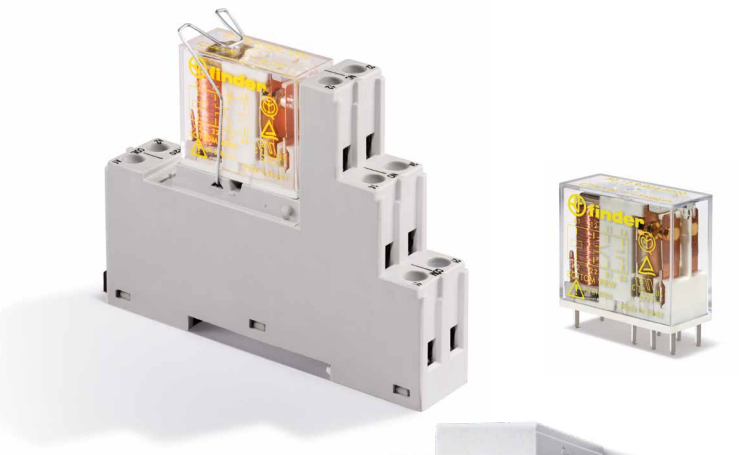
finder
SWITCH TO THE FUTURE

REPORT

50 Series
48 Series
7S Series



SIL2

SIL3

Relays with forcibly guided contacts for safety applications

50 Series - PCB Relay 8 A
48 Series - Relay Interface Modules 8 A
7S Series - Modular relays 6 - 10 A

For all applications requiring the expansion of safety contacts.

- According to: - EN 61810-3 class A and class B (previously EN 50205)
  - EN 13849-1
  - IEC 61508 up to SIL 2 and SIL 3 (according to type)
- Applications: - Elevator industry
  - Railway applications
  - Signalling
  - For safety applications according to the Machinery Directive
  - For electrical isolation
  - Chemical and petrochemical plants

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50 - 48 - 7S SERIES
Relays with forcibly guided contacts for safey applications

Benefits

- ✓ Forcibly guided contacts ensure reliability
- ✓ Versatile products adaptable to different applications
- ✓ These are products that will help you meet your equipment's compliance with its relevant Directives

50 Series

PCB Relay
according to EN 61810-3 class B* (previously EN 50205)
- 2 CO 8 A
- Nominal coil voltage from 5 to 125 V DC
- Cadmium Free contact materials
- 8 mm, 6 kV (1.2/50 µs) isolation, coil-contacts
- Available with AgNi or AgNi+Au contacts
- Flux proof: RT II

48 Series

Relay Interface Modules
according to EN 61810-3 class B* (previously EN 50205)
- 2 CO 8 A
- Nominal coil voltage 12 and 24 V DC
- Screw terminals
- Cadmium Free contact materials
- 8 mm, 6 kV (1.2/50 µs) isolation, coil-contacts
- Available with AgNi or AgNi+Au contacts
- 35 mm rail (EN 60715) mounting

7S Series

Modular relays
according to EN 61810-3 class A (previously EN 50205)
- Nominal coil voltage: 12 - 24 - 48 and 110 V DC
  110…125 and 230…240 V AC
- Screw and Screwless terminals
- LED indication of coil status

For applications up to SIL2 according to IEC 61508 (according to type)
- 2, 3, 4, 5 or 6 forcibly contacts 6 A and 10 A (according to type)
- For functional reliability in machinery and plant engineering according to EN 13849-1
- For railway applications; materials compliant with fire and smoke characteristics (EN 45545-2); mechanical and climatic characteristics compliant with EN 61373 and EN 50155
- 24 and 110 V DC versions with extended operating range (0.7…1.25)U_N

For applications up to SIL3 according to IEC 61508
- 2 NO safety contacts 6 A
- 1 NC feedback contact
- 1 auxiliary signalling contac
- For functional reliability in machinery and plant engineering according to EN 13849-1

*** Class B: only 1 NO and 1 NC shall be used as forcibly guided contacts.**