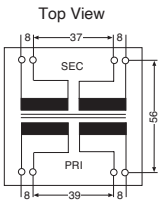
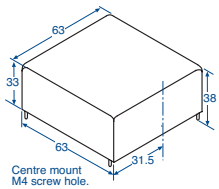
▼ PCB Toroidal

30VA Potted Toroidal





M 4618A, M 4624A & M 4630A only.

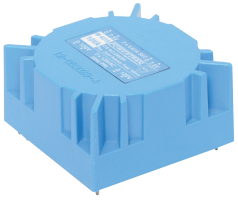
Cat. No.	Sec. V	Sec. Parallel	Sec. Series
M 4615*	7.5 + 7.5	4A	2A
M 4618A	9 + 9	3.3A	1.6A
M 4624A	12 + 12	2.5A	1.2A
M 4630A	15 + 15	2A	1A

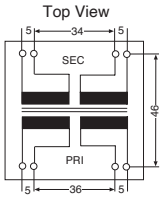
*Limited stocks

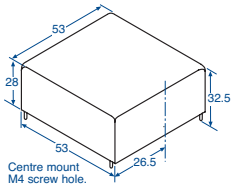
Primary voltage:	2 x 120V AC
Total VA rating:	30VA
Insulation:	Class B (130°C)
Magnetising current:	<30mA
Temperature rise:	<85°C
Thermal Fuse:	84°C
Regulation:	≈16%
Weight:	≈450g
PCB hole size:	2mm

Price Each	RRP	4+	10+
M 4615A	54.95		
M 4618A-30A	79.95	71.95	63.95

10VA Potted Toroidal







M 4324A & M 4330A only.

Cat. No.	Sec. V	Sec. Parallel	Sec Series
M 4312A	6 + 6	1.67A	0.83A
M 4315A*	7.5 + 7.5	1.3A	0.66A
M 4318A*	9 + 9	1.1A	0.5A
M 4324A	12 + 12	0.8A	0.4A
M 4330A	15 + 15	0.6A	0.3A.

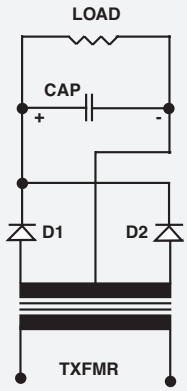
*Limited stocks

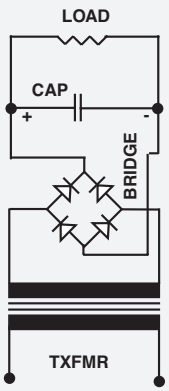
Primary voltage:	2 x 120V AC
Total VA rating:	10VA
Insulation:	Class B (130°C)
Magnetising current:	<20mA
Temperature rise:	<85°C
Thermal fuse:	84°C
Regulation:	≈20%
Weight:	≈210g
PCB hole size:	2mm

Price Each	RRP	4+	10+
ALL	59.95	59.95	53.95

Transformer Data

When a transformer is used in a power supply circuit, the available output voltage and current produced is dependant on the type of rectification used. The following is a close approximation of the expected figures not taking into account any losses.





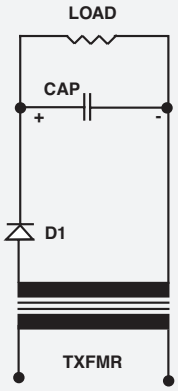


Fig.1 Full wave rectifier
Volts DC = 0.71 x Volts AC
Amps DC = 0.71 x Amps AC

Fig.2 Bridge rectifier
Volts DC = 1.41 x Volts AC
Amps DC = 0.71 x Amps AC

Fig.3 Half wave rectifier
Volts DC = 1.41 x Volts AC
Amps DC = 0.35 x Amps AC

Volts AC = Transformer secondary voltage, Volts DC = Supply output voltage, Amps AC = Transformer max secondary current, Amps DC = Maximum supply output current

▼ El Core

Powertran® El Core Transformers

Manufactured to stringent quality control procedures, all Powertran E-I transformers are fitted with an internal primary thermal fuse*, ensuring maximum safety. However we recommend that an external primary fuse should be fitted where indicated. The value of the fuse should match the recommended value indicated for each model.

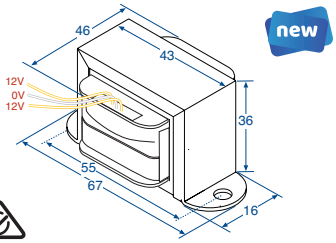
The transformers performance is exceptional, with excellent regulation and temperature rise characteristics. An extensive range of voltage and current outputs are available.

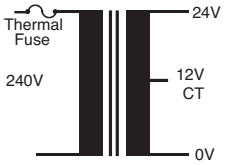
The entire range has been tested and approved to the Australian standard AS/NZS 61558.2.6. This standard is equivalent to the European standard EN61558.2.6 making the transformers suitable for the European market (where 240V is used).

*Note: if internal fuse is overloaded, the entire transformer must be replaced.

All models certified as tested to conform to non-inherently short circuit proof.

24V Centre Tapped 150mA Max





M 2854C 3.6VA, Max 150mA.

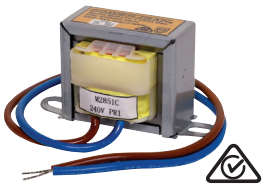
Secondary voltages available:

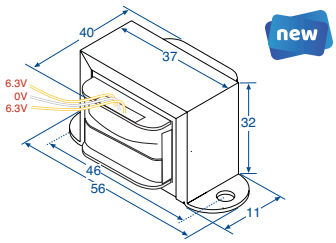
Voltage	Current AC
12V	150mA
24V	150mA

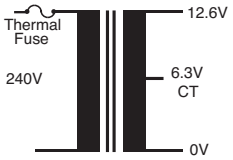
Primary voltage:	240V AC
Total VA rating:	3.6VA
Insulation:	Class E (120°C)
Magnetising current:	<40mA
Temperature rise:	<65°C
Regulation:	≈12%
External AC fuse:	Not required
Thermal fuse:	125°C
Weight:	≈235g
Primary connection:	200mm fly leads
Secondary connection:	200mm fly leads

Price Each	RRP	4+	10+
M 2854C	20.00	18.00	16.00

12.6V Centre Tapped 150mA Max







M 2851C 1.89VA, Max 150mA.

Secondary voltages available:

Voltage	Current AC
6.3V	150mA
12.6V	150mA

Primary voltage:	240V AC
Total VA rating:	1.89VA
Insulation:	Class E (120°C)
Magnetising current:	<30mA
Temperature rise:	<65°C
Regulation:	≈7.5%
External AC fuse:	Not required
Thermal fuse:	125°C
Weight:	≈145g
Primary connection:	200mm fly leads
Secondary connection:	200mm fly leads

Price Each	RRP	4+	10+
M 2851C	11.00	9.90	8.80