

RAFIX 16 - Standard contact block, gold contacts, with lamp socket, screw terminals

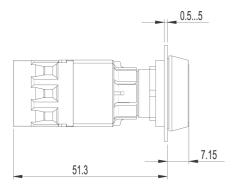
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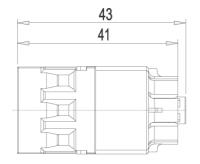


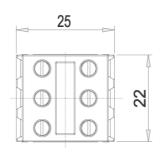
Size not mounted 22 x 25 x 41 mm	Dimensions	
Mechanical design 51.1 mm Mechanical design snap on actuator Contact system bridge-contact self cleaning Contact arrangement 2 NO Contact function momentary Lamp socket W 2 x 4.6d Terminals screw terminals Terminal marking according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1-resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm Robustness 100 N Mechanical characteristics acc. to IEC 60947-5-5 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 II 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 min. -60 °C Color code white bottom Environmenta		22 x 25 x 41 mm
Snap on actuator		51.1 mm
Contact system bridge-contact self cleaning Contact materials Au Contact function momentary Lamp socket W 2 x 4.6d Terminals screw terminals Terminal marking according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1: resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm Robustness 100 N Mechanical characteristics acc. to IEC 60947-5-5 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 II Protection class II Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal	Mechanical design	
Contact materials Au Contact arrangement 2 NO Contact function momentary Lamp socket W 2 x 4.6d Terminals screw terminals Terminal marking according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1-resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm Robustness 100 N Mechanical characteristics acc. to IEC 60947-5-5 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 II Protection class II Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal	Mounting	snap on actuator
Contact arrangement 2 NO Contact function momentary Lamp socket W 2 x 4.6d Terminals screw terminals Terminal marking according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1-resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm Robustness 100 N Mechanical characteristics acc. to IEC 60947-5-5 Robustness acc. to IEC 60947-5-5 Electrical characteristics Rated voltage min. 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	Contact system	bridge-contact self cleaning
Contact function momentary Lamp socket W 2 x 4.6d Terminals screw terminals Terminal marking according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1-resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm Robustness 100 N Mechanical characteristics Robustness acc. to IEC 60947-5-5 Electrical characteristics Rated voltage min. 0.02 V Rated voltage min. 0.001 A 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	Contact materials	Au
Lamp socket W 2 x 4.6d Terminals screw terminals Terminal marking according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1-resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm Robustness 100 N Mechanical characteristics acc. to IEC 60947-5-5 Robustness acc. to IEC 60947-5-5 Electrical characteristics acc. to IEC 60947-5-5 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 II Protection class II Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal	Contact arrangement	2 NO
Secrew terminals Secrew terminals	Contact function	momentary
Comparison	Lamp socket	W 2 x 4.6d
resp 23/24, lamp: X1 +, X2 - Operating travel 3 mm 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 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 restistance acc. to IEC 60068-2-14, -30, -33 and -78	Terminals	screw terminals
Robustness 100 N Mechanical characteristics acc. to IEC 60947-5-5 Robustness acc. to IEC 60947-5-5 Electrical characteristics 8 acc. to IEC 60947-5-5 Rated voltage min. 0.02 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 II Protection class II Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal	Terminal marking	according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/1 resp 23/24, lamp: X1 +, X2 -
Mechanical characteristics Robustness acc. to IEC 60947-5-5 Electrical characteristics	Operating travel	3 mm
Robustness 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	Robustness	100 N
Robustness 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		
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Rated voltage AC/DC max.35 VRated current min.0.001 ARated current max.0.25 AOperating life switching element (momentary)2,000,000Contact resistance when new max.50 mΩOther specificationsProtection classIIShock resistance acc. to IEC 60068-2-27amplitude < 50g, 11ms, half sinusoidal	Electrical characteristics	
Rated current min.0.001 ARated current max.0.25 AOperating life switching element (momentary)2,000,000Contact resistance when new max.50 mΩOther specificationsProtection classIIShock resistance acc. to IEC 60068-2-27amplitude < 50g, 11ms, half sinusoidal	Rated voltage min.	0.02 V
Rated current max.0.25 AOperating life switching element (momentary)2,000,000Contact resistance when new max.50 mΩOther specificationsProtection classIIShock resistance acc. to IEC 60068-2-27amplitude < 50g, 11ms, half sinusoidal	Rated voltage AC/DC max.	35 V
Operating life switching element (momentary)2,000,000Contact resistance when new max.50 mΩOther specificationsProtection classIIShock resistance acc. to IEC 60068-2-27amplitude < 50g, 11ms, half sinusoidal	Rated current min.	0.001 A
Contact resistance when new max. Other specifications Protection class II Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal	Rated current max.	0.25 A
Other specifications Protection class II Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal 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 Storage temperature max. +85 °C Color code Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Operating life switching element (momentary)	2,000,000
Protection class 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 Storage temperature min. -40 °C Storage temperature max. -40 °C Storage temperature max. -40 °C Storage temperature max. -40 °C	Contact resistance when new max.	50 mΩ
Protection class Shock resistance acc. to IEC 60068-2-27 amplitude < 50g, 11ms, half sinusoidal Operation temperature min. Ambient temp. operating max. without lamp / LED +70 °C Ambient temp. operating max. with lamp /LED Storage temperature min. -40 °C Storage temperature max. -40 °C	Other specifications	
Operation temperature min. Ambient temp. operating max. without lamp / LED +70 °C Ambient temp. operating max. with lamp /LED +55 °C Storage temperature min40 °C Storage temperature max. +85 °C Color code white bottom Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	-	II
Ambient temp. operating max. without lamp / LED +70 °C Ambient temp. operating max. with lamp /LED +55 °C Storage temperature min40 °C Storage temperature max. +85 °C Color code white bottom Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Shock resistance acc. to IEC 60068-2-27	amplitude < 50g, 11ms, half sinusoidal
LED +70 °C Ambient temp. operating max. with lamp /LED +55 °C Storage temperature min40 °C Storage temperature max. +85 °C Color code white bottom Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Operation temperature min.	-25 °C
Storage temperature min. Storage temperature max. +85 °C Color code Environmental restistance -40 °C +85 °C white bottom acc. to IEC 60068-2-14, -30, -33 and -78		+70 °C
Storage temperature max. +85 °C Color code white bottom Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Ambient temp. operating max. with lamp /LED	+55 °C
Color code white bottom Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Storage temperature min.	-40 °C
Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Storage temperature max.	+85 °C
	· · · · · · · · · · · · · · · · · · ·	white bottom
	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	Mechanical operating life latching (operations)	

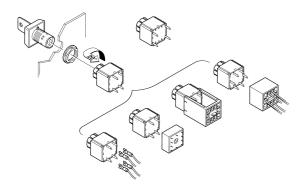


Resistance to vibrations acc. to IEC 60068-2-6	10 g at 20 500 Hz
	yes
ROHS compliant	yes
REACH compliant	yes









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