

**RAFIX 22 QR contact block with silver contacts, without coupling, screw terminals, 1 NC**  
**5.00.100.139/0000**

**Dimensions**

|                              |         |
|------------------------------|---------|
| Width                        | 10 mm   |
| Mounting depth without cable | 56.4 mm |
| Height                       | 46 mm   |
| Length                       | 39.5 mm |

**Electrice characteristics acc. to IEC 60947**

|  |  |
|--|--|
| Rated operating current $I_e$ AC 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 |
| Rated insulation voltage AC/DC           | 400 V  |
| Rated peak voltage                       | 6000 V                                       |
| Operating speed                          | 5 ... 1000 mm/s                              |
| Degree of pollution                      | 3  |
| Positive opening travel                  | 3 mm   |

**Electrice characteristics acc. to IEC 61058**

|                                     |                         |
|-------------------------------------|-------------------------|
| Motor load AC                       | 6 A/250 V; 4 A/400 V    |
| Protection class                    | II                      |
| Peak input current filament lamp AC | 36 A                    |
| Peak capacity input current AC      | 100 A                   |
| Resistive load AC                   | 10 A/250 V; 7,5 A/400 V |

**Lamp characteristics**

|                      |     |
|----------------------|-----|
| Lamp characteristics | --- |
|----------------------|-----|

**Mechanical design**

|  |                                  |
|--|----------------------------------|
| Stripping length, solid or stranded                | 8 mm                             |
| Robustness   | 100 N                            |
| Terminal marking                                   | colour encoded                   |
| Wire range solid wires without wire end sleeves    | 2 x 0.75 ... 2.5 mm <sup>2</sup> |
| Wire range stranded wires without end sleeves      | 2 x 1.0 ... 1.5 mm <sup>2</sup>  |
| Wire range with wire end sleeves                   | 2 x 0.75 ... 1.5 mm <sup>2</sup> |
| Terminals  | screw terminals                  |
| Mounting   | snap on coupling and actuator    |
| Operating force                                    | 5                                |
| Contact arrangement                                | 1 NC                             |
| Contact system                                     | bridge-contact self cleaning     |
| Contact materials                                  | Ag                               |
| NC contact forcibly actuated acc. to IEC 60947-5-1 | yes                              |

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**Other specifications**

|   |  |
|---|--|
| Approvals                                       | ---                                      |
| Ambient temp. operating max.                    | +70 °C                                   |
| Ambient temp. operating min.                    | -25 °C                                   |
| Corresponding to CE                             | acc. EU-guideline NSR 72/73              |
| Switching reliability at 24V/5mA DC             | 10 x 10 <sup>-6</sup>                    |
| Flame class acc. to UL 94                       | V 0                                      |
| Hot wire ignition acc. to IEC 60695-2-1         | yes                                      |
| Resistance to constant environment              | IEC 600 68-2-3 and 2-30                  |
| Storage temperature max.                        | +80 °C                                   |
| Storage temperature min.                        | -40 °C                                   |
| Operating life at 10 A/250 V AC                 | 500000                                   |
| Robustness                                      | acc. IEC 60947-5-5                       |
| Shock resistance acc. to IEC 600 68-2-27        | 50 g at 11 ms, amplitude half sinusoidal |
| Resistance to vibrations acc. to IEC 600 68-2-6 | 10 g at 40 ... 500 Hz                    |
| Resistance at variable environment              | IEC 600 68-2-14 and 2-33                 |

MASS



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Frontpanel cut-out

