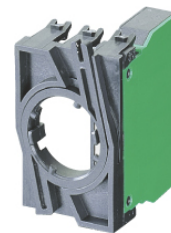


RAFIX 22 QR - Contact block with silver contacts, with coupling, without lamp socket, spring-type terminals, 1 NC, 1 NO
20.125.003/0000



Dimensions

| | |
|------------------------------|---------------------|
| Dimensions with coupling | 39.5 x 49.9 x 30 mm |
| Mounting depth without cable | 56.4 mm |

Mechanical design

| | |
|--|--|
| Mounting | snap on coupling and actuator |
| Contact system | bridge-contact self cleaning |
| Contact materials | Ag |
| Contact arrangement | 1 NC, 1 NC |
| Coupling position 1 (1/2) | 1 NC |
| Coupling position 3 (5/6), centre | - |
| Coupling position 2 (3/4) | 1 NC |
| NC contact forcibly actuated acc. to IEC 60947-5-1 | yes |
| Terminals | spring type |
| Terminal marking | color encoded |
| Robustness | 100 N |
| Wire range solid wires without wire end sleeves | 2 x 0.75 ... 2.5 mm ² |
| Wire range stranded wires without end sleeves | 2 x 1.0...1.5 (2 x 0.08 ... 2.5) mm ² |
| Stripping length, solid or stranded | 8 mm |
| Wire range with wire end sleeves | 2 x 0.75 ... 1.5 mm ² |

Electrical characteristics acc. to IEC 60947

| | |
|--|--|
| Rated insulation voltage AC/DC | 400 V |
| Rated peak voltage | 6,000 V |
| Rated operating current I _e AC 12 / DC 12 | 10 A |
| Rated operating current I _e AC-15 | 125 V/10 A, 250 V/6 A, 400 V/3.5 A |
| Rated operating current I _e DC-13 Q300 | 24V/2.75A, 60V/1.1A, 125V/0.55A, 250V/0.275A |
| Degree of pollution | 3 |
| Positive opening travel | 3 mm |
| Operating speed | 5 ... 1000 mm/c |

Electrical characteristics acc. to IEC 61058

| | |
|-------------------------------------|--|
| Resistive load AC | 10 A / 250 V; 7.5 A / 400 V |
| Motor load AC | 6 A / 250 V; 4 A / 400 V (5 A / 250 V) |
| Peak input current filament lamp AC | 36 A |
| Peak capacity input current AC | 100 A |

| | |
|------------------|----|
| Protection class | II |
|------------------|----|

Lamp characteristics

| | |
|----------------------|--------|
| Lamp characteristics | BA 9 s |
|----------------------|--------|

Other specifications

| | |
|--|--|
| Operating life at 10 A/250 V AC | 70,000 (10A), 200,000 (5A) |
| Switching reliability at 24V/5mA DC | 10×10^{-6} |
| Robustness | acc. to IEC 60947-5-5 |
| Corresponding to CE | acc. EU-guideline NSR 72/73 |
| Shock resistance acc. to IEC 60068-2-27 | 15 g at 11 ms, amplitude half sinusoidal |
| Resistance to vibrations acc. to IEC 60068-2-6 | 5 g at 10 ... 500 Hz |
| Ambient temp. operating min. | -25 °C |
| Ambient temp. operating max. | +70°C (+50°C) |
| Storage temperature min. | -40 °C |
| Storage temperature max. | +80 °C |
| Hot wire ignition acc. to IEC 60695-2-1 | yes |
| Environmental resistance | acc. to IEC 60068-2-14, -30, -33 and -78 |
| ROHS compliant | yes |
| REACH compliant | yes |

with contact block

