

## Item description/product images



for electrics

**Description****Material:**

Plastic  
Contact terminals AgNi.

**Version:**

Push button red  
Frame yellow.

**Note:**

Emergency stop buttons are used to manually switch off machines and systems quickly in emergencies. The push button engages when depressed and can be unlocked again by twisting it to the right or left. The red button is located on a yellow background. This ensures good identification.

**Certificates / Standards met:**

CE, TÜV Süd, CCC, cULus, UR.  
EN 60947-5-1, EN 60947-5-5, EN ISO 13850.

**Technical data:**

Mounting position: arbitrary.  
Mechanical service life: 50,000 switching cycles.  
Electrical service life: 50,000 switching cycles at nominal load.  
NC contact forced opening: acc. to EN 60947-5-1, App K.

Rated insulation voltage  $U_i$ : 250 V.

Permanent thermal current: 10A.

Utilisation category acc. to IEC/EN60947-5-1:

AC15: 250 V / 3 A.

DC13: 24 V / 2 A.

**Temperature range:**

Storage temperature: -50 °C to +85 °C.

Operating temperature: -25°C to +55°C.

**Advantages:**

The safety contact constantly monitors the orderly connection between the emergency stop button and the contact element. If the emergency stop button is separated from the contact element due to negligent installation or mechanical damage, the safety contact breaks immediately and the machine is stopped.

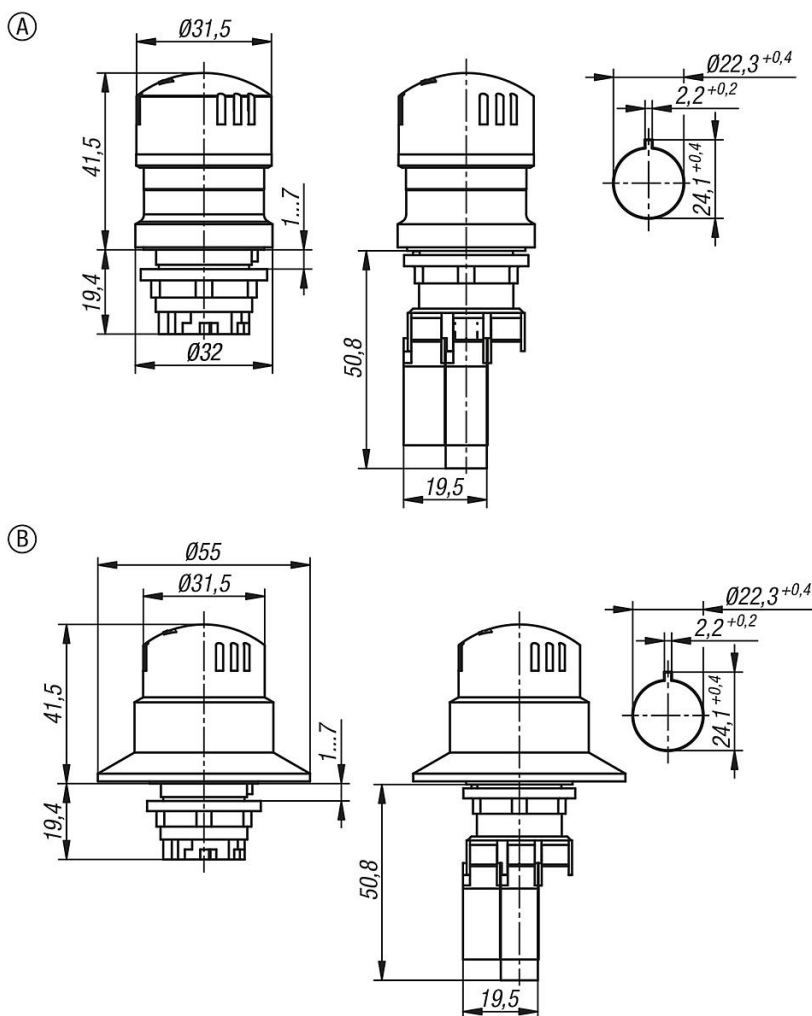
**Supplied with:**

The emergency stop button consists of a push-button, union nut, 2 contact blocks, 1x NC, 1x NC with integrated safety relay (NO) for fault shutdown and a bracket for the contact blocks.

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Drawings



Overview of items

Order No.	Form	Form definition	Installed Ø	Wire strip length mm	Connection type
81150-08-213200	A	no anti-block collar	22,3	8-10	Spring clamp
81150-08-213210	B	with anti-block collar	22,3	8-10	Spring clamp

Order No.	Connection cross-section max. (mm <sup>2</sup> )	No. of NO contacts	No. of NC contacts	Tightening torque Mounting nut Nm	Illuminable
81150-08-213200	0,75-2,5	1	2	2,5	no
81150-08-213210	0,75-2,5	1	2	2,5	no

Order No.	Anti-block collar	Contact resistance m Ohm	Release	Contact voltage min. V	Contact current min. mA
81150-08-213200	no	<100	right/left rotation	24	5
81150-08-213210	yes	<100	right/left rotation	24	5

Order No.	Bounce time ms	Switch position indicator	Safety rating	Protection class	Self-monitoring	Tamper-proof
81150-08-213200	<10	yes	IP65/IP67	II Protective insulation	yes	yes
81150-08-213210	<10	yes	IP65/IP67	II Protective insulation	yes	yes

