

E-BOX MODULAR, emergency stop contact module, 35 V, 2 NC



fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Construction machinery
- > Industrial robots
- > Model construction
- > Home technology

special features

- > Compact dimensions: 109 x 40 x 27 mm
- > For actuators from the RAFIX 22 FS+ control device series (mounting hole ø 22.3 mm)
- > Switching elements with 2 contacts (for emergency stop "PLUS1" with 3 contacts)
- > Optionally with LED for illuminated actuators
- > With yellow upper housing part for emergency stop actuator
- > With gray upper housing part for standard actuators such as pushbuttons
- > Fastening with time-saving single-hole screw fastening technology, particularly suitable for aluminum profile rails or alternatively direct fastening with M4
- > Includes cable entry for direct cabling: M16 at the side or M20 at the base





description

The elegant and flat E-BOX is the complete housing for RAFIX 22 FS+ control units. It is used where individual control devices are required at remote locations - for example, emergency stop applications along a production facility or at a safety fence. The compact dimensions of the E-BOX are based on the edge dimensions of a 40 mm profile rail. Installation is also designed with this in mind. This is quick and easy thanks to the modular system consisting of a lower and upper housing section, contact module with switching element and emergency stop actuator.

The wiring of the terminals must be carried out by trained specialist personnel.

technical data

> general		
Operating temperature, min.	-25 °C	direct links
Operating temperature, max.	70 °C	> RAFI eCatalog
Storage temperature, min.	-40 °C	
Storage temperature, max.	80 °C	
illuminated	No	
Packaging	Box	
Packaging unit	1 pcs.	
net weight	7.7 g	
Operating life electrical	1.000.000 (10mA / 24V DC) cycles	

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: Feb 20, 2025 page: 1/4

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B10 electrical 1.300.000 (10mA / 24V DC) cycles

B10d 2,600,000 cycles

Protection class II
MOQ order 5 pcs.
RoHS compliant Yes
REACH compliant Yes

> mounting diameters

Outside dimension, length 45 mm
Outside dimension, width 32 mm
Outside dimension, height 17.14 mm

> mechanical data

Contact function 2 NC

Contact system Bridge contact

Contact material Gold

Fixing Click quick fastener

Terminal on the rear Cage Clamp®
Abisolierlänge 10 mm

PIN 1 Normally closed contact 1
PIN 2 Normally closed contact 1
PIN 3 Normally closed contact 2
PIN 4 Normally closed contact 2

> electrical data

Rated voltage, min. 0.02 V Rated voltage, max. 35 V AC / DC Voltage type Rated operating voltage 0.02-35 V Rated current, min. 0.001 A Rated current, max. 0.1 A 0.25 W Rated power, max. 0.00030 W Power loss 0.75 mm² Maximum connection cross

section

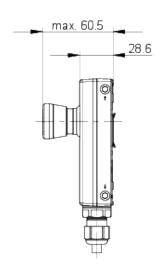
Minimum connection cross 0.2 mm²

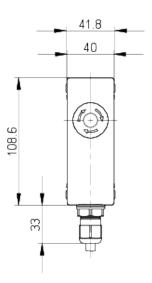
section



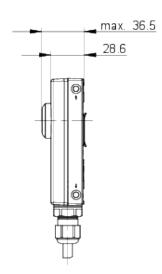
drawings

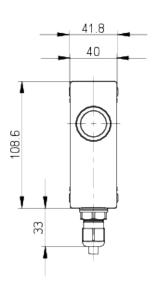
System drawing





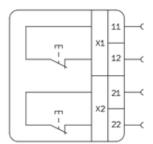
System drawing







Schematic diagram



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