1.20.122.051/0000



RAFIX 16, standard switching element, gold, with lamp socket, quick-connect terminal, latching, for W 2 x 4.6d, 1 NC + 1 NO



Description

RAFIX 16 standard switching elements are designed for pushbuttons. The switching elements are available with a momentary contact or latching function, so that latching pushbuttons can also be achieved.

technical data

> general

Color light gray
Operating temperature, min. -25 °C
Operating temperature, max. 70 °C

Storage temperature, min. -40 °C
Storage temperature, max. 85 °C
illuminated Yes

Lamp socketW 2 x 4.6dPackaging unit20 pcs.net weight9.5 g

 Operating life
 2,000,000 cycles

 B10
 2,600,000 cycles

 Environment resistance
 IEC 60068-2-14

 IEC 60068-2-30
 IEC 60068-2-33

Shock resistance according to

standard IEC 60068-2-27

Vibration resistance according to

standard IEC 60068-2-6

Protection class II

Minimum order quantity (MOQ) 20 pcs.

RoHS compliant Yes

REACH compliant Yes

country of origin DE

> mounting diameters

Outside dimension, length 22.2 mm
Outside dimension, width 22.2 mm
Outside dimension, height 34.4 mm
Mounting depth 44.7 mm

> mechanical data

Actuation function latching

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

IEC 60068-2-78

10 g at 20 - 500 Hz

50 g at 11 ms amplitude semi-sinusoidal

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Operating force, max. 100 N
Operating travel, max. 3 mm

Contact function 1 NC + 1 NO
Contact system Bridge contact

Contact material Gold
Fixing Latching
Solderability No

Terminal on the rear Flat quick-connect terminal 2.8 x 0.8

Connection marking Normally Closed: 11/12, 21/22

Normally Open: 13/14, 23/24 Lamp: X1 (+), X2 (GND)

> electrical data

Rated voltage, min.

Rated voltage, max.

Voltage type

AC / DC

Rated operating voltage

Rated current, min.

Rated current, max.

Power loss

0.02 V

AC / DC

AC / DC

0.02-35 V

0.001 A

0.25 A

Use according to UL:

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

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drawings

System drawing

