

**1 & 2 CO relay interface modules,  
15.8 mm wide with Push-in terminal**  
**Ideal interface for PLC and electronic systems**

### Type 4C.P1

- 1 CO 10 A

### Type 4C.P2

- 2 CO 8 A

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

4C.P1 / 4C.P2  
Push-in terminals

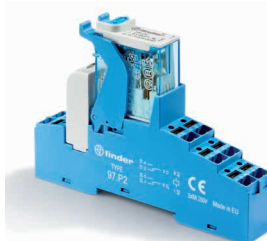


### NEW 4C.P1

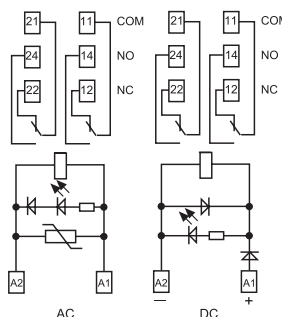
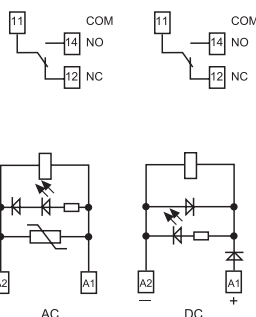


- 1 CO 10 A
- Push-in terminals

### NEW 4C.P2



- 2 CO 8 A
- Push-in terminals



For outline drawing see page 5

### Contact specification

|                                             |           |             |             |
|---------------------------------------------|-----------|-------------|-------------|
| Contact configuration                       |           | 1 CO (SPDT) | 2 CO (DPDT) |
| Rated current/Maximum peak current          | A         | 10/25       | 8/15        |
| Rated voltage/<br>Maximum switching voltage | V AC      | 250/440     | 250/440     |
| Rated load AC1                              | VA        | 4000        | 2000        |
| Rated load AC15 (230 V AC)                  | VA        | 750         | 350         |
| Single phase motor rating (230 V AC)        | kW        | 0.55        | 0.37        |
| Breaking capacity DC1: 30/110/220 V         | A         | 10/0.5/0.15 | 6/0.5/0.15  |
| Minimum switching load                      | mW (V/mA) | 300 (5/5)   | 300 (5/5)   |
| Standard contact material                   |           | AgNi        | AgNi        |

### Coil specification

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

### Technical data

|                                                          |              |                        |                        |
|----------------------------------------------------------|--------------|------------------------|------------------------|
| Mechanical life AC/DC                                    | cycles       | $10 \cdot 10^6$        | $10 \cdot 10^6$        |
| Electrical life at rated load AC1                        | cycles       | $100 \cdot 10^3$       | $100 \cdot 10^3$       |
| Operate/release time                                     | ms           | 15/5 (AC) - 15/12 (DC) | 10/3 (AC) - 10/10 (DC) |
| Insulation between coil<br>and contacts (1.2/50 $\mu$ s) | kV           | 6 (8 mm)               | 6 (8 mm)               |
| Dielectric strength<br>between open contacts             | V AC         | 1000                   | 1000                   |
| Ambient temperature range                                | $^{\circ}$ C | -40...+70              | -40...+70              |
| Protection category                                      |              | IP 20                  | IP 20                  |

**Approvals - relay** (according to type)



**1 & 2 CO relay interface modules,  
15.8 mm wide with screw terminal****Ideal interface for PLC and electronic systems****Type 4C.01**

- 1 CO 16 A

**Type 4C.02**

- 2 CO 8 A

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

4C.01 / 4C.02

Screw terminals



For outline drawing see page 5

**Contact specification**

|                                             |           | 1 CO (SPDT) | 2 CO (DPDT) |
|---------------------------------------------|-----------|-------------|-------------|
| Contact configuration                       |           | 1 CO (SPDT) | 2 CO (DPDT) |
| Rated current/Maximum peak current          | A         | 16/25       | 8/15        |
| Rated voltage/<br>Maximum switching voltage | V AC      | 250/440     | 250/440     |
| Rated load AC1                              | VA        | 4000        | 2000        |
| Rated load AC15 (230 V AC)                  | VA        | 750         | 350         |
| Single phase motor rating (230 V AC)        | kW        | 0.55        | 0.37        |
| Breaking capacity DC1: 30/110/220 V         | A         | 16/0.5/0.15 | 6/0.5/0.15  |
| Minimum switching load                      | mW (V/mA) | 300 (5/5)   | 300 (5/5)   |
| Standard contact material                   |           | AgNi        | AgNi        |

**Coil specification**

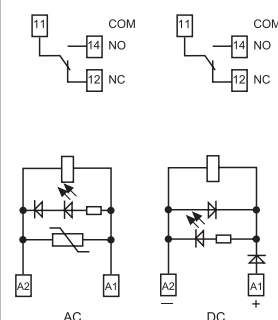
|                                   |                 |                                         |                                         |
|-----------------------------------|-----------------|-----------------------------------------|-----------------------------------------|
| Nominal voltage (U <sub>N</sub> ) | V AC (50/60 Hz) | 12 - 24 - 110 - 120 - 230               | 12 - 24 - 110 - 120 - 230               |
|                                   | V DC            | 12 - 24 - 125                           | 12 - 24 - 125                           |
| Rated power AC/DC                 | VA (50 Hz)/W    | 1.2/0.5                                 | 1.2/0.5                                 |
| Operating range                   | AC              | (0.8...1.1)U <sub>N</sub>               | (0.8...1.1)U <sub>N</sub>               |
|                                   | DC              | (0.73...1.1)U <sub>N</sub>              | (0.73...1.1)U <sub>N</sub>              |
| Holding voltage                   | AC/DC           | 0.8 U <sub>N</sub> / 0.4 U <sub>N</sub> | 0.8 U <sub>N</sub> / 0.4 U <sub>N</sub> |
| Must drop-out voltage             | AC/DC           | 0.2 U <sub>N</sub> / 0.1 U <sub>N</sub> | 0.2 U <sub>N</sub> / 0.1 U <sub>N</sub> |

**Technical data**

|                                                     |        |                                       |                        |
|-----------------------------------------------------|--------|---------------------------------------|------------------------|
| Mechanical life AC/DC                               | cycles | 10 · 10 <sup>6</sup>                  | 10 · 10 <sup>6</sup>   |
| Electrical life at rated load AC1                   | cycles | 100 · 10 <sup>3</sup>                 | 100 · 10 <sup>3</sup>  |
| Operate/release time                                | ms     | 15/5 (AC) - 15/12 (DC)                | 10/3 (AC) - 10/10 (DC) |
| Insulation between coil<br>and contacts (1.2/50 μs) | kV     | 6 (8 mm)                              | 6 (8 mm)               |
| Dielectric strength<br>between open contacts        | V AC   | 1000                                  | 1000                   |
| Ambient temperature range                           | °C     | ≤ 12 A: -40...+70 / > 12 A: -40...+50 | -40...+70              |
| Protection category                                 |        | IP 20                                 | IP 20                  |

**Approvals - relay** (according to type)**4C.01**

- 1 CO 16 A
- Screw terminals

**4C.02**

- 2 CO 8 A
- Screw terminals

