

RAFIX 16, universal switching element, silver, without lamp socket, quick-connect terminal, momentary contact function, 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.

(C) € ⊕ ≚ ∰ ∞

technical data

>	general		
	Color	light gray	direct links
	Operating temperature, min.	-25 °C	> RAFI eCatalog
	Operating temperature, max.	70 °C	
	Storage temperature, min.	-40 °C	
	Storage temperature, max.	85 °C	
	illuminated	No	
	Packaging unit	20 pcs.	
	net weight	8 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	
	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	momentary contact function	
	Operating force, max.	100 N	

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. **date**: Jul 5, 2025 **page**: 1/3

RAFI GmbH & Co. KG

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

Downloaded from Arrow.com.

technical data sheet



1	.2	20.	123	.021	/0000

	Operating travel, max.	3 mm
	Contact function	1 NC + 1 NO
	Contact system	Bridge contact
	Contact material	Silver
	Fixing	Latching
	Solderability	No
	Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8
>	electrical data	
	Rated insulation voltage	250 V
	Rated surge voltage	2,500 V
	Rated voltage, min.	10 V
	Rated voltage, max.	250 V
	Voltage type	AC / DC
	Rated operating current I, AC15	240 V / 1,5 A
	B300	
	Rated operating current I, DC13	250 V / 0,275 A
	Q300	125 V / 0,4 A
		60 V / 1 A
		24 V / 2 A
	Rated operating voltage	10-250 V
	Power loss	1.44000 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)
>	Specifications according to IEC 6094	17-5-1
	Rated operating voltage	250 V (AC-15)
		250 V / 125 V / 60 V / 24 V (DC-13)
	Rated surge voltage	2,500 V

Use according to UL:

Downloaded from Arrow.com.

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.

RAFI GmbH & Co. KG

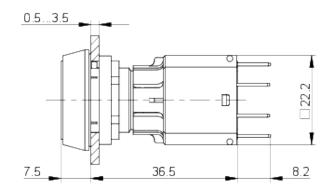
Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com technical data sheet





drawings

System drawing



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. **date**: Jul 5, 2025 **page**: 3/3

RAFI GmbH & Co. KG

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