

# E-BOX modular, standard contact module, 250 V, 1 NC + 1 NO



### fields of application

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

### special features

- > Kompakte Abmessungen: 109 x 40 x 27
- > Für Betätiger der Befehlsgeräte-Baureihe RAFIX 22 FS+ (Einbaudurchmesser ø 22,3 mm)
- > Schaltelemente mit 2 Kontakten (für Not-Halt "PLUS1" mit 3 Kontakten)
- > Optional mit LED für beleuchtbare Betätigungselemente
- > Mit gelbem Gehäuseoberteil für Not-Halt-Betätiger
- > Mit grauem Gehäuseoberteil für Standard-Betätiger wie z.B. Drucktaster
- > Befestigung mit zeitsparender Ein-Loch-Schraubbefestigungstechnik, besonders geeignet für Aluprofilschienen oder alternativ Direktbefestigung mit M4 Schrauben
- > Inklusive Kabeleinführung für Direktverkabelung: seitlich M16 oder bodenseitig M20







### 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	
Packaging	Box	
Packaging unit	1 pcs.	
net weight	7.7 g	

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

B10 electrical

### 5.00.100.247/0100



Operating life electrical 1,000,000 (1A / 250V AC) cycles

100,000 (2A / 250V AC) cycles 30,000 (4A / 250V AC) cycles

1.300.000 (1A / 250V AC) cycles

130.000 (2A / 250V AC) cycles 40.000 (4A / 250V AC) 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 16.85 mm

> mechanical data

Contact function 1 NC + 1 NO
Contact system Bridge contact

Contact material Silver

Fixing Assembly clip

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

> electrical data

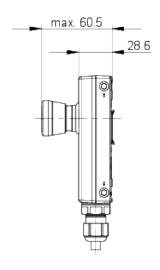
Rated voltage, min. 10 V
Rated voltage, max. 250 V
Voltage type AC / DC
Rated operating voltage 10-250 V
Operating current, min. 1 mA
Rated current, min. 0.01 A
Power loss 0.96000 W

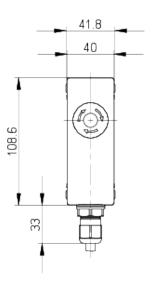
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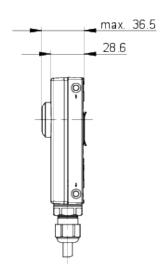
### drawings

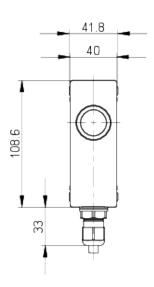
### System drawing





### System drawing





## 5.00.100.247/0100



#### Schematic diagram

