

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 50022) 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 8

		38.51/61	38.51.3 / 38.61.3	
		<ul style="list-style-type: none"> • 1 pole electromechanical relay • Screw terminal and screwless terminal • 35 mm rail (EN 50022) mounting 	<ul style="list-style-type: none"> • 1 pole electromechanical relay • Leakage current suppression • Screw terminal and screwless terminal • 35 mm rail (EN 50022) mounting 	
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	6/0.2/0.15		6/0.2/0.15
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 7		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 92 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)				