

**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/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	$^{\circ}$ C	-40...+70	-40...+70	-40...+70
Protection category		IP 20	IP 20	IP 20

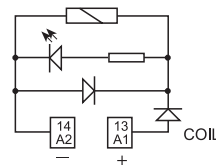
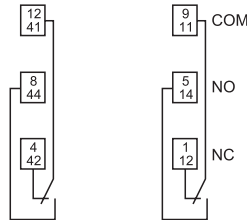
**Approvals relay** (according to type)



**NEW 58.32 - x0xx**

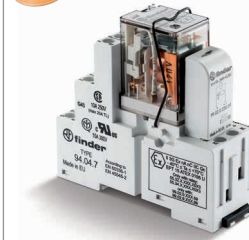


- 2 CO 10 A
- Screw terminals
- ATEX compliant

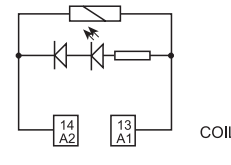
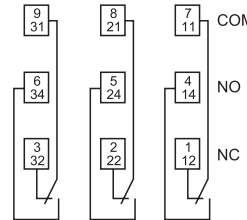


Example: DC

**NEW 58.33 - x0xx**



- 3 CO 9 A
- Screw terminals
- ATEX compliant

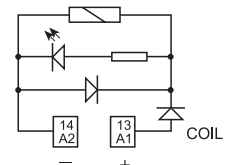
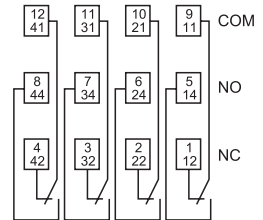


Example: AC

**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** **4 . 9 . 0 2 4 . 0** **A** **B** **C** **D** **0 5 0**

**Series** ————

**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	<b>0</b> - 5	0	<b>6</b>	0
58.P3/P4/32/33/34	DC	<b>0</b> - 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

**5 8 . 3** **4 . 8 . 1 2 0 . 0** **A** **B** **C** **D** **0 0 4 9**

**Series** ————

**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)