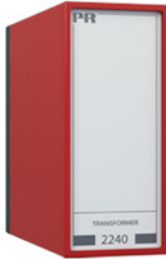


Transformer



2240

- Double-isolated transformer
- 3.75 kVAC isolation voltage
- 30 VA ring core transformer
- Thermal overload protection
- 12 or 24 VAC secondary voltage
- Standard 11-pole relay socket



Advanced features

- Two transformers may be paralleled for higher output power.

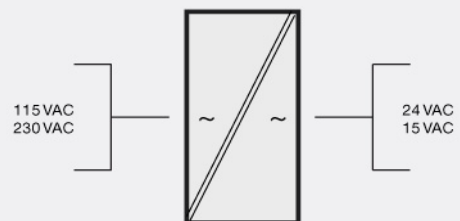
Application

- Transformer for supply of components with 12 or 24 VAC supply voltage.
- Transformer for stabilized DC power supplies, e.g. type 2229.

Technical characteristics

- Standard primary input voltages of 115 or 230 VAC with special primary voltages to order.
- Standard secondary voltages of 12 or 24 VAC with special secondary voltages to order.
- Ring core transformer with separate 3.75 kVAC isolation voltage between primary and secondary windings.
- Fitted with a thermal fuse.
- The device is supplied with a retention clip for a safe attachment to the relay socket.
- Mounting for a standard 11-pole socket which can be adapted for DIN rail or plate use with PR's 7023 adaptor and 7024 mounting keying.

Connections



Order:

| Type | Input | Output |
|------|-------------|-------------|
| 2240 | 115 VAC : A | Special : 0 |
| | 230 VAC : B | 24 VAC : 1 |
| | Special : X | 12 VAC : 2 |

Environmental Conditions

Specifications range..... -20°C to +60°C
Relative humidity..... < 95% RH (non-cond.)
Protection degree..... IP50

Mechanical specifications

Dimensions (HxWxD)..... 80.5 x 35.5 x 84.5 mm (D is without pins)
Weight approx..... 600 g

Common specifications

Isolation voltage

Isolation voltage, test / working..... 3.75 kVAC / 250 VAC
PELV/SELV..... IEC 61140

Power derating..... Tamb. > 25°C, 0.4 VA/°C
EMC immunity influence..... < ±0.5% of span

Input specifications

Primary voltage..... 207...253 VAC
Primary voltage..... 97.75...132.25 VAC
Frequency..... 50...60 Hz

Output specifications

Secondary voltage (loaded)..... 24 VAC / 1.25 A
Secondary voltage (unloaded)..... 28 VAC
Secondary voltage (loaded)..... 12 VAC / 2.50 A
Secondary voltage (unloaded)..... 14 VAC
*of span..... = of the presently selected range

Observed authority requirements

EMC..... 2014/30/EU

Approvals

EAC..... TR-CU 020/2011