

Power relays 1 and 2 pole for direct PCB or socket mount

Type 40.31

- 1 CO 10 A (3.5 mm pin pitch)

Type 40.51

- 1 CO 10 A (5 mm pin pitch)

Type 40.52

- 2 CO 8 A (5 mm pin pitch)

- DC coils (standard or sensitive) or AC coils
- Cadmium-free contact material
- 8 mm Creepage and Clearance, 6 kV (1.2/50µs) between coil and contact
- 95 series sockets for PCB or 35 mm rail mounting (EN 60715) with Screw, Screwless or Push-in terminals
- Coil Indication and EMC suppression modules 99 series and Timer module 86.30 options
- Environmental protection:
RT II - flux proof (Standard)
RT III - wash tight (Option)

FOR UL RATINGS SEE:

"General technical information" page V

For outline drawing see page 10

Contact specification

Contact configuration

Rated current/Maximum peak current A

Rated voltage/
Maximum switching voltage V AC

Rated load AC1 VA

Rated load AC15 (230 V AC) VA

Single phase motor rating (230 V AC) kW

Breaking capacity DC1: 30/110/220 V A

Minimum switching load mW (V/mA)

Standard contact material

Coil specification

Nominal voltage (U_N) V AC (50/60 Hz)
V DC

Rated power AC/DC/sens. DC VA (50 Hz)/W/W

Operating range AC
DC/sens. DC

Holding voltage AC/DC

Must drop-out voltage AC/DC

Technical data

Mechanical life cycles

Electrical life at rated load AC1 cycles

Operate/release time ms

Insulation between coil
and contacts (1.2/50 µs) kV

Dielectric strength
between open contacts V AC

Ambient temperature range °C

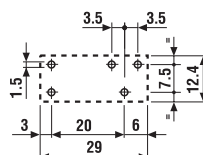
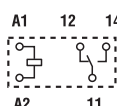
Environmental protection

Approvals (according to type)

40.31



- 1 CO 10 A
- 3.5 mm pin pitch
- PCB or 95 Series socket mount



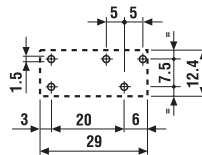
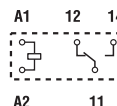
Copper side view

Pin length 5.3 mm for
PCB or sockets

40.51



- 1 CO 10 A
- 5.0 mm pin pitch
- PCB or 95 Series socket mount



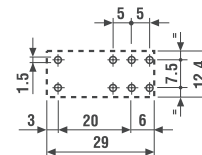
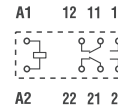
Copper side view

Pin length 5.3 mm for
PCB or sockets

40.52



- 2 CO 8 A
- 5.0 mm pin pitch
- PCB or 95 Series socket mount



Copper side view

Pin length 5.3 mm for
PCB or sockets