

Plug In Power Relay RS

IMO



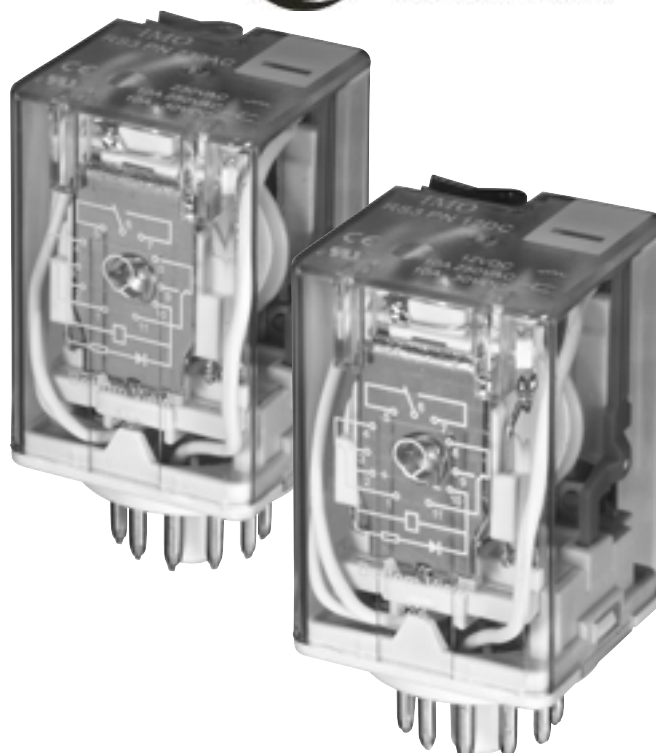
**INDUSTRIAL
CONTROL DIRECT**

A B&D Industrial Company

- General purpose 10 amp Plug In Power Relay available in 2PCO and 3PCO
- Arc barriers prevent flashover between contacts
- Visible latch facility for commissioning/test
- Mechanical flag indicator showing armature operation
- ROSH compliant
- cURus approval

Options and ordering codes

RS	2	PN	- 230VAC
			Coil Voltage
Contact Form			
2 Pole changeover	2	N	Flag and LED
3 Pole changeover	3	P	Manual Operator/latch



Specification

Rated load	10A @ 250V AC/30V DC
Rated current ¹	10A
Maximum switching voltage	250V AC/30 DC
Contact resistance (initial)	100mΩ
Operate time	25 m sec max
Release time	25 m sec max
Maximum operate frequency	1800 ops/hr at maximum rated load
Dielectric strength (Coil - Contact)	2500V AC 50/60 Hz for 1 minute
(Between adjacent Contacts)	2000V AC 50/60 Hz for 1 minute
(Contact Gap)	1000V AC 50/60 Hz for 1 minute
Ambient operating temperatures ²	-40 to + 55 oC
Mechanical service life	10 million ops minimum
Electrical service life ³	100,000 ops at rated load
Protection degree	IP10
Contact material	AgSnO2
Voltage range	80 - 120%
Power consumption	2.5 VA AC 1.35 watts DC

⁽¹⁾ To IEC 255-1-100, IEC 255-0-20 ⁽²⁾ IEC 255-7 (Cat.3) ⁽³⁾ IEC 255-7 (Cat.2)

Coil Data

Rated Voltage	AC Coils		DC Coils	
	Coil resistance (Ω)	Rated current (mA)	Coil resistance (Ω)	Rated current (mA)
12	20	190	110	109
24	88	95	430	56
110	2000	20	9200	12
230	7900	10	-	-

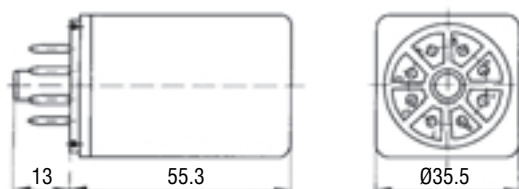
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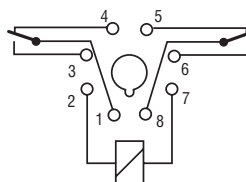
Outline dimensions

Wiring diagram and PC Board layout

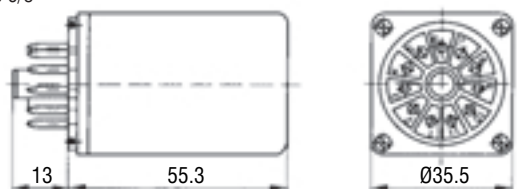
2 C/O



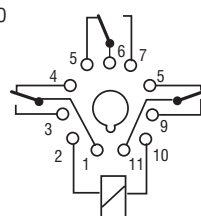
2 C/O



3 C/O

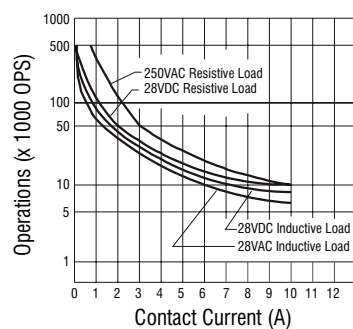


3 C/O

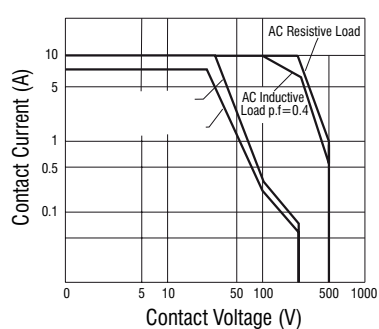


Characteristic Curve

LIFE CURVE



MAXIMUM SWITCHING POWER



SRR8 Panel mount or 35mm Din Rail (EN50022)

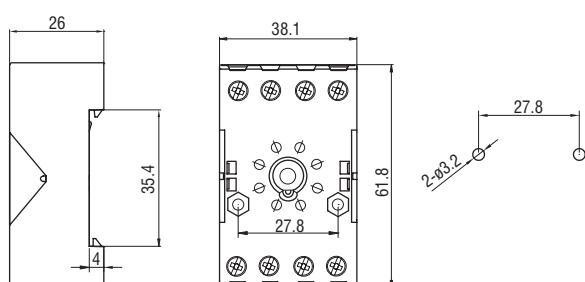


Characteristics

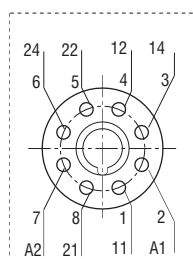
Ambient temperature	-40 to 70 °C
Rated voltage	300VAC
Rated current	15A (Per pole)
Insulation voltage	>5KV
Protection degree	IP20
Socket material	Self-extinguishing-PA66+GF (V0)
Contacts spring material	QSn6.5-0.1
Hold down spring	No
Stew Torque	0.6Nm
Wire Strip length	7mm



Mounting dimension



Inter connection



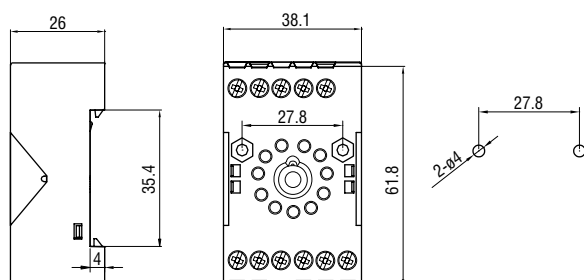
SRR11 Panel mount or 35mm Din Rail (EN50022)

Characteristics

Ambient temperature	-40 to 70 °C
Rated voltage	300VAC
Rated current	15A (Per pole)
Insulation voltage	>5KV
Protection degree	IP20
Socket material	Self-extinguishing-PA66+GF (V0)
Contacts spring material	QSn6.5-0.1
Hold down spring	No
Wire strip length	7mm



Mounting dimension



Inter connection

