

Features

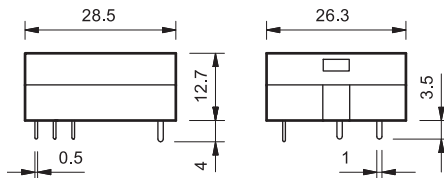
1 Pole relay range

- 40.11 - 1 Pole 10 A (Flat pack)
- 40.11-2016 - 1 Pole 16 A (Flat pack)
- 40.41 - 1 Pole 10 A (Vertical)

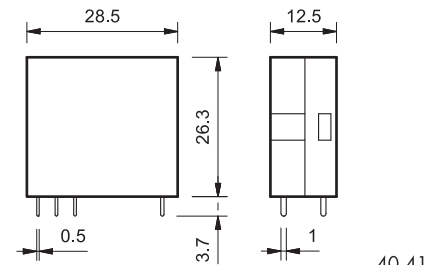
PCB mount

- direct or via PCB socket (40.41 version)

- DC coils
- Cadmium Free option available
- 8 mm, 6 kV (1.2/50 μs) isolation, coil-contacts
- 40.41 - NO version available



40.11



40.41

FOR UL RATINGS SEE:
"General technical information" page 3

40.11



- 1 Pole 10 A
- Flat pack
- PCB mount

40.11-2016

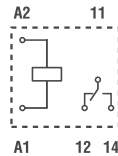


- 1 Pole 16 A
- Flat pack
- PCB mount

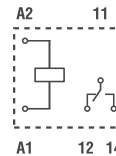
40.41



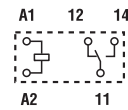
- 1 Pole 10 A
- Vertical
- PCB or 95 series socket



Copper side view



Copper side view



Copper side view

Contact specification				
Contact configuration		1 CO (SPDT)	1 CO (SPDT)	1 CO (SPDT)
Rated current/Maximum peak current	A	10/20	16/30	10/20
Rated voltage/Maximum switching voltage V AC		250/400	250/400	250/400
Rated load AC1	VA	2,500	4,000	2,500
Rated load AC15 (230 V AC)	VA	500	750	500
Single phase motor rating (230 V AC)	kW	0.37	0.55	0.37
Breaking capacity DC1: 30/110/220 V	A	10/0.3/0.12	16/0.3/0.12	10/0.3/0.12
Minimum switching load	mW (V/mA)	300 (5/5)	500 (10/5)	300 (5/5)
Standard contact material		AgCdO	AgCdO	AgCdO
Coil specification				
Nominal voltage (U _N)	V AC (50/60 Hz)	—	—	—
	V DC	6 - 12 - 24 - 48 - 60	6 - 12 - 24 - 48	6 - 12 - 24 - 48 - 60
Rated power AC/DC/sens. DC	VA (50 Hz)/W/W	—/—/0.5	—/—/0.5	—/—/0.5
Operating range	AC	—	—	—
	DC/sens. DC	—/(0.73...1.75)U _N	—/(0.73...1.5)U _N	—/(0.73...1.75)U _N
Holding voltage	AC/DC	—/0.4 U _N	—/0.4 U _N	—/0.4 U _N
Must drop-out voltage	AC/DC	—/0.1 U _N	—/0.1 U _N	—/0.1 U _N
Technical data				
Mechanical life AC/DC	cycles	—/20 · 10 ⁶	—/20 · 10 ⁶	—/20 · 10 ⁶
Electrical life at rated load AC1	cycles	200 · 10 ³	50 · 10 ³	200 · 10 ³
Operate/release time	ms	12/4	12/4	12/4
Insulation between coil and contacts (1.2/50 μs)	kV	6 (8 mm)	6 (8 mm)	6 (8 mm)
Dielectric strength between open contacts V AC		1,000	1,000	1,000
Ambient temperature range	°C	−40...+70	−40...+70	−40...+70
Environmental protection		RT I	RT I	RT I
Approvals (according to type)				