

**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

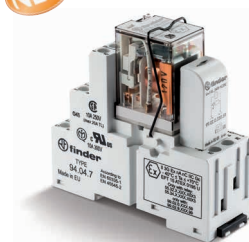
Coil specification

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	$0.2 U_N / 0.1 U_N$	$0.2 U_N / 0.1 U_N$	$0.2 U_N / 0.1 U_N$

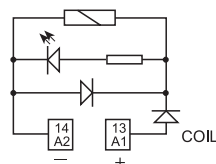
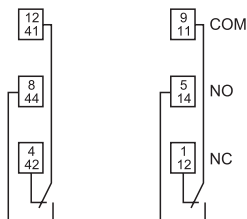
Technical data

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 μ 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

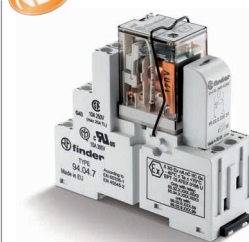
Approvals relay (according to type)

**NEW 58.32 - x0xx**

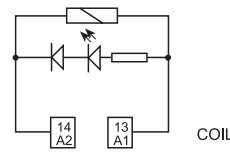
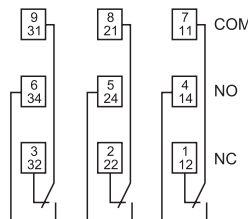
- 2 CO 10 A
- Screw terminals
- ATEX compliant



Example: DC

NEW 58.33 - x0xx

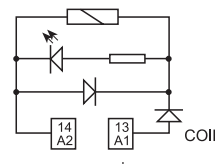
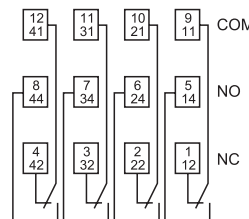
- 3 CO 9 A
- Screw terminals
- ATEX compliant



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**

Type — **4 . 9 . 0 2 4 . 0**

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

No. of poles — **0**

2 = 2 pole, 10 A
3 = 3 pole, 10 A
4 = 4 pole, 7 A

Coil version — **0**

8 = AC (50/60 Hz)
9 = DC

Coil voltage — **0**

See coil specifications

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

B: Contact circuit
0 = CO (nPDT)

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

D: Special versions
0 = Standard

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

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

No. of poles — **0**

2 = 2 pole, 10 A
3 = 3 pole, 9 A
4 = 4 pole, 6 A

Coil version — **0**

8 = AC (50/60 Hz)
9 = DC

Coil voltage — **0**

See coil specifications

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

B: Contact circuit
0 = CO (nPDT)

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

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)