

**2 CO relay interface modules,  
15.8 mm wide**  
**Ideal interface for PLC and electronic systems**

**Type 48.P5**

- 2 CO 8 A
- Push-in terminals

**Type 48.52**

- 2 CO 8 A
- Screw terminals

- AC coils or DC sensitive coils
- Supply status indication and EMC coil suppression module as standard
- Identification label
- UL Listing (certain relay/socket combinations)
- 35 mm rail (EN 60715) mounting
- Cadmium-free contact material

48.P5

Push-in terminal

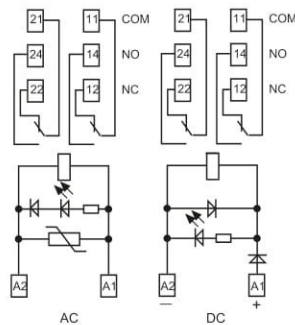


48.52

Screw terminal



- 2 CO 8 A
- Push-in terminals



For outline drawing see page 9

**Contact specification**

|                                             |           |             |
|---------------------------------------------|-----------|-------------|
| Contact configuration                       |           | 2 CO (DPDT) |
| Rated current/Maximum peak current          | A         | 8/15        |
| Rated voltage/<br>Maximum switching voltage | V AC      | 250/250     |
| Rated load AC1                              | VA        | 2000        |
| Rated load AC15 (230 V AC)                  | VA        | 400         |
| Single phase motor rating (230 V AC)        | kW        | 0.3         |
| Breaking capacity DC1: 30/110/220 V         | A         | 8/0.3/0.12  |
| Minimum switching load                      | mW (V/mA) | 300 (5/5)   |
| Standard contact material                   |           | AgNi        |

**Coil specification**

|                           |                 |                           |
|---------------------------|-----------------|---------------------------|
| Nominal voltage ( $U_N$ ) | V AC (50/60 Hz) | 12 - 24 - 110 - 120 - 230 |
|                           | V DC            | 12 - 24 - 125             |
| Rated power AC/sens. DC   | VA (50 Hz)/W    | 1.2/0.5                   |
| Operating range           | AC              | $(0.8 \dots 1.1) U_N$     |
|                           | sens. DC        | $(0.73 \dots 1.5) U_N$    |
| Holding voltage           | AC/DC           | $0.8 U_N / 0.4 U_N$       |
| Must drop-out voltage     | AC/DC           | $0.2 U_N / 0.1 U_N$       |

**Technical data**

|                                                          |              |                       |
|----------------------------------------------------------|--------------|-----------------------|
| Mechanical life                                          | cycles       | $10 \cdot 10^6$       |
| Electrical life at rated load AC1                        | cycles       | $100 \cdot 10^3$      |
| Operate/release time                                     | ms           | 7/4 (AC) - 12/12 (DC) |
| Insulation between coil<br>and contacts (1.2/50 $\mu$ s) | kV           | 6 (8 mm)              |
| Dielectric strength<br>between open contacts             | V AC         | 1000                  |
| Ambient temperature range                                | $^{\circ}$ C | -40...+70             |
| Protection category                                      |              | IP 20                 |

**Approvals relay** (according to type)

