

RAFIX 16, universal switching element, gold, with lamp socket, quick-connect terminal, momentary contact function, for W 2 x 4.6d, 1 NC + 1 NO



Description

RAFIX universal switching elements are designed for emergency stops and actuators with two actuating directions (e.g. selector switches). The universal switching elements always have a momentary contact function - then a switching function is implemented by the actuator alone.



technical data

> general		direct links
Color	light gray	> RAFI eCatalog
Operating temperature, min.	-25 °C	
Operating temperature, max.	70 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	85 °C	
illuminated	Yes	
Lamp socket	W 2 x 4.6d	
Packaging unit	20 pcs.	
Net weight	9.5 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	
	IEC 60068-2-78	
Shock resistance according to standard IEC 60068-2-27	50 g at 11 ms amplitude semi-sinusoidal	
Vibration resistance according to standard IEC 60068-2-6	10 g at 20 - 500 Hz	
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		

Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8
Fixing	Latching
Actuation function	momentary contact function
Operating force, max.	100 N
Operating travel, max.	3 mm
Contact function	1 NC + 1 NO
Contact system	Bridge contact
Contact material	Gold
Solderability	No

> **electrical data**

Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Voltage type	AC / DC
Rated operating voltage	0.02-35 V
Rated current, min.	0.001 A
Rated current, max.	0.25 A
Power loss	0.00125 W

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.

drawings

System drawing

