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technical data sheet

5.00.100.239/0100

E-BOX MODULAR, standard contact module, 35 V, 1 NC + 1 NO, LED white



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 screws
- 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

Luminous element color	white
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	80 °C
illuminated	Yes
Luminous elements	LED

direct links

- RAFI eCatalog

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Packaging	Box
Packaging unit	1 pcs.
net weight	8.4 g
Operating life electrical	1.000.000 (10mA / 24V DC) cycles
B10 electrical	1.300.000 (10mA / 24V DC) 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	Gold
Fixing	Click quick fastener
Terminal on the rear	Cage Clamp®
Abisolierlänge	10 mm
PIN 1	Normally open contact 1
PIN 2	Normally open contact 1
PIN 3	Normally closed contact 1
PIN 4	Normally closed contact 1
PIN 6	GND
PIN 5	LED +

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.	0.1 A
Rated power, max.	0.25 W
Power loss	0.15030 W
Maximum connection cross section	0.75 mm²
Minimum connection cross section	0.2 mm²

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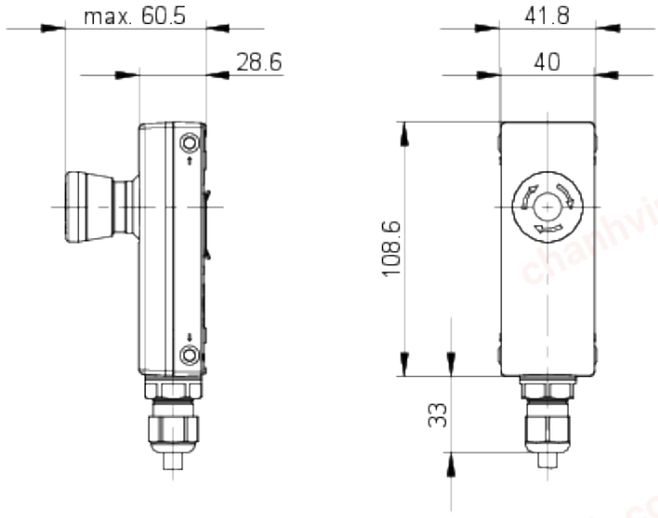
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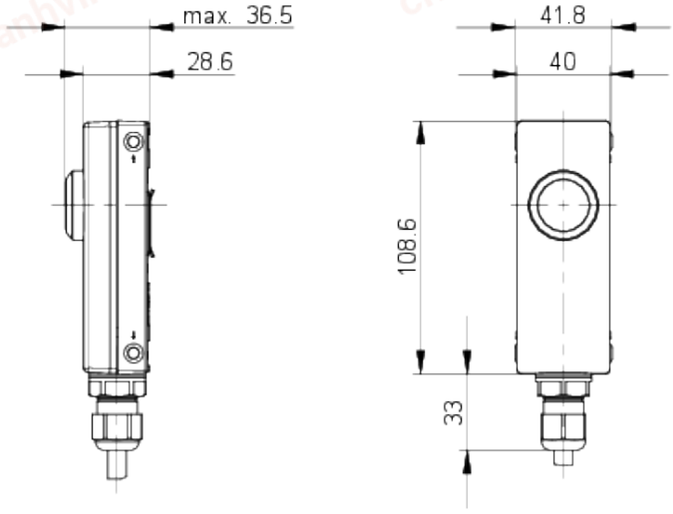
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drawings

System drawing



System drawing



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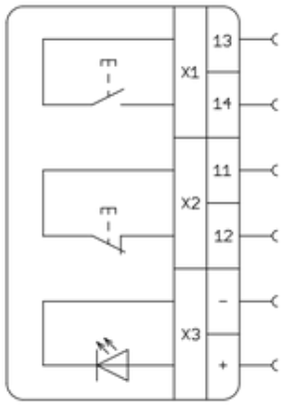
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Schematic diagram



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