



Part no.: 63000008
ESB200-8TR-M12p
E-Stop button



Figure can vary

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- Technical data
- Electrical connection

Part no.: 63000008 – ESB200-8TR-M12p – E-Stop button

Technical data

Basic data	
Series	ESB200
Functions	
Functions	E-STOP control device in accordance with EN 60947-5-5
Characteristic parameters	
SIL	Up to 3 , IEC 61508
Performance Level (PL)	Up to and including e , EN ISO 13849-1
Mission time T _M	20 years , EN ISO 13849-1
Category	Up to incl. 4 (depending on wiring) , EN ISO 13849
B10 _d	600,000 number of cycles
Life expectancy contact	20,000,000 switching cycles
Electrical data	
Protective circuit	Short circuit protected
Usage category at DC 13	Ue 24 V, Ie 2 A , EN 60947-5-1
Usage category at AC 15	Ue 24 V, Ie 2 A , EN 60947-5-1
Contact allocation	2NC
Contact opening	Force-fit
Short circuit protected	500 V, 2 A, type gG/gL , IEC 60269-1
Performance data	
Rated insulation voltage	30 V AC, 36 V DC
Conventional thermal current, max.	2 A
Connection	
Number of connections	1 Piece(s)
Connection 1	
Type of connection	Connector
Function	Contact connection
Mechanical data	
Dimension (W x H x L)	80 mm x 102.3 mm x 72 mm
Housing material	Plastic , Glass fiber reinforced (PPS), self-extinguishing
Electrical contact material	Silver alloy
Net weight	248 g
Housing color	Black Yellow, RAL 1023
Type of fastening	Through-hole mounting Wall mounting
Type of cable entry	M12
Installation position	Arbitrary
Switch type	E-Stop command device , ISO 14119
Switching principle	Slow-action contact
Mechanical life time	300,000 actuation cycles , IEC 60947-5-1 switching cycles
Actuation frequency, max.	3,600 per hour , IEC 60947-5-1
Type of actuation	Red button
Button actuation force	25 N

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Sensor material	Plastic
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Environmental data

Ambient temperature, operation	-25 ... 80 °C
Degree of contamination	3 , EN 60947-1

Certifications

Degree of protection	IP 67 IP 69K
Certifications	c UL US

Classification

Customs tariff number	85369095
eCl@ss 8.0	27371244
eCl@ss 9.0	27371244
ETIM 5.0	EC002034
ETIM 6.0	EC002034

Electrical connection

Connection 1	
Type of connection	Connector
Function	Contact connection
Thread size	M12
Type	Male
Material	Plastic
No. of pins	4 -pin
Encoding	A-coded

Pin	Pin assignment
1	n.c.
2	n.c.
3	NC(1)
4	NC(1)
5	NC(2)
6	NC(2)
7	NO(1)
8	NO(1)