-12-56	L012-1-556	241-5-56L
PSL-12-120	L012-1-620	241-5-120L
PSL-30-10	L030-1-510	241-6-10L
PSL-30-12	L030-1-512	241-6-12L
PSL-30-16	L030-1-516	241-6-16L
PSL-30-20	L030-1-520	241-6-20L
PSL-30-24	L030-1-524	241-6-24L
PSL-30-28	L030-1-528	241-6-28L
PSL-30-36	L030-1-536	241-6-36L
PSL-30-48	L030-1-548	241-6-48L
PSL-30-56	L030-1-556	241-6-56L
PSL-30-120	L030-1-620	241-6-120L
PSL-56-10	L056-1-510	241-7-10L
PSL-56-12	L056-1-512	241-7-12L
PSL-56-16	L056-1-516	241-7-16L
PSL-56-20	L056-1-520	241-7-20L
PSL-56-24	L056-1-524	241-7-24L
PSL-56-28	L056-1-528	241-7-28L
PSL-56-36	L056-1-536	241-7-36L
PSL-56-48	L056-1-548	241-7-48L
PSL-56-56	L056-1-556	241-7-56L
PSL-56-120	L056-1-620	241-7-120L
PSL-100-10	L100-1-510	241-8-10L
PSL-100-12	L100-1-512	241-8-12L
PSL-100-16	L100-1-516	241-8-16L
PSL-100-20	L100-1-520	241-8-20L
PSL-100-24	L100-1-524	241-8-24L
PSL-100-28	L100-1-528	241-8-28L
PSL-100-36	L100-1-536	241-8-36L
PSL-100-48	L100-1-548	241-8-48L
PSL-100-56	L100-1-556	241-8-56L
PSL-100-120	L100-1-620	241-8-120L

Wabash	Ensign	Signal
PDL-24-10	L002-2-510	NA
PDL-24-126	L002-2-512	NA
PDL-24-16	L002-2-516	NA
PDL-24-20	L002-2-520	NA
PDL-24-24	L002-2-524	NA
PDL-24-28	L002-2-528	NA
PDL-24-36	L002-2-536	NA
PDL-24-48	L002-2-548	NA
PDL-24-56	L002-2-556	NA
PDL-24-120	L002-2-620	NA
PDL-06-10	L006-2-510	DP-241-4-10L
PDL-06-126	L006-2-512	DP-241-4-12L
PDL-06-16	L006-2-516	DP-241-4-16L
PDL-06-20	L006-2-520	DP-241-4-20L
PDL-06-24	L006-2-524	DP-241-4-24L
PDL-06-28	L006-2-528	DP-241-4-28L
PDL-06-36	L006-2-536	DP-241-4-36L
PDL-06-48	L006-2-548	DP-241-4-48L
PDL-06-56	L006-2-556	DP-241-4-56L
PDL-06-120	L006-2-620	DP-241-4-120L
PDL-12-10	L012-2-510	DP-241-5-10L
PDL-12-126	L012-2-512	DP-241-5-12L
PDL-12-16	L012-2-516	DP-241-5-16L
PDL-12-20	L012-2-520	DP-241-5-20L
PDL-12-24	L012-2-524	DP-241-5-24L
PDL-12-28	L012-2-528	DP-241-5-28L
PDL-12-36	L012-2-536	DP-241-5-36L
PDL-12-48	L012-2-548	DP-241-5-48L
PDL-12-56	L012-2-556	DP-241-5-56L
PDL-12-120	L012-2-620	DP-241-5-120L
PDL-30-10	L030-2-510	DP-241-6-10L
PDL-30-12	L030-2-512	DP-241-6-12L
PDL-30-16	L030-2-516	DP-241-6-16L
PDL-30-20	L030-2-520	DP-241-6-20L
PDL-30-24	L030-2-524	DP-241-6-24L
PDL-30-28	L030-2-528	DP-241-6-28L
PDL-30-36	L030-2-536	DP-241-6-36L
PDL-30-48	L030-2-548	DP-241-6-48L
PDL-30-56	L030-2-556	DP-241-6-56L
PDL-30-120	L030-2-620	DP-241-6-120L
PDL-56-10	L056-2-510	DP-241-7-10L
PDL-56-12	L056-2-512	DP-241-7-12L
PDL-56-16	L056-2-516	DP-241-7-16L
PDL-56-20	L056-2-520	DP-241-7-20L
PDL-56-24	L056-2-524	DP-241-7-24L
PDL-56-28	L056-2-528	DP-241-7-28L
PDL-56-36	L056-2-536	DP-241-7-36L
PDL-56-48	L056-2-548	DP-241-7-48L
PDL-56-56	L056-2-556	DP-241-7-56L
PDL-56-120	L056-2-620	DP-241-7-120L
PDL-100-10	L100-2-510	DP-241-8-10L
PDL-100-12	L100-2-512	DP-241-8-12L
PDL-100-16	L100-2-516	DP-241-8-16L
PDL-100-20	L100-2-520	DP-241-8-20L
PDL-100-24	L100-2-524	DP-241-8-24L
PDL-100-28	L100-2-528	DP-241-8-28L
PDL-100-36	L100-2-536	DP-241-8-36L
PDL-100-48	L100-2-548	DP-241-8-48L
PDL-100-56	L100-2-556	DP-241-8-56L
PDL-100-120	L100-2-620	DP-241-8-120L

DC Power Supplies

Cross References

Series: BVA - Linear Regulated Power Supplies

PowerVolt	Bel Industries	Condor	Int'l Power	Lambda	AC DC	Elpac	Power-Tec.
BVA-2AS3	HB2-3-A	HB2-3-A+	IHB2-3	NA	NA	NA	NA
BVA-2BS6	HC2-6-A	HC2-6-A+	IHC2-6	NA	NA	NA	NA
BVA-2DS12	HD2-12-A	HD-2-12-A+	IHD2-12	NA	NA	NA	NA
BVA-2ES18	HE2-18-A	HE-2-18-A+	IHE2-18	NA	NA	NA	NA
BVA-5AS1.5-OVP	HA5-1.5/OVP-A	HA5-1.5/OVP-A+	IHA5-1.5/OVP	NA	NA	SOLV6-5	NA
BVA-5AS3-OVP	HB5-3/0VP-A	HB5-3/0VP-A+	IHB5-3/OVP	LOS-Z-5	ECV5N3-1	SOLV15-5	2B5-3-1
BVA-5BS6-OVP	HC5-6/0VP-A	HC5-6/0VP-A+	IHC5-6/OVP	LOS-Y-5	ECV5N6-1	SOLV30-5	2C5-6B-1
BVA-5CS9-OVP	HN5-9/0VP-A	HN5-9/0VP-A+	IHN5-9/OVP	LOS-X-5	ECV5N9-1	SOLV45-5	2CC5-9B
BVA-5DS12-OVP	HD5-12/0VP-A	HD5-12/0VP-A+	IHD5-12/OVP	LOS-W-5	ECV5N12-1	SOLV60-5	2D5-12B-1
BVA-5ES18-OVP	HE5-18/0VP-A	HE5-18/0VP-A+	IHE5-18/OVP	LOS-V-5	EC5N17	OLV90-5	2ES-25B
BVA-5FS25-OVP	F5-25/0VP-A	F5-25/0VP-A+	IF5-25/OVP	LOS-R-25	EC5N25	OLV12-5	NA
BVA-5GS35-OVP	G5-35/0VP-A	G5-35/0VP-A+	IG5-35/OVP	NA	NA	NA	NA
BVA-12AS0.9	HA15-0.9-A	HA15-0.9-A+	IHA15-0.9	NA	NA	SOLV6-12	NA
BVA-12AS1.7	HB12-1.7-A	HB12-1.7-A+	IHB12-1.7	LOS-Z-12	ECV12N1.7	SOLV15-12	2B15-1.3B
BVA-12BS3.4	HC12-3.4-A	HC12-3.4-A+	IHC12-3.4	LOS-Y-12	ECV12N3.4	SOLV30-112	2C15-2.8B
BVA-12CS5.1	HN12-5.1-A	HN12-5.1-A+	IHN12-5.1	LOS-X-12	ECV12N5	SOLV45-12	2CC115-4.4B
BVA-12DS6.8	HD12-6.8-A	HD12-6.8-A+	IHD12-6.8	LOS-W-12	ECV12N6.8	SOLV60-12	2D15-6B
BVA-12ES10.2	HE12-10.2-A	HE12-10.2-A+	IHE12-10.2	LOS-V-12	EC12N10	OLV90-12	2DD15-9B
BVA-12FS16	F15-15-A	F15-15-A+	IF15-15	NA	EC12N16	OLV120-12	NA
BVA-15AS0.9	HA15-0.9-A	HA15-0.9-A+	IHA15-0.9	NA	NA	SOLV6-15	NA
BVA-15AS1.5	HB15-1.5-A	HB15-1.5-A+	IHB15-1.5	LOS-Z-15	ECV15N1.5	SOLV15-15	2B15-1.3B
BVA-15BS3	HC15-3-A	HC15-3-A+	IHC15-3	LOS-Y-15	ECV15N3	SOLV30-15	2C15-2.8B
BVA-15CS4.5	HN15-4.5-A	HN15-4.5-A+	IHN15-4.5	LOS-X-15	ECV15N4.5	SOLV45-15	2CC15-6B
BVA-15DS6	HD15-6-A	HD15-6-A+	IHD15-6	LOS-W-15	ECV15N6	SOLV60-15	2D15-6B
BVA-15ES9	HE15-9-A	HE15-9-A+	IHE15-9	LOS-V-15	ECV15N9.5	OLV90-15	2DD15-9B
BVA-15FS15	F15-15-A	F15-15-A+	IF15-15	NA	EC15N14	OLV120-15	NA
BVA-24AS0.5	HA24-0.5-A	HA24-0.5-A+	IHA24-0.5	NA	NA	SOLV15-24	NA
BVA-24AS1.2	HB24-1.2-A	HB24-1.2-A+	IHB24-1.2	LOS-Z-24	ECV24N1.2	SOLV30-24	2B24-1B
BVA-24BS2.4	HC24-2.4-A	HC24-2.4-A+	IHC24-2.4	LOS-Y-24	ECV24N2.4	SOLV45-24	2C24-2.3B
BVA-24CS3.6	HN24-3.6-A	HN24-3.6-A+	IHN24-3.6	LOS-X-24	ECV24N3.6	SOLV60-24	2CC24-3.7B
BVA-24DS4.8	HD24-4.8-A	HD24-4.8-A+	IHD24-4.8	LOS-W-24	ECV24N4.8	OLV90-24	WD24-5B
BVA-24ES7.2	HE24-7.2-A	HE24-7.2-A+	IHE24-7.2	LOS-V-24	EC24N7.5	OLV120-24	2DD24-7.5B
BVA-24FS12	F24-12-A	F24-12-A+	IF24-12	NA	EC24N10	OLV240-24	2E24-11B
BVA-28AS0.5	HA24-0.5-A	HA24-0.5-A+	IHA28-0.5	NA	NA	SOLV15-28	NA
BVA-28AS1	HB28-1-A	HB28-1-A+	IHB28-1	LOS-Z-28	NA	SOLV30-28	NA
BVA-28BS2	HC28-2-A	HC28-2-A+	IHC28-2	LOS-Y-28	NA	SOLV45-28	NA
BVA-28CS3	HN28-3-A	HN28-3-A+	IHN28-3	LOS-X-28	NA	SOLV60-28	NA
BVA-28DS4	HD28-4-A	HD28-4-A+	IHD28-4	LOS-W-28	NA	OLV90-28	NA
BVA-28ES6	HE28-6-A	HE28-6-A+	IHE28-6	LOS-V-28	NA	OLV120-28	NA
BVA-28FS10	F24-12-A	F24-12-A+	IF28-12	NA	NA	OLV240-28	NA
BVA-48AS0.5	HB48-0.5-A	HB48-0.5-A+	IHB48-0.5	NA	NA	NA	NA
BVA-48BS1	HC48-1-A	HC48-1-A+	IHC48-1	NA	NA	SOLV30-48	NA
BVA-48DS3	HD48-3-A	HD48-3-A+	IHN48-3	NA	NA	SOLV60-48	NA
BVA-48ES4	HE48-4-A	HE48-4-A+	IHD48-4	NA	NA	NA	NA
BVA-48FS8	HF48-8-A	F48-8-A++	IHE48-8	NA	NA	NA	NA
BVA-5AD1.5/OVP	HAA5-1.5/OVP-A	HAA5-1.5/OVP-A+	IHAA5-1.5/OVP	NA	NA	NA	NA
BVA-5BD3/OVP	HBB5-3/OVP-A	HBB5-3/OVP-A+	IHBB5-3/OVP	NA	NA	NA	NA
BVA-5CD6/OVP	HCC5-6/OVP-A	HCC5-6/OVP-A+	IHCC5-6/OVP	NA	NA	NA	NA
BVA-12AA0.4	HAD12-0.4-A	HAD12-0.4-A+	IHAD12-0.4	NA	NA	NA	NA
BVA-15AA0.4	HAD15-0.4-A	HAD15-0.4-A+	IHAD15-0.4	NA	NA	NA	NA
BVA-12AD1.0	HAA15-0.4-A	HAA15-0.4-A+	IHAA15-0.8	LOD-Y-152	ECV12D1.0	UPS18	2J150-5B
BVA-12BD1.7	HBB15-1.5-A	HBB15-1.5-A+	IHBB15-1.5	LOD-X-152	ECV12D1.7	UPS30	2K150-1.3B
BVA-12CD3.4	HCC15-3-A	HCC15-3-A+	IHCC15-3	LOD-W-152	ECV12D3.4	NA	2L150-2.8D
BVA-12ED5	HDD15-5-A	HDD15-5-A+	IHDD15-5	NA	EC12D5	NA	NA
BVA-52A15T0.4	HTAA-16W-A	HTA+A+-16W-A+	IHTAA-16W	NA	NA	NA	NA
BVA-53B12T1	HBAA-40W-A	HBA+A+-40W-A+	IHBAA-40W	LOT-X-5152A	ETV351	UPS45	2P30TB
BVA-56C12T1.7	HCBB-75W-A	HCBB-75W-A+	IHCBB-75W	LOT-W-5152A	ETV451	NA	2R70TB
BVA-56D12T1	HCAA-60W-A	HCA+A+-60W-A+	IHCAA-60W	LOT-W-5152A	ETV401	NA	NA
BVA-58E12T1.7	CP131-A	CP131-A+	ICP131	LOT-W-5152A	ETV551	NA	NA
BVA-512F12T3.4	HDCC-150W-A	HDCC-150W-A+	IHDCC-150W	LOT-W-5152A	ET601/602	NA	NA
BVA-512JF12T1.7	HDBB-105W-A	HDBB-105W-A+	IHDBB-105W	LOT-W-5152A	ETV651	UPS65	NA

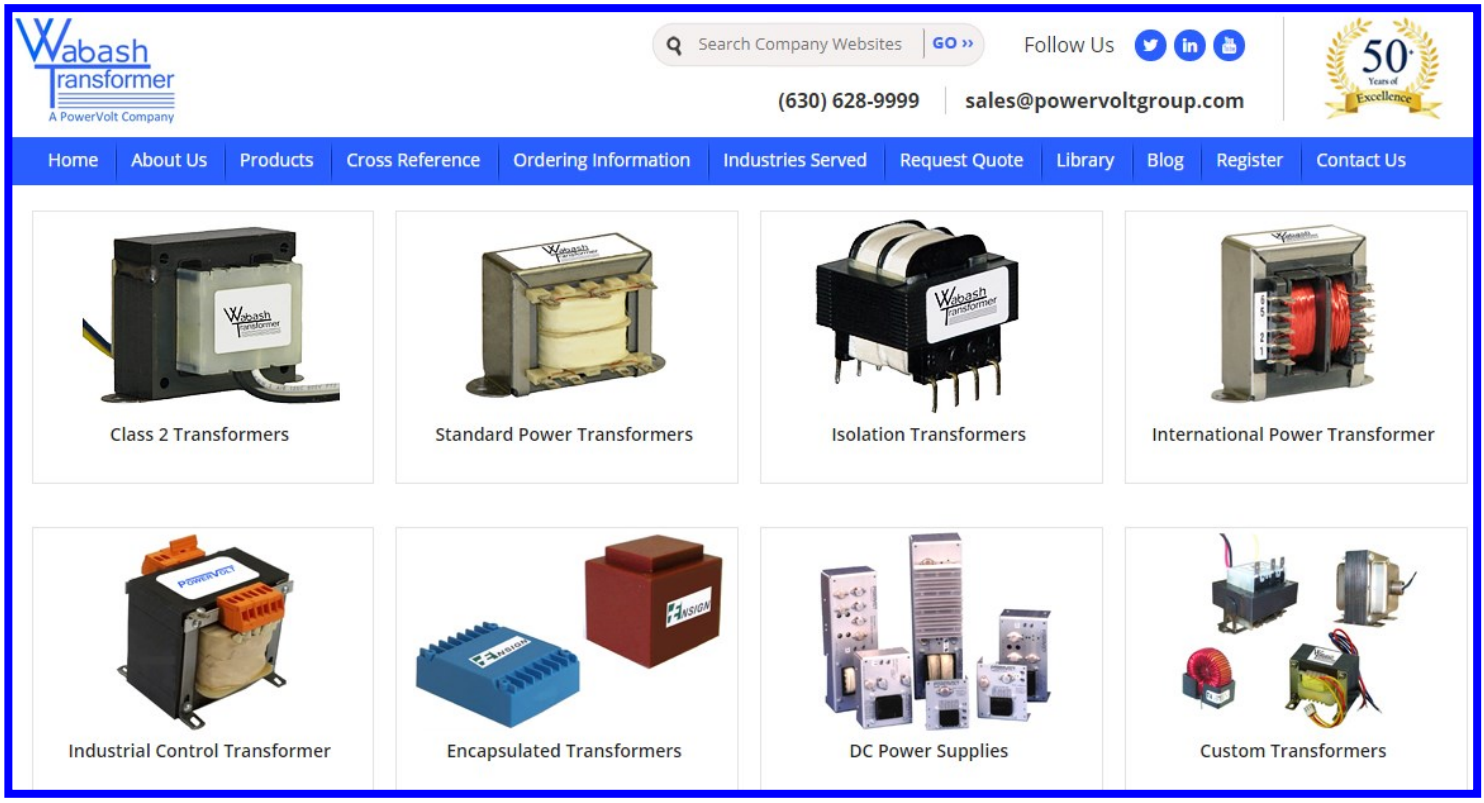
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Cross References

DC Power Supplies

Series: BVU - Unregulated Power Supplies

PowerVolt	Int'l Power
BVU-12FU45	IP500U12
BVU-24FU20	IP500U24
BVU-36FU15	IP500U36
BVU-48FU10	IP500U48
BVU-65FU10	IP500U65
BVU-75FU5	IP500U75



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Notes:

Notes:

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- Commercial Laundry Equipment
- Garage Door Controls
- Swimming Pool, Spas & Water Treatment
- Chimes, Door Bells
- Security systems
- Furnaces
- Humidifiers
- Decorative Lighting
- Intercom Systems
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- Mailing & Letter Handling Machinery
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- Aviation & Aerospace Equipment
- Studio & Public Address Sound Systems
- Metering, Instrumentation & Laboratory Equipment
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