

Features

1 Pole - 6 A electromechanical relay interface modules, 6.2 mm wide.

Ideal interface for PLC and electronic systems

- Sensitive DC coil or AC/DC coil versions
- Integral coil indication and protection circuit
- Instant ejection of relay using plastic retaining clip
- UL Listing (certain relay/socket combinations)
- 35 mm rail (EN 60715) mounting






38.51 / 38.51.3
Screw terminal



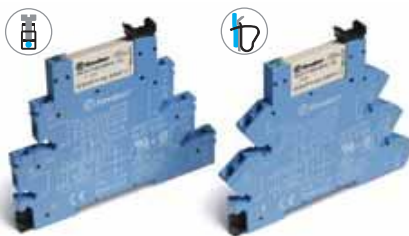
38.61 / 38.61.3
Screwless terminal



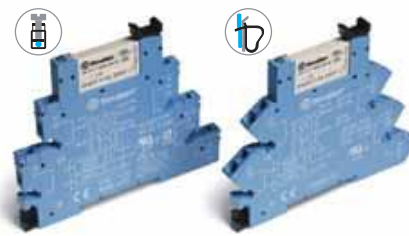
* Special version for max ambient temperature +70°C.
For outline drawing see page 12

Contact specification					
Contact configuration		1 CO (SPDT)		1 CO (SPDT)	
Rated current/Maximum peak current	A	6/10		6/10	
Rated voltage/Maximum switching voltage V AC		250/400		250/400	
Rated load AC1	VA	1,500		1,500	
Rated load AC15 (230 V AC)	VA	300		300	
Single phase motor rating (230 V AC)	kW	0.185		0.185	
Breaking capacity DC1: 30/110/220 V	A	6/0.2/0.12		6/0.2/0.12	
Minimum switching load	mW (V/mA)	500 (12/10)		500 (12/10)	
Standard contact material		AgNi		AgNi	
Coil specification					
Nominal voltage (U _N)	V AC/DC	12 - 24 - 48 - 60 - (110...125) - (220...240)		(110...125)	—
	V AC	(230...240)*		—	(230...240)
	V DC	6 - 12 - 24 - 48 - 60 (non polarized)		—	—
Rated power AC/DC	VA [50 Hz]/W	See page 9		1/1	0.5/—
Operating range	AC/DC	(0.8...1.1)U _N		(94...138)V	—
	AC	(184...264)V		—	(184...264)V
	DC	(0.8...1.2)U _N		—	
Holding voltage	AC/DC	0.6 U _N / 0.6 U _N		0.6 U _N / 0.6 U _N	
Must drop-out voltage	AC/DC	0.1 U _N / 0.05 U _N		44 V	72 V
Technical data					
Mechanical life AC/DC	cycles	10 · 10 ⁶		10 · 10 ⁶	
Electrical life at rated load AC1	cycles	60 · 10 ³		60 · 10 ³	
Operate/release time	ms	5/6		5/6	
Insulation between coil and contacts (1.2/50 μs)	kV	6 (8 mm)		6 (8 mm)	
Dielectric strength between open contacts V AC		1,000		1,000	
Ambient temperature range (U _N ≤ 60 V/>60V)	°C	−40...+70/−40...+55		−/−40...+55	
Protection category		IP 20		IP 20	
Approvals relay (according to type)		    RINA 			

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38.51.3 / 38.61.3



- 1 pole electromechanical relay
- Screw terminal and screwless terminal
- 35 mm rail (EN 60715) mounting

- Leakage current suppression
- 1 pole electromechanical relay
- Screw terminal and screwless terminal
- 35 mm rail (EN 60715) mounting

