RAFIX 16 - Universal contact block, silver contacts, without lamp socket, screw terminals

1.20.123.121/0000



Dimensions	
Size not mounted	22 x 25 x 41 mm
Mounting depth (with actuator / indicator)	51.1 mm

Mechanical design	
Mounting	snap on actuator
Contact system	bridge-contact self cleaning
Contact materials	Ag
Contact arrangement	1 NC + 1 NO
Contact function	momentary
Lamp socket	-
Terminals	screw terminals
Terminal marking	according to DIN 50013, X1 = +, X2 = -
Operating travel	3 mm
Robustness	100 N

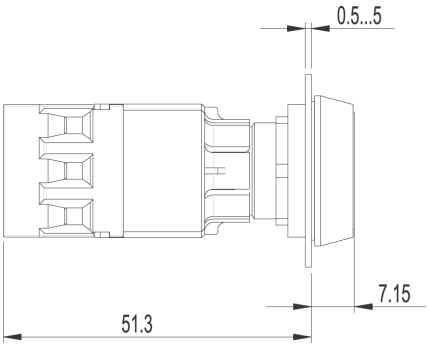
Mechanical characteristics	
Robustness	acc. to IEC 60947-5-5

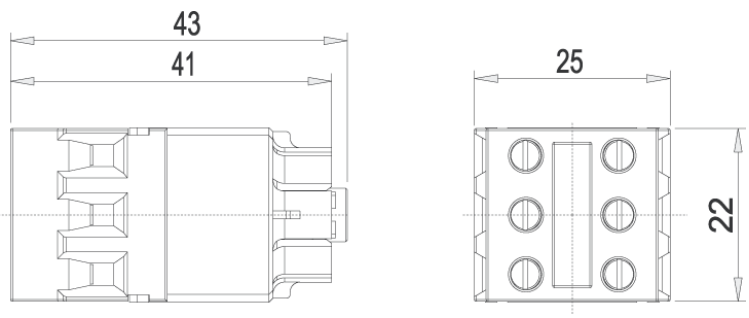
Electrical characteristics	
Rated insulation voltage acc. to VDE 0110, AC	250 V
Rated insulation voltage acc. to VDE 0110, DC	300 V
Ohmic rated current I_R	6 A
Rated motor current $I_{M\ nenn}$	4 A
Application category acc. to VDE 0660 Teil 200	AC 15B 300
Application category acc. to VDE 0660 Teil 200	DC 13Q 300
Rated insulation voltage U_I, AC	250 V
Rated insulation voltage U_I, DC	300 V
Rated voltage U_E/ rated current I_E, AC	250 V/1.5 A, 120 V/3.0 A V
Rated voltage U_E/ rated current I_E, DC	250 V/0.27 A, 125 V/0.55 A, 60 V/1 A, 24 V/2 A V
Thermic rated current I_{the}, AC	5 A
Thermic rated current I_{the}, DC	2.5 A
Operating life switching element AC	100,000 at 6A, 800.000 at 2A

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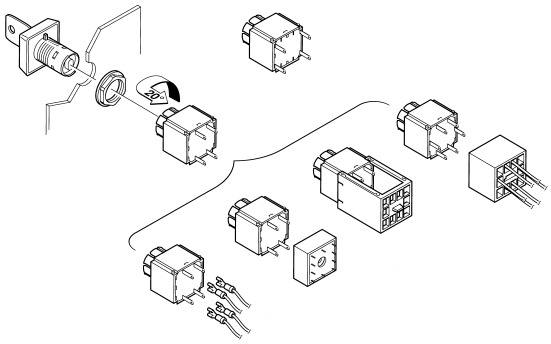
Operating life switching element DC	250,000 at 220 V/0.2 A, 1,000,000 at 24 V/2 A
Rated power DC	10 x I_E
Rated power AC	1.1 x I_E
Contact resistance when new max.	20 mΩ

Other specifications	
Protection class	II
Corresponding to EU directive NSR 72/73	yes
Shock resistance acc. to IEC 60068-2-27	amplitude < 50g, 11ms, half sinusoidal
Operation temperature min.	-25 °C
Ambient temp. operating max. without lamp / LED	+70 °C
Ambient temp. operating max. with lamp /LED	+55 °C
Storage temperature min.	-40 °C
Storage temperature max.	+85 °C
Color code	grey bottom
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Mechanical operating life latching (operations)	100,000
Resistance to vibrations acc. to IEC 60068-2-6	10 g at 20 ... 500 Hz
Flame class acc. to UL 94	V 0
Hot wire ignition acc. to IEC 60695-2-1	yes
ROHS compliant	yes
REACH compliant	yes





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