

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...1.1)U _N	(0.8...1.1)U _N	(0.8...1.1)U _N
	DC	(0.8...1.1)U _N	(0.8...1.1)U _N	(0.8...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

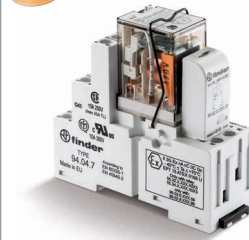
Technical data

Mechanical life AC/DC	cycles	20 · 10 ⁶ / 50 · 10 ⁶	20 · 10 ⁶ / 50 · 10 ⁶	20 · 10 ⁶ / 50 · 10 ⁶
Electrical life at rated load AC1	cycles	150 · 10 ³	150 · 10 ³	150 · 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 μs)	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

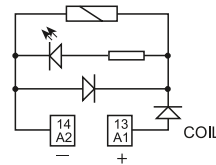
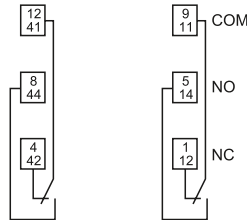
Approvals relay (according to type)



NEW 58.32 - x0xx



- 2 CO 10 A
- Screw terminals
- ATEX compliant

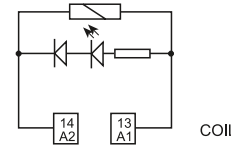
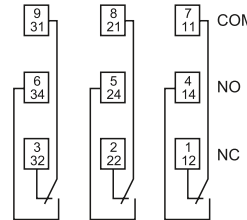


Example: DC

NEW 58.33 - x0xx

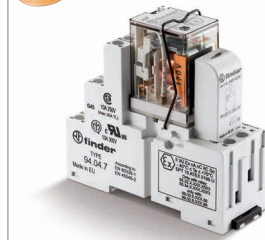


- 3 CO 9 A
- Screw terminals
- ATEX compliant

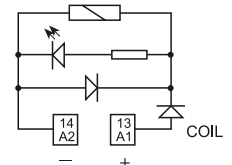
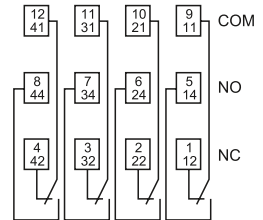


Example: AC

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

5 8 . P 4 . 9 . 0 2 4 . 0 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)

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

5 8 . 3 4 . 8 . 1 2 0 . 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)

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)