

2 & 3 Pole Miniature High Power Relay

R Series Relay

- 2 Pole 8 Pin plug in power relay
- 3 Pole 11 Pin plug in power relay
- 10 Amp switching capacity
- Change over contacts
- AC & DC Coils
- Lockable test button & LED indicator
- Industry standard terminations
- DIN Rail sockets available
- CE & UKCA approved



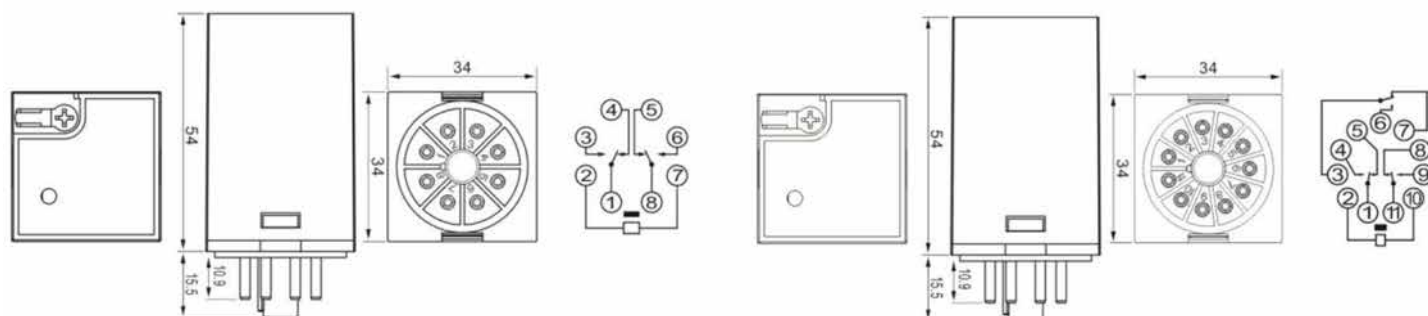
2 Pole 8 Pin Part Number	3 Pole 11 Pin Part Number	Description
R2-12VDC	R3-12VDC	10 Amp Plug In Power Relay 12VDC
R2-24VDC	R3-24VDC	10 Amp Plug In Power Relay 24VDC
R2-24VAC	R3-24VAC	10 Amp Plug In Power Relay 24VAC
R2-110VAC	R3-110VAC	10 Amp Plug In Power Relay 110VAC
R2-240VAC	R3-240VAC	10 Amp Plug In Power Relay 240VAC

Contact Data	
Contact Arrangement	2C / 3C
Contact Resistance	100m Ω
Contact Material	Silver Alloy
Contact Rating	10A 240VAC/28VDC
Max. Switching Voltage	240VAC / 28VDC
Max. Switching Current	10 Amp
Max. Switching Power	2400VA / 280W
Mechanical Life	1 x 10 ⁶ Ops
Electrical Life	1 x 10 ⁵ Ops

Coil	
Coil Power DC	1500mW
Coil Power AC	2.5VA

Characteristics	
Insulation Resistance	100M Ω (at 500VDC)
Dielectric Strength:	
Between Open Contacts	1200VAC
Between Contact Sets	1500VAC
Between Coil & Contacts	1500VAC
Pick Up Voltage (of nominal)	DC: $\leq 75\%$, AC: $\leq 80\%$
Drop Out Voltage (of nominal)	DC: $\geq 10\%$, AC: $\geq 30\%$
Max Voltage (of nominal)	110%
Ambient Temperature	-25°C to +55°C
Unit Weight	Approx 80g
Termination	Plug In
Construction	Dust Proof
Suitable Socket	10FF-2/3Z-C*

Dimensions



2 & 3 Pole DIN Mount Relay Sockets

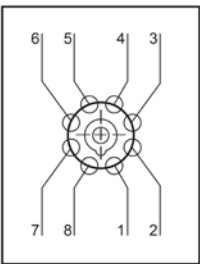
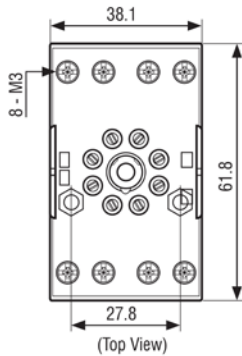
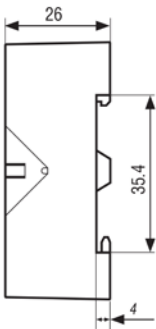
R Series Relay

- For R2 & R3 plug in power relay
- 35mm DIN rail mount
- Retaining clips available
- PCB mount sockets also available
- CE & UKCA approved

Socket Characteristics	
Ambient Temperature	-40°C to +70°C
Voltage Rating	250VAC
Current Rating	10A Per Pole
DIN Protection Rating	IP20
Construction Material	PA66+GF V0 (UL)
Terminal Torque	0.6N.m
Wire Strip Length	7mm
Relay Application	R2 & R3
Dielectric Strength	2000VAC

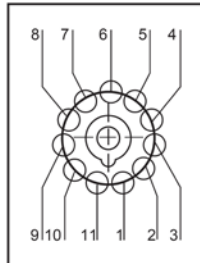
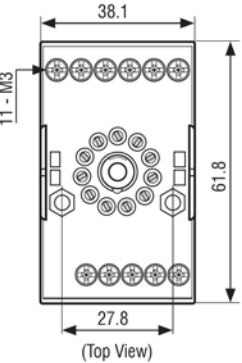
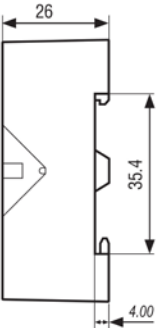
Base Part Number	Description
10FF-2Z-C3	2 Pole 8 Pin DIN Socket for R2 Relay
10FF-3Z-C3	3 Pole 11 Pin DIN Socket for R3 Relay
10FF-TEC	Metal Retaining Clip for R2 & R3 Relay and C3 Sockets

10FF-2Z-C3



Wiring Diagram

10FF-3Z-C3



Wiring Diagram