

Miniature relays

PCB mount or plug-in

- Compact
- Suitable for high power switching
- High surge withstand capability
- Operates reliably in high temperatures
- 5 mm pinning



Cat. No.

40.61...V AC

40.61...V DC



Cat. No.

44.62...V DC

Contact specifications

Contact configuration	1 C/O	2 C/O
Rated current	16 A	10 A
Rated voltage	250 V AC	
Rated load in AC 1	4,000 VA	2,500 VA
Rated load in AC 15 (230 V AC)	750 VA	500 VA
Single phase motor rating (230 V AC)	0.55 kW	0.37 kW
Breaking capacity in DC 1 : 30/110/220 V	16/0.3/0.12 A	10/0.3/0.13 A
Maximum peak current	30 A	20 A
Maximum switching voltage	400 V AC	
Minimum switching load	500 mW	300 mW

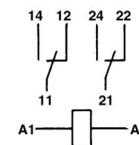
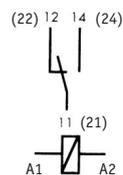
Coil specifications

Nominal voltage (U _N)	(50/60 Hz) AC	240 V AC	–
	DC	12, 24	12, 24, 110 i
Rated power AC/DC	0.65 W		
Operation range	(50 Hz) AC	(0.8...1.5) U _N	
	DC	(0.73...1.5) U _N	
Holding voltage AC/DC	–/0.4 U _N		
Must drop-out voltage	–/0.1 U _N		

Technical data

Mechanical life AC/DC	10.10 ⁶ /20.10 ⁶ cycles	–/20.10 ⁶ cycles
Electrical life @ rated load AC 1	100.10 ³ cycles	
Insulation between coil and contacts	6 kV	
Ambient temperature range	–40 °C...+85 °C	
Protection rating	IP 50	

Connection diagram



Recommended bases

Compatible screwless terminal base see Part B, Section 10 Page 10-39

95.05 Screw terminal bases

95.15 PCB mount base

99.02 LED module plug-in

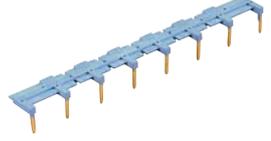
95.18 8 way jumper link

Notes: The equipment on this page is rated 230/400 V and is suitable for use on 240/415 V systems as per AS 60038:2000.

i Available on indent only.

Relay bases and Accessories

Bases for series 40 & 44 relays

(Refer to page 9 - 35 for relay base dimensions).			
Cat. No.	95.05	95.15	95.18
Description	DIN rail mounting screw terminal base. Separate coil & contact terminals. Accepts 99-02 series modules.	PCB mounting base.	Jumper 8 way for parallelling 95.05 base terminals. Maximum 10 A, 250 V.
Relay to suit	PCB relay 40.51, 40.52, 40.61 and 44.62	PCB relay, 40.51, 40.52, 40.61, 44.62	40 and 44 series
Retaining clip	Supplied with base	N/A	N/A
	 Quick and easy relay replacement		
Cat. No.	95.85	95.75	95.08
Description	DIN rail mounting. In-built retaining and extractor mechanism. Accepts 99.8 series modules.	DIN rail mounting base shrouded terminals. Accepts 99.01 series modules.	Common link - 8 way for parallelling 95.75 and 95.85 base terminals. Maximum 10 A, 250 V.
Relay to suit	PCB relay, 40.51, 40.52, 40.61, 44.62	PCB relay, 40.51, 40.52, 40.61, 44.62	40 and 44 series.
Retaining clip	Supplied with base	Supplied with base	N/A

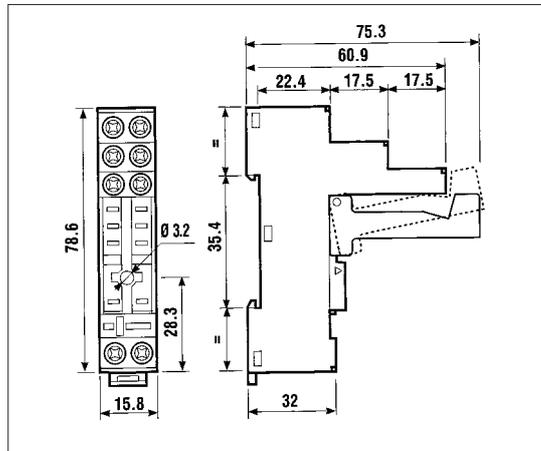
LED and diode modules for series 40, 44 and 62

 ROBUST & TAMPER-PROOF MODULES			
Cat. No.	99.020...	99.023...	99.029...
Description	LED module plug-in Tamper-proof	Diode module plug-in Tamper-proof	LED & diode module plug-in Tamper-proof
Voltage ref no. (Add to above Cat. No.)	(024) 6 - 24 V AC/DC (060) 28 - 60 V AC/DC (240) 110 - 240 V AC/DC	(000) 6 - 220 V DC DC voltages only	(024) 6 - 24 V DC (060) 25 - 60 V DC (220) 110 - 220 VDC DC voltages only.
Suitable for bases	95.05, 92.03	95.05, 92.03	95.05, 92.03

Relay base dimensions (mm)

40 Series

Cat No. 95.05



Relay dimensions (mm)

40 Series

Cat. No. 40.61

