Illuminated pushbutton 9.1 mm, with included LED, momentary contact function, 1 NC + 1 NO, bezel yellow



fields of application

- Mechanical and system engineering
- Model construction
- Home technology

description

Mounting hole diameter 9.1 mm, max. 24 V / 500 mA, with integrated LED / filament lamp

Recommended values for LED series resistor

5 - 7 V = 270 Ohm , 0.25 W
12 - 14 V = 680 Ohm, 0.5 W
24 - 28 V = 1500 Ohm, 1 W

LED forward current: max. 10 mA at T = 25° C
LED forward voltage: 2 V at 10 mA
LED reverse voltage: 5 V
LED reverse current: 0.1 mA
LED power dissipation: max. 120 mW at T = 50° C

Contact assignment: 1-2 = normally closed, 3-4 = normally open, X1-X2 = LED. Observe correct polarity: positive to LED anode, the anode is marked with a colored dot.

technical data

general

Bezel color	yellow
Property of bezel / mushroom	transparent
Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	55 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	80 °C
illuminated	Yes
Luminous elements	LED
Soldering time for manual soldering, max.	3 sec

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.

RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com

Soldering temperature for manual soldering	350 °C
Soldering	Manual soldering
Packaging	Box
Packaging unit	10 pcs.
net weight	2.2 g
Operating life	200,000 cycles
B10	260,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP40
MOQ order	50 pcs.
RoHS compliant	Yes
REACH compliant	Yes

mounting diameters

Outside dimension, width	11 mm
Mounting hole	9.1 mm
Mounting depth	25 mm
Installation height	7 mm

mechanical data

Actuation function	momentary contact function
Operating force, min.	5 N
Operating travel, max.	1.5 mm
Contact function	1 NC + 1 NO
Contact system	Bridge contact
Contact material	Gold
Fixing	Threaded ring
Solderability	Yes
Terminal on the rear	Solder terminal

electrical data

Operating voltage of the luminous element, max.	2 V
Rated voltage, max.	24 V
Operating current of the luminous element, max.	10 mA
Rated current, max.	0.5 A

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.

RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com