

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

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	---
Peak capacity input current AC	---
Resistive load AC	10 A/250 V; 7,5 A/400 V

Lamp characteristics

Lamp characteristics	---
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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 ²
Wire range stranded wires without end sleeves	2 x 1.0 ... 1.5 mm ²
Wire range with wire end sleeves	2 x 0.75 ... 1.5 mm ²
Terminals	screw terminals
Mounting	snap on coupling and actuator
Operating force	5
Contact arrangement	1 NC + 1 NO
Contact system	bridge-contact self cleaning
Contact materials	Ag
NC contact forcibly actuated acc. to IEC 60947-5-1	yes

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 ⁻⁶
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

