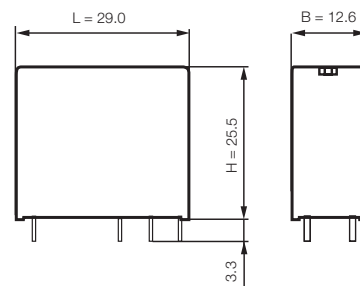


Relay couplers - RIDERSERIES

RCH Safety Relay DC coil

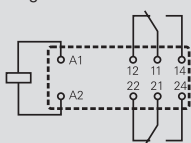
- Relay with positively driven contacts to EN 50205
- 2 CO contacts or 1 NOC + 1 NCC
- 1500 VA switching capacity
- 6 kV impulse withstand voltage



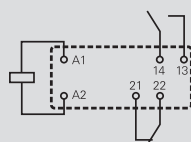
Circuit diagram

View of connections

2 changeover contacts



1 NOC + 1 NCC



Output

| | |
|-------------------------------|-------------------------------------|
| max. switching voltage AC | 250 V |
| Continuous current | 6 A |
| Contact base material | AgNi |
| Mechanical endurance | 10x10 ⁶ switching cycles |
| Response time / Drop-out time | 10 ms / 4 ms |

Rated data

| | |
|-----------------------------------|-----------------|
| Status indicator/Free wheel diode | no/no |
| Operating temperature | -25 °C...+70 °C |
| Approvals | cURus; |

Insulation coordination (IEC 60664)

| | |
|--|-------|
| Rated voltage | 250 V |
| Creepage and clearance path input - output | 8 mm |
| Overvoltage category | III |
| Pollution severity | 2 |
| Protective separation to VDE 0106 part 101 | yes |

Dimensions

| | | |
|-------------------------|----|------------------|
| Length x width x height | mm | 29 / 12.6 / 25.5 |
|-------------------------|----|------------------|

Note

Ordering data

| Input | 12 V DC 1CO | 24 V DC 1CO | 12 V DC 1NC / 1NO | 24 V DC 1NC / 1NO |
|--------------------------|---------------|----------------|-------------------|-------------------|
| Rated voltage | 12 V DC | 24 V DC | 12 V DC | 24 V DC |
| Rated current AC | | | | |
| Rated current DC | 58.3 mA | 29.2 mA | 58.3 mA | 29.2 mA |
| Power rating | 700 mW | 700 mW | 700 mW | 700 mW |
| AC Response/dropout Volt | | | | |
| DC Response/dropout Volt | 9.0 V / 1.2 V | 18.0 V / 2.4 V | 9.0 V / 1.2 V | 18.0 V / 2.4 V |

Ordering data

| | | | | | |
|------------|-----------|-------------------|-------------------|-------------------|-------------------|
| NCC/NOC | Type | | | RCH S51012 | RCH S51024 |
| | Order No. | | | 8768670000 | 8768700000 |
| CO contact | Type | RCH S21012 | RCH S21024 | | |
| | Order No. | 8768660000 | 8768680000 | | |

Ordering data

| | | | | | |
|--|-----------|--|--|--|--|
| | Type | | | | |
| | Order No. | | | | |

Note