

Features

Ultra-slim 1 Pole - 6 A relay

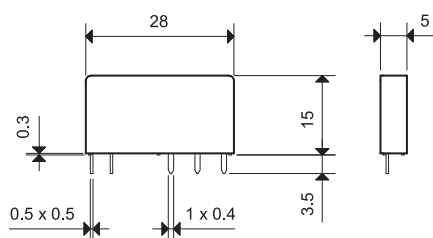
Printed circuit mount

- direct or via PCB socket

35 mm rail mount

- via screw or screwless sockets

- 1 Pole changeover contacts or 1 Pole normally open contact
- Ultra slim, 5 mm, package
- Sensitive DC coil - 170 mW (Dual AC/DC coil drive possible using 93 series sockets)
- UL Listing (certain relay/socket combinations)
- Cadmium Free contact materials
- 8/8 mm clearance/creepage distance
- 6 kV (1.2/50 μ s) insulation, coil-contacts



FOR UL RATINGS SEE:
"General technical information" page V

Contact specification

Contact configuration	1 CO (SPDT)
Rated current/Maximum peak current	A 6/10
Rated voltage/Maximum switching voltage V AC	250/400
Rated load AC1	VA 1,500
Rated load AC15 (230 V AC)	VA 300
Single phase motor rating (230 V AC)	kW 0.185
Breaking capacity DC1: 30/110/220 V	A 6/0.2/0.12
Minimum switching load	mW (V/mA) 500 (12/10)
Standard contact material	AgNi

Coil specification

Nominal voltage (U_N)	V AC (50/60 Hz)	—
	V DC	5 - 12 - 24 - 48 - 60
Rated power AC/DC	VA (50 Hz)/W	—/0.17
Operating range	AC	—
	DC	(0.7...1.5) U_N
Holding voltage	AC/DC	—/0.4 U_N
Must drop-out voltage	AC/DC	—/0.05 U_N

Technical data

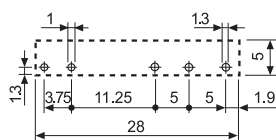
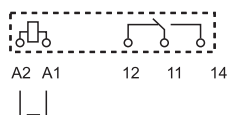
Mechanical life AC/DC	cycles	—/10 · 10 ⁶
Electrical life at rated load AC1	cycles	60 · 10 ³
Operate/release time	ms	5/3
Insulation between coil and contacts (1.2/50 μ s)	kV	6 (8 mm)
Dielectric strength between open contacts V AC		1,000
Ambient temperature range	°C	−40...+85
Environmental protection		RT II

Approvals (according to type)

34.51



- 5 mm wide
- Low coil power
- PCB or 93 series sockets



Copper side view