

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 be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



8, 11 and 14 Pin Minature Relay

Contact Specification

Contact Form	2Z, 3Z, 4Z
Contact Resistance	$\leq 100\text{m}\Omega$ (1A 6VDC)
Contact Material	AgCdO AgSnO ²

DC Coil Data

Nominal Voltage	Operate Voltage	Release Voltage	Coil Resistance
VDC	VDC	VDC	$\Omega \pm 10\%$
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
15	11.25	1.5	256
24	19.2	2.4	640
48	38.4	4.8	2560
110	88.0	11.0	12100

AC Coil Data

Nominal Voltage	Operate Voltage	Release Voltage	Coil Resistance
VDC	VDC	VDC	$\Omega \pm 10\%$
6	4.80	1.8	12
12	9.60	3.6	42
24	19.2	7.2	168
48	38.4	14.4	675
110	96.0	36.0	3500
220/240	176.0	66.0	14000/16500

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
	Coils of different poles $\geq 1500\text{VAC}$ 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
R8S12D2PDT	2PCO 10A 12V DC
R8S24D2PDT	2PCO 10A 24V DC
R8S24A2PDT	2PCO 10A 24V AC
R8S110A2PDT	2PCO 10A 110V AC
R8S230A2PDT	2PCO 10A 230V AC
Part Number	Description
R11S12D3PDT	3PCO 6A 12V DC
R11S24D3PDT	3PCO 6A 24V DC
R11S24A3PDT	3PCO 6A 24V AC
R11S110A3PDT	3PCO 6A 110V AC
R11S230A3PDT	3PCO 6A 230V AC
Part Number	Description
R14S12D4PDT	4PCO 6A 12V DC
R14S24D4PDT	4PCO 6A 24V DC
R14S24A4PDT	4PCO 6A 24V AC
R14S110A4PDT	4PCO 6A 110V AC
R14S230A4PDT	4PCO 6A 230V AC

Dimensions

