

TECHNICAL SPECIFICATION

Emergency stop buttons

Description:

These are devices used in control and indication systems, command boards and panels in industrial automation systems. They are manufactured to commute controlling circuits and to control the switching on or off executive mechanisms such as relays, contactors, etc. The signal lamps and indicators find broad application in all industrial fields. The devices endure short time current overload up to 10A, and normally they can commute thermal current up to 6A in their contact system. The connection to the contact terminals is through screw terminals to which operational conductors with section up to 2.5mm² can be joined.

Technical data:

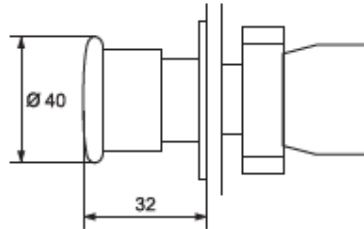
- Insulation voltage: 660V; 50/60Hz
- Impulse voltage wear resistance: 6000V;
- Rated current: 6A (230V AC); 0.3A (230V DC)
- Short circuit protection: safety device 10A gG outside in the circuit
- Mechanical wear resistance: 1x10⁶ commutation cycles
- Power of mechanical compression:
 - at closing: 20N
 - at opening: 8N
- Operating temperature: -20 ÷ +70°C
- Humidity: 35 – 85%RH
- Tightening moment of the joining conductors: 0.15Nm
- Section of the conductor: 1x0.5; 1x0.75; 1x1; 1x1.5; 1x2.5mm²

Mounting:

- to a flat metal or plastic surface with thickness: max 4mm
- opening with size: Ø 22.5mm

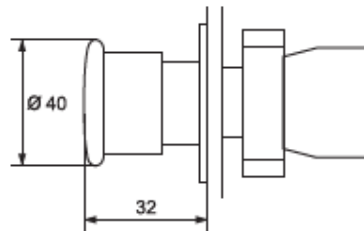
Variants and dimensions:

- Button with head “mushroom” type 1NC



Type	Description	Type of contact	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL 2-BC 42	Button with head “mushroom” type	1NC	6	red	spring reverse	15 / 150	401642

- Button with head “mushroom” type 1NC+1NO



Type	Description	Type of contact	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL 2-BS 545	Button with head “mushroom” type	1NC+1NO	6	red	release with spinning	15 / 150	401545

Standards:

EN 60947-1

EN 60947-5-1

