

# REPORT

50 Series  
48 Series  
7S Series



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SWITCH TO THE FUTURE

## Relays with forcibly guided contacts for safety applications

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



### Applications

- Elevator industry
- Railway applications
- Signalling
- For safety applications according to the Machinery Directive
- For electrical isolation
- Chemical and petrochemical plants

## 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  $\mu$ s) isolation, coil-contacts
- Available with AgNi or AgNi+Au contacts
- Flux proof: RT II

### 48 Series



#### Relay interface

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  $\mu$ s) isolation, coil-contacts
- Available with AgNi or AgNi+Au contacts
- 35 mm rail (EN 60715) mounting

### 7S Series



#### Relay module

according to EN 61810-3 class A (previously EN 50205)

- 2, 3, 4, or 6 forcibly contacts 6 and 10 A
- Nominal coil voltage: 12 - 24 - 48 and 110 V DC  
110...125 and 230...240 V AC
- For functional reliability in machinery and plant engineering according to EN 13849-1
- For applications up to SIL 2 according to IEC 61508 (according to type)
- 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<sub>N</sub>
- Screw and Screwless terminals
- LED indication of coil status
- 35 mm rail (EN 60715) mounting

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