

RAFIX 16, universal switching element, silver, without lamp socket, screw terminal, momentary contact function, 1 NC + 1 NO



fields of application

- Measurement-control-regulation
- Electrical engineering
- Mechanical and system engineering
- Industrial robots

special features

- Geeignet für Not-Halt und Betätiger mit 2 Schaltrichtungen, wie Wahlschalter und Schlüsselschalter
- Sicheres Schalten großer Ströme durch Silberkontakte (max. 250 V / 4 A)
- Öffner-Kontakte zwangstrennend nach IEC 60948-5-1
- Zwei getrennte Schaltkammern, so können zwei unterschiedliche Potenziale geschaltet werden
- Kontaktfunktion tastend (schaltende Funktionen werden über das Betätigungselemente realisiert)
- Montage durch Aufrasten auf Betätiger
- Demontage durch Drehen und Abziehen
- Flachsteck-Anschlüsse 2,8 x 0,8 mm (auch mit Leiterplatten-Stecksockel) oder Schraubanschluss



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

Color	light gray
Operating temperature, min.	-25 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	70 °C
Storage temperature, max.	85 °C
illuminated	No
Packaging unit	20 pcs.

direct links

- [RAFI eCatalog](#)

net weight	8.6 g
Operating life	1,000,000 Cycles
B10	1,300,000 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
MOQ order	20
RoHS compliant	Yes
REACH compliant	Yes
> mounting diameters	
Mounting depth	51.1 mm
Outside dimension, length	25 mm
Outside dimension, width	22 mm
Outside dimension, height	41 mm
> mechanical data	
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	Silver
Fixing	Latching
Terminal on the rear	Screw terminal
> electrical data	
Rated insulation voltage	250 V
Rated surge voltage	2,500 V
Voltage type	AC / DC
Rated operating voltage	10-250 V
Power loss	2.16 W
Category of use AC-15 / B300	250 V / 1,5 A (CCC)
Categories of use	AC-15 / B300 DC-13 / Q300
Category of use DC-13 / Q300	240 V / 0,27 A (CCC)
Maximum connection cross section	1.5 mm ²
Minimum connection cross section	0.25 mm ²

drawings

System drawing

