

**2, 3 & 4 CO relay interface modules,  
27 mm wide with Screw terminals  
ATEX compliant (EX nA nC)**
**Type 58.32 - x0xx**

- 2 CO 10 A
- Screw terminals

**Type 58.33 - x0xx**

- 3 CO 9 A
- Screw terminals

**Type 58.34 - x0xx**

- 4 CO 6 A
- Screw terminals

- AC coils or DC coils
- Supply status indication and EMC coil suppression module as standard
- Mechanical indicator - optional on 2 & 4 CO types
- Identification label
- Cadmium Free contacts
- UL Listed
- Complies with:
  - EN 60079-0:2012 and EN 60079-15:2010
  - 94/9/CE and 2014/34/UE
- 35 mm rail (EN 60715) mounting

58.32 / 58.33 / 58.34 - x0xx  
Screw terminals



For outline drawing see page 7

**Contact specification**

| Contact configuration                       | 2 CO (DPDT)         | 3 CO (3PDT) | 4 CO (4PDT) |
|---------------------------------------------|---------------------|-------------|-------------|
| Rated current/Maximum peak current          | A 10/20             | 9/20        | 6/15        |
| Rated voltage/<br>Maximum switching voltage | V AC 250/400        | 250/400     | 250/250     |
| Rated load AC1                              | VA 2500             | 2250        | 1500        |
| Rated load AC15 (230 V AC)                  | VA 500              | 500         | 350         |
| Single phase motor rating (230 V AC)        | kW 0.37             | 0.37        | 0.125       |
| Breaking capacity DC1: 30/110/220 V         | A 10/0.25/0.12      | 9/0.25/0.12 | 6/0.25/0.12 |
| Minimum switching load                      | mW (V/mA) 300 (5/5) | 300 (5/5)   | 300 (5/5)   |
| Standard contact material                   | AgNi                | AgNi        | AgNi        |

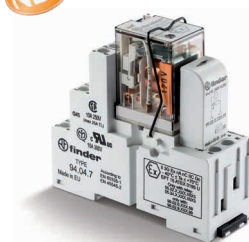
**Coil specification**

|                           |                 |                                |                                |                                |
|---------------------------|-----------------|--------------------------------|--------------------------------|--------------------------------|
| Nominal voltage ( $U_N$ ) | V AC (50/60 Hz) | 12 - 24 - 48 - 110 - 120 - 230 | 12 - 24 - 48 - 110 - 120 - 230 | 12 - 24 - 48 - 110 - 120 - 230 |
|                           | V DC            | 12 - 24 - 48 - 125             | 12 - 24 - 48 - 125             | 12 - 24 - 48 - 125             |
| Rated power AC/DC         | VA (50 Hz)/W    | 1.5/1                          | 1.5/1                          | 1.5/1                          |
| Operating range           | AC              | $(0.8 \dots 1.1) U_N$          | $(0.8 \dots 1.1) U_N$          | $(0.8 \dots 1.1) U_N$          |
|                           | DC              | $(0.8 \dots 1.1) U_N$          | $(0.8 \dots 1.1) U_N$          | $(0.8 \dots 1.1) U_N$          |
| Holding voltage           | AC/DC           | $0.8 U_N / 0.5 U_N$            | $0.8 U_N / 0.5 U_N$            | $0.8 U_N / 0.5 U_N$            |
| Must drop-out voltage     | AC/DC           | $0.2 U_N / 0.1 U_N$            | $0.2 U_N / 0.1 U_N$            | $0.2 U_N / 0.1 U_N$            |

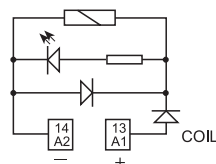
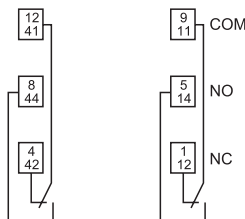
**Technical data**

|                                                       |        |                                 |                                 |                                 |
|-------------------------------------------------------|--------|---------------------------------|---------------------------------|---------------------------------|
| Mechanical life AC/DC                                 | cycles | $20 \cdot 10^6 / 50 \cdot 10^6$ | $20 \cdot 10^6 / 50 \cdot 10^6$ | $20 \cdot 10^6 / 50 \cdot 10^6$ |
| Electrical life at rated load AC1                     | cycles | $150 \cdot 10^3$                | $150 \cdot 10^3$                | $150 \cdot 10^3$                |
| Operate/release time                                  | ms     | 11/3 (AC) - 11/15 (DC)          | 11/3 (AC) - 11/15 (DC)          | 11/3 (AC) - 11/15 (DC)          |
| Insulation between coil and contacts (1.2/50 $\mu$ s) | kV     | 3.6                             | 3.6                             | 3.6                             |
| Dielectric strength between open contacts             | V AC   | 1000                            | 1000                            | 1000                            |
| Ambient temperature range                             | °C     | -40...+70                       | -40...+70                       | -40...+70                       |
| Protection category                                   |        | IP 20                           | IP 20                           | IP 20                           |

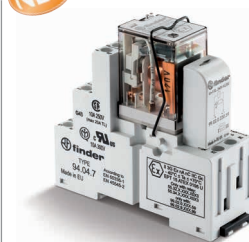
**Approvals relay** (according to type)

**NEW 58.32 - x0xx**

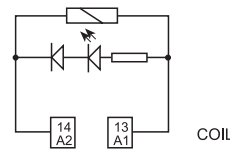
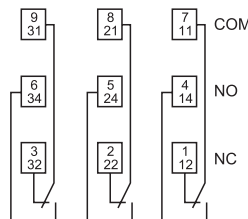
- 2 CO 10 A
- Screw terminals
- ATEX compliant



Example: DC

**NEW 58.33 - x0xx**

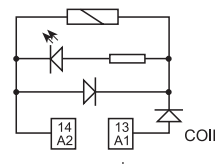
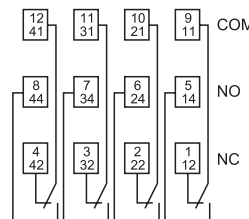
- 3 CO 9 A
- Screw terminals
- ATEX compliant



Example: AC

**NEW 58.34 - x0xx**

- 4 CO 6 A
- Screw terminals
- ATEX compliant



Example: DC

## Ordering information

Example: 58 series, 35 mm rail (EN 60715) mounting, Push-in terminals interface module, 4 CO, 24 V DC coil, green LED + diode.

**B** **Series** — 5 8 . **P** **Type** — 4 . 9 . 0 2 4 . 0 0 5 0

**Type**  
3 = Screw terminals  
35 mm rail (EN 60715) mount  
P = Push-in terminals  
35 mm rail (EN 60715) mount

**No. of poles**  
2 = 2 pole, 10 A  
3 = 3 pole, 10 A  
4 = 4 pole, 7 A

**Coil version**  
8 = AC (50/60 Hz)  
9 = DC

**Coil voltage**  
See coil specifications

**A: Contact material**  
0 = AgNi Standard  
5 = AgNi + Au

**B: Contact circuit**  
0 = CO (nPDT)

**D: Special versions**  
0 = Standard

**C: Options**  
5 = Standard DC: green LED + diode (polarity +A1)  
6 = Standard AC: green LED + Varistor

**Selecting features and options: only combinations in the same row are possible.**  
Preferred selections for best availability are shown in **bold**.

| Type              | Coil version | A     | B | C        | D |
|-------------------|--------------|-------|---|----------|---|
| 58.P3/P4/32/33/34 | AC           | 0 - 5 | 0 | <b>6</b> | 0 |
| 58.P3/P4/32/33/34 | DC           | 0 - 5 | 0 | <b>5</b> | 0 |

## Ordering information ATEX versions

Example: 58 series, 35 mm rail (EN 60715), screw terminal interface module, 4 CO, 120 V AC, green LED, mechanical indicator, ATEX version

**Series** — 5 8 . 3 **Type** — 4 . 8 . 1 2 0 . 0 0 4 9

**Type**  
3 = Screw terminals  
35 mm rail (EN 60715) mount

**No. of poles**  
2 = 2 pole, 10 A  
3 = 3 pole, 9 A  
4 = 4 pole, 6 A

**Coil version**  
8 = AC (50/60 Hz)  
9 = DC

**Coil voltage**  
See coil specifications

**A: Contact material**  
0 = AgNi Standard  
2 = AgCdO  
5 = AgNi + Au

**B: Contact circuit**  
0 = CO (nPDT)

**D: Special versions**  
8 = ATEX compliant (Ex nA nC) without mechanical indicator  
9 = ATEX compliant (Ex nA nC) with mechanical indicator (2 & 4 CO only)

**C: Options**  
4 = Module 99 LED (AC/DC)  
5 = Module 99 LED + Diode (DC)