

**RAFIX 22 QR - Contact block with silver contacts, without coupling, screw terminals, 1 NC + 1 NO**
**5.00.100.143/0000**

**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 NO, 1 NC
NC contact forcibly actuated acc. to IEC 60947-5-1	yes
Terminals	screw terminals
Terminal marking	color encoded
Robustness	100 N
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 (2 x 0.08 ... 2.5) mm <sup>2</sup>
Stripping length, solid or stranded	8 mm
Wire range with wire end sleeves	2 x 0.75 ... 1.5 mm <sup>2</sup>

**Electric characteristics acc. to IEC 60947**

Rated insulation voltage AC/DC	400 V
Rated peak voltage	6,000 V
Rated operating current I <sub>e</sub> AC 12 / DC 12	10 A
Rated operating current I <sub>e</sub> AC-15	125 V/10 A, 250 V/6 A, 400 V/3.5 A
Rated operating current I <sub>e</sub> 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

**Electric 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	$10 \times 10^{-6}$
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
Flame class acc. to UL 94	V 0
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

Silver contacts, 1 NO, quick connector



with contact block

