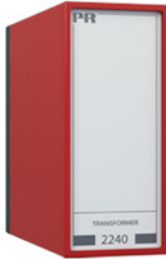


## Transformer



### 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.

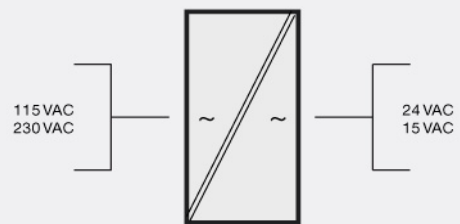
#### Application

- 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.

#### Applications



**Order:**

Type	Input	Output
2240	115 VAC : A	Special : 0
	230 VAC : B	24 VAC : 1
	Special : X	12 VAC : 5

**Environmental Conditions**

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