

Datasheet


**Stock No: 121-7834, 121-7835, 121-7836, 121-7837, 121-7838**

## RS Pro 3PCO General Purpose Octal Relay

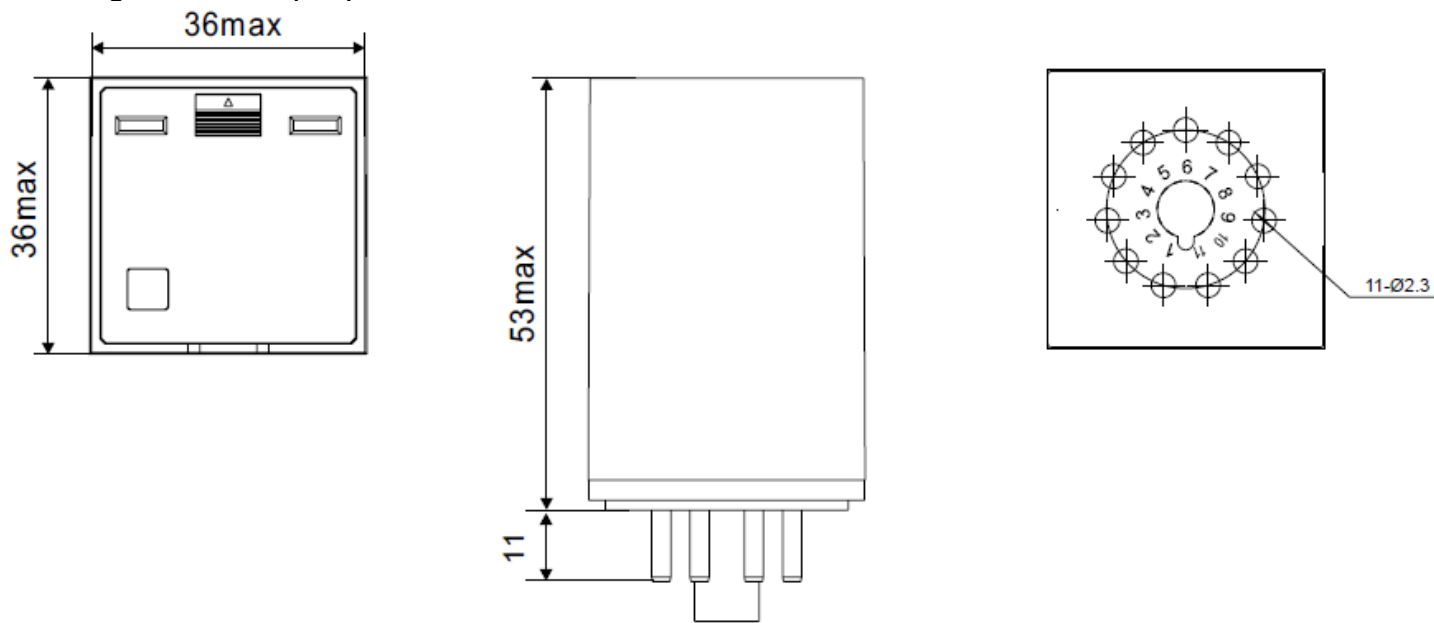


### Specifications:

- 3 Pole 10A General Purpose Octal Relay
- Gold plated contact
- Double side LED integrated in relay
- Lockable test button and inspection window
- Identification of coils through test button colour (AC red / DC blue)
- Conformity with RoHs directive

RS Stock No		121-7834	121-7835	121-7836	121-7837	121-7838
<b>Characteristics</b>						
Nominal Voltage		12VDC	24VDC	24VAC	110VAC	230VAC
Options		LED + Test Button + Diode	LED + Test Button + Diode	LED + Test Button	LED + Test Button	LED + Test Button
Contact	Configuration	3 Pole Change Over				
	Rated Current AC-1	10A/250VAC, 30Vdc (resistive RES); 7A/250Vac 30VDC (perceptual GEN)				
	Switching Capacity (resistive)	2500VA, 300W				
	Initial Contact Resistance	≤50mΩ				
	Material	Ag alloy				
	Electrical Durability	≥10 <sup>5</sup> times (1800 Ops/h)				
	Mechanical Durability	≥10 <sup>7</sup> times (18000 Ops/h)				
Pick-up Voltage (23°C)		≤80%				
Drop-out Voltage (23°C)		DC: ≥10%, AC: ≥30%				
Maximum Voltage (23°C)		110% rated voltage				
Insulation resistance		≥100mΩ (500VDC)				
Coil Operating Power	DC (W)	1.5				
	AC (VA)	2.7				
Operating Time (at nominal voltage)		≤30ms				
Release Time (at nominal voltage)		≤20ms				
Initial Breakdown Voltage	Between open contacts	1000VAC/1min				
	Between Poles	2500VAC/1min				
	Between contacts and coil	2500VAC/1min				
Ambient Temperature		-10~+55°C				
Humidity		35%~85%RH				
Air Pressure		86~106KPa				
Shock Resistance		10G				
Vibration Resistance		10~55Hz double-amplitude: 1.5mm				
Mounting		Plug-in				
Unit Weight		82g				
Certification						

Mounting Dimensions (mm)



Schemes

