

Shuttleworth Road, Elms Industrial Estate, Bedford. MK41 0EP UK TEL +44(0)1234 330077 FAX +44(0)1234 330088 E-mail sales@dagnall-electronics.com

Iss 1 19/08/03

PRODUCT DATASHEET

50VA CHASSIS MOUNTED TRANSFORMER



- Designed, Manufactured and tested in accordance with BS3535, EN60742*, EN61558*, EN60950.
- Single 230V or Dual 115V Primaries.
- 4800V isolation Primary Secondary
- CE Marked.
- Comprehensive choice of Secondary Voltages.
- Flame Retardant materials to UL94-V0.
- **Fully shrouded double section construction**.

Weight	0.98	Kg
Typical Regulation	10	%
Frequency	50/60	Hz
Max Ambient	25	°C
Bobbin Material	UL94-V0 Class "B" 130°C	

*requires additional over-current /over-temperature protection.

Please see sheet 2 for part numbers.

THIS DOCUMENT IS THE PROPERTY OF DAGNALL ELECTRONICS LIMITED WHICH HOLDS THE COPYRIGHT IN THE DRAWING AND ALL THE DESIGN RIGHTS IN THE PRODUCT OR COMPONENTS DESCRIBED. ANY INFORMATION SHALL NOT BE COPIED, REPRODUCED OR DIVULGED TO A THIRD PARTY NOR SHALL THE PRODUCT OR COMPONENTS BE MADE, COPIED OR REPRODUCED OR ITS EXISTENCE DISCLOSED TO A THIRD PARTY WITHOUT THE PRIOR CONSENT IN WRITING OF DAGNALL ELECTRONICS LIMITED. IN THE INTEREST OF TECHNICAL IMPROVEMENT AND/OR CUSTOMER SERVICE DAGNALL ELECTRONICS RESERVES THE RIGHT TO INTRODUCE MODIFIED SPECIFICATIONS TO ANY OF THE PRODUCTS ILLUSTRATED OR DESCRIBED IN THIS DATASHEET. E&OE



Shuttleworth Road, Elms Industrial Estate, Bedford. MK41 0EP UK TEL +44(0)1234 330077 FAX +44(0)1234 330088 E-mail sales@dagnall-electronics.com

Iss 1 19/08/03

Part No	Primary	Secondary	Recommended Secondary Fuse
D3048	230V	6+6V	4AT
D3049	230V	9+9V	2.5AT
D3050	230V	12+12V	2AT
D3051	230V	15+15V	1.6AT
D3052	115+115V	6+6V	4AT
D3053	115+115V	9+9V	2.5AT
D3054	115+115V	12+12V	2AT
D3055	115+115V	15+15V	1.6AT

Part Numbers

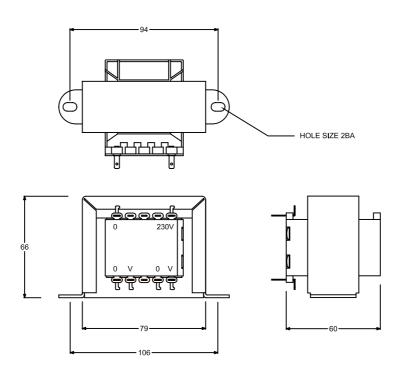
Please see sheets 3 and 4 for dimensions, pin outs and connection information.

THIS DOCUMENT IS THE PROPERTY OF DAGNALL ELECTRONICS LIMITED WHICH HOLDS THE COPYRIGHT IN THE DRAWING AND ALL THE DESIGN RIGHTS IN THE PRODUCT OR COMPONENTS DESCRIBED. ANY INFORMATION SHALL NOT BE COPIED, REPRODUCED OR DIVULGED TO A THIRD PARTY NOR SHALL THE PRODUCT OR COMPONENTS BE MADE, COPIED OR REPRODUCED OR ITS EXISTENCE DISCLOSED TO A THIRD PARTY WITHOUT THE PRIOR CONSENT IN WRITING OF DAGNALL ELECTRONICS LIMITED. IN THE INTEREST OF TECHNICAL IMPROVEMENT AND/OR CUSTOMER SERVICE DAGNALL ELECTRONICS RESERVES THE RIGHT TO INTRODUCE MODIFIED SPECIFICATIONS TO ANY OF THE PRODUCTS ILLUSTRATED OR DESCRIBED IN THIS DATASHEET. E&OE

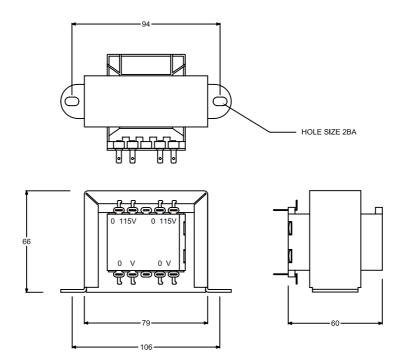
PRODUCT DATASHEET

50VA CHASSIS MOUNTED TRANSFORMER

Outline Drawing 230V Version



Outline Drawing Dual 115V Version



THIS DOCUMENT IS THE PROPERTY OF DAGNALL ELECTRONICS LIMITED WHICH HOLDS THE COPYRIGHT IN THE DRAWING AND ALL THE DESIGN RIGHTS IN THE PRODUCT OR COMPONENTS DESCRIBED. ANY INFORMATION SHALL NOT BE COPIED, REPRODUCED OR DIVULGED TO A THIRD PARTY NOR SHALL THE PRODUCT OR COMPONENTS BE MADE, COPIED OR REPRODUCED OR ITS EXISTENCE DISCLOSED TO A THIRD PARTY WITHOUT THE PRIOR CONSENT IN WRITING OF DAGNALL ELECTRONICS LIMITED. IN THE INTEREST OF TECHNICAL IMPROVEMENT AND/OR CUSTOMER SERVICE DAGNALL ELECTRONICS RESERVES THE RIGHT TO INTRODUCE MODIFIED SPECIFICATIONS TO ANY OF THE PRODUCTS ILLUSTRATED OR DESCRIBED IN THIS DATASHEET. E&OE

Shuttleworth Road, Elms Industrial Estate, Bedford. MK41 0EP UK TEL +44(0)1234 330077 FAX +44(0)1234 330088 E-mail sales@dagnall-electronics.com Issue 1. 19/08/03

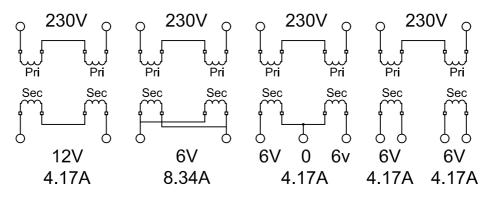
🖹 4 of 4

PRODUCT DATASHEET

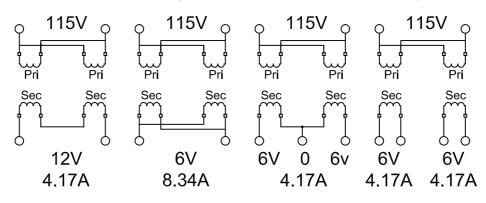
50VA CHASSIS MOUNTED TRANSFORMER

Connection Diagrams for D3048 230V 230V 230V 230V Primary Primary Primary Primary Sec Sec Sec Sec Sec Sec Sec Sec 12V 6V 6V 0 6v 6V 6V 4.17A 8.34A 4.17A 4.17A 4.17A

Connection Diagrams for D3052 - 230V supply



Connection Diagrams for D3052 - 115V supply



THIS DOCUMENT IS THE PROPERTY OF DAGNALL ELECTRONICS LIMITED WHICH HOLDS THE COPYRIGHT IN THE DRAWING AND ALL THE DESIGN RIGHTS IN THE PRODUCT OR COMPONENTS DESCRIBED. ANY INFORMATION SHALL NOT BE COPIED, REPRODUCED OR DIVULGED TO A THIRD PARTY NOR SHALL THE PRODUCT OR COMPONENTS BE MADE, COPIED OR REPRODUCED OR ITS EXISTENCE DISCLOSED TO A THIRD PARTY WITHOUT THE PRIOR CONSENT IN WRITING OF DAGNALL ELECTRONICS LIMITED. IN THE INTEREST OF TECHNICAL IMPROVEMENT AND/OR CUSTOMER SERVICE DAGNALL ELECTRONICS RESERVES THE RIGHT TO INTRODUCE MODIFIED SPECIFICATIONS TO ANY OF THE PRODUCTS ILLUSTRATED OR DESCRIBED IN THIS DATASHEET. E&OE