

## RAFIX 16 - Standard contact block, 1 NC + 1 NO, latching, gold contacts, with lamp socket

### 1.20.122.051/0000

Standard contact blocks have one common contact chamber and one actuator plunger.



Contact blocks with "latching" contact function are used as switches. When combined with pushbuttons and mushroom actuators, the switching position is visible, releasing is effected by actuating again.

#### Dimensions

Size not mounted	22.2 x 22.2 x 34.4 mm
Mounting depth (with actuator / indicator)	44.7 mm

#### Mechanical design

Mounting	snap on actuator
Contact system	bridge-contact self cleaning
Contact materials	Au
Contact arrangement	1 NC + 1 NO
Contact function	latching
Lamp socket	W 2 x 4.6d
Terminals	quick connector 2.8 x 0.8 mm
Terminal marking	according to DIN 50013, X1 = +, X2 = -
Operating travel	3 mm
Robustness	100 N

#### Mechanical characteristics

Robustness	acc. to IEC 60947-5-5
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#### Electrical characteristics

Rated voltage min.	0.02 V
Rated voltage AC/DC max.	35 V
Rated current min.	0.001 A
Rated current max.	0.25 A
Operating life switching element (momentary)	2,000,000
Contact resistance when new max.	50 mΩ

#### Other specifications

Protection class	II
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	white bottom
Environmental resistance	acc. to IEC 60068-2-14, -30, -33 and -78
Mechanical operating life latching (operations)	2,000,000
Resistance to vibrations acc. to IEC 60068-2-6	10 g at 20 ... 500 Hz
Flame class acc. to UL 94	yes
	yes
ROHS compliant	yes
REACH compliant	yes

with contact block / lamp socket



