

## 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.

Size not mounted22.2 x 22.2 x 34.4 mmMounting depth (with actuator / indicator)44.7 mmMechanical designsnap on actuatorMountingsnap on actuatorContact systembridge-contact self cleaningContact materialsAuContact arrangement1 NC + 1 NOContact functionlatchingLamp socketW 2 x 4.6dTerminalsquick connector 2.8 x 0.8 mmTerminal markingaccording to DIN 50013, X1 = +, X2 = -Operating travel3 mmRobustness100 N
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
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Robustness 100 N
Mechanical characteristics
Robustness acc. to IEC 60947-5-5
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
Shock resistance acc. to rec 00000-2-27 amplitude < 509, Trins, Tail situsoidal
Operation temperature min25 °C
Ambient temp. operating max. without lamp / LED+70 °C
Ambient temp. operating max. with lamp /LED +55 °C
Storage temperature min40 °C

Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.



Storage temperature max.	+85 °C
Color code	white bottom
Environmental restistance	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









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