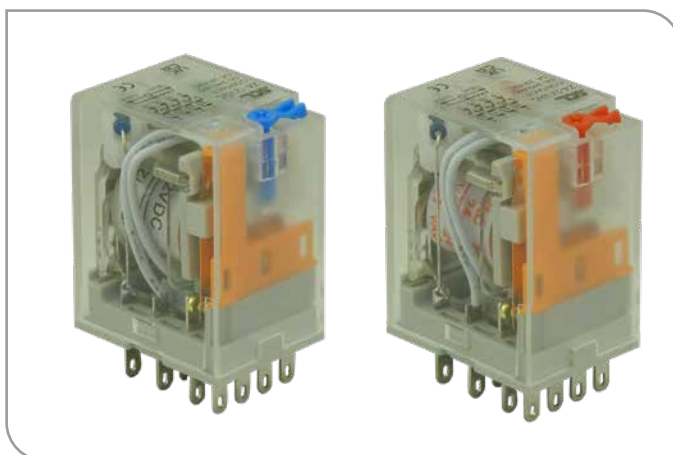


4 Pole Miniature Intermediate Power Relay

Z Series Relay

- 14 Pin plug in power relay
- 4 Pole configuration
- 5 Amp switching capacity
- Change over contacts
- AC & DC Coils
- Lockable test button, flag & LED indicator
- Industry standard terminations
- DIN Rail & PCB sockets available
- CE & UKCA approved



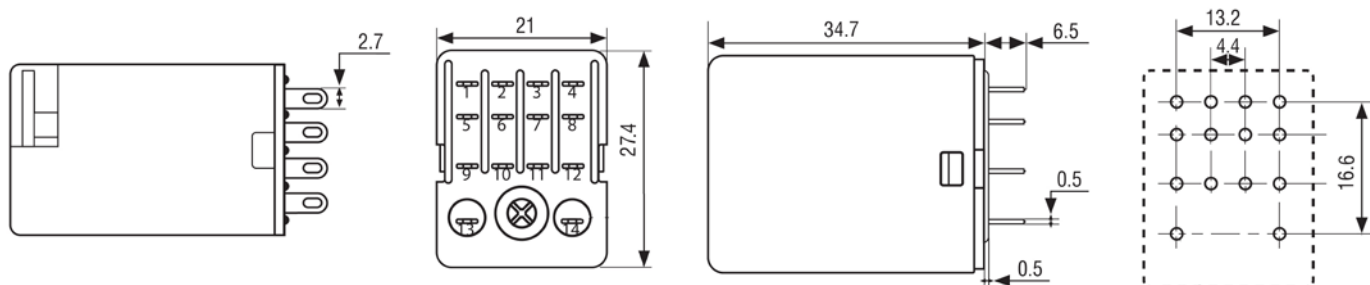
Part Number	Description
Z4-12VDC	5 Amp 4 Pole 14 Pin Plug In Relay 12VDC with Test Button, Flag & LED Indicator
Z4-24VDC	5 Amp 4 Pole 14 Pin Plug In Relay 24VDC with Test Button, Flag & LED Indicator
Z4-24VAC	5 Amp 4 Pole 14 Pin Plug In Relay 24VAC with Test Button, Flag & LED Indicator
Z4-110VAC	5 Amp 4 Pole 14 Pin Plug In Relay 110VAC with Test Button, Flag & LED Indicator
Z4-240VAC	5 Amp 4 Pole 14 Pin Plug In Relay 240VAC with Test Button, Flag & LED Indicator

Contact Data	
Contact Arrangement	4C
Contact Resistance	50m Ω
Contact Material	Ag Alloy + Au Flash
Contact Rating	5A 240VAC/28VDC
Max. Switching Voltage	240VAC / 28VDC
Max. Switching Current	5 Amp
Max. Switching Power	1200VA / 140W
Mechanical Life	1 x 10 ⁶ Ops
Electrical Life	1 x 10 ⁵ Ops

Coil	
Coil Power DC	900mW
Coil Power AC	1.2VA

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 40g
Termination	Plug In
Construction	Dust Proof
Suitable Socket	18FF-4Z-C*

Dimensions



4 Pole DIN Mount Relay Sockets

Z Series Relay

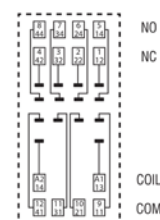
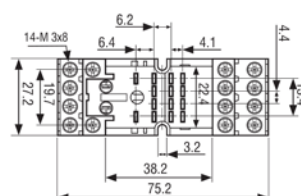
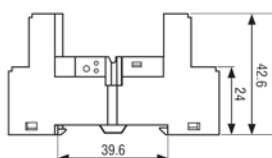
- For Z4 plug in power relay
- 35mm DIN rail mount
- Ejector/Retaining clips and marking tags
- PCB mount sockets also available
- CE & UKCA approved

Socket Characteristics

Ambient Temperature	-40°C to +70°C
Voltage Rating	250VAC
Current Rating	7A Per Pole
DIN Protection Rating	IP20
Construction Material	PA66+GF V0 (UL)
Terminal Torque	0.6N.m
Wire Strip Length	7mm
Relay Application	Z4
Dielectric Strength	2000VAC

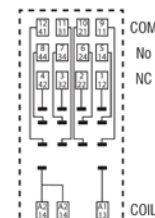
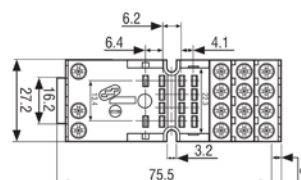
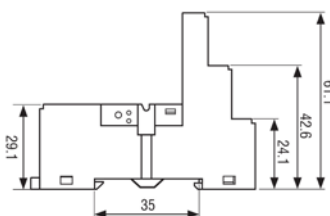
Base Part Number	Description
18FF-4Z-C4	4 Pole DIN Socket for Z4 Relay
18FF-4Z-C5	4 Pole DIN Socket for Z4 Relay
18FF-4Z-C7	4 Pole DIN Socket for Z4 Relay
18FF-ERC	Plastic Ejector/Retaining Clip for Z4 Relay and C4/C5 Sockets
18FF-KRC	Metal Retaining Clip for Z4 Relay and C4/C5/C7 Sockets
18FF-MARKING TAG	Marking Tag for C4 & C5 DIN Sockets
18FF-MARKING TAG C7	Marking Tag for C7 DIN Socket

18FF-4Z-C4



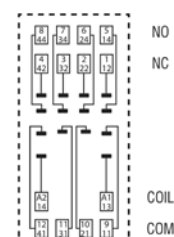
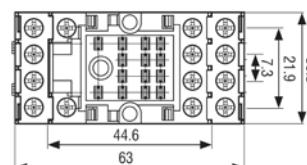
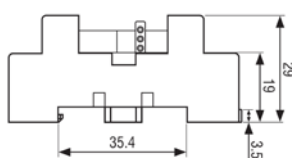
(Top View)

18FF-4Z-C5



(Top View)

18FF-4Z-C7



(Top View)