

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation. All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



8 Pin and 11 Pin Octal Relay

Contact Specification

Contact Form	2Z, 3Z
Contact Resistance	$\leq 100\text{m}\Omega$ (1A 6VDC)
Contact Material	AgCdO AgSnO ²
Contact Capacity	10A 240VAC/30VDC

DC Coil Data

Nominal Voltage	Operate Voltage	Release Voltage	Coil Resistance
VDC	VDC	VDC	$\Omega \pm 10\%$
6	4.8	0.6	22.5
12	9.6	1.2	90
24	19.2	2.4	360
48	38.4	4.8	1440
100	80.0	10.0	6250
110	88.0	11.0	7560

AC Coil Data

Nominal Voltage	Operate Voltage	Release Voltage	Coil Resistance
VAC	VAC	VAC	$\Omega \pm 10\%$
6	4.80	1.8	4.5
12	9.60	3.6	18
24	19.2	7.2	72
48	38.4	14.4	288
110/120	80.0	36.0	1512
220/240	176	72.0	6050/720

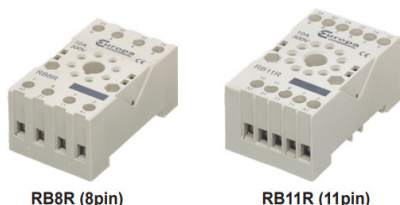
Technical Specification

Insulation Resistance	$\geq 500\text{M}\Omega$ (500VDC)
Dielectric Strength	Between Coil and Contact $\geq 1500\text{VAC}$ 1 Min
	Between Open Contacts $\geq 1000\text{VAC}$ 1 Min
Operate / Release Time	$\leq 20\text{ms}/20\text{ms}$
Terminal Time	Electron Tube Pin

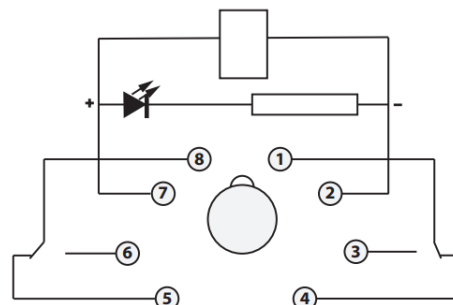
Coil Specification

Rated Coil Power	1.6W/2.8VA
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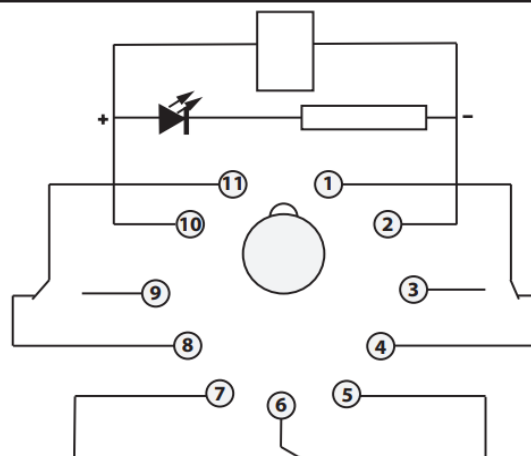
Compatible Bases



Pin Outs



Part Number	Description
R8R110A2PDT	2PCO 10A 110V AC
R8R12A2PDT	2PCO 10A 12V AC
R8R12D2PDT	2PCO 10A 12V DC
R8R230A2PDT	2PCO 10A 230V AC
R8R24A2PDT	2PCO 10A 24V AC
R8R24D2PDT	2PCO 10A 24V DC



Part Number	Description
R11R110A3PDT	3PCO 10A 110V AC
R11R12D3PDT	3PCO 10A 12V DC
R11R230A3PDT	3PCO 10A 230V AC
R11R24A3PDT	3PCO 10A 24V AC
R11R24D3PDT	3PCO 10A 24V DC

Dimensions

