



SSP

Safety System Products

SB-H00-EA-Q1A0-Q2A0-Q3C0-Q4A0-W01

Simplifier BOX 253

Your advantages

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we simplify safety



Safety System Products

SB-H00-EA-Q1A0-Q2A0-Q3C0-Q4A0-W01

- SB-H00: Simplifier Box
- Lower housing: Color anthracite, no opening for connectors on the back
- Upper housing: Color gray, possible integration of three control points
- EA: Emergency stop button, 2 x NC
- Q1A0: Connector at the bottom left with cover
- Q2A0: Connector on top left with cover
- Q3C0: Bottom right male connector M12 5-pin
- Q4A0: Connector on top right with cover
- W01: already prewired

General data

Product name	Simplifier BOX 253
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Button position 1

Type designation	E2
Item number	SP-X-87-000-20
Function type	Emergency stop
Type designation	SB-H00-EA-Q1A0-Q2A0-Q3C0-Q4A0-W01
Functional type	Operating unit

Connection

- Position 3	Q3C0- Bottom right male connector M12 5-pin
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Safety data

Approvals	CE
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Environmental conditions

Max. operating temperature	□20 ... + 65 °C
Max. storage temperature	□20 ... + 65 °C

Electrical data

Type designation	EA
Connection type	Spring-loaded terminals
Bounce time NC	<10 ms
Utilisation category	DC13

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Rated voltage	24 V DC
Button position 1	
mechanical lifespan	50.000 switching cycles
Number of pins	6
Single - wire	0,20 ... 0,5 mm ²
Fine - wire	0,20 ... 0,5 mm ² mm ²
Fine - wire (wire end ferrule with plastic collar)	0,20 ... 0,5 mm ²
Fine - wire (wire end ferrule without plastic collar)	0,25 mm ²
Wire stripping	5 ... 6 mm

Mechanical data

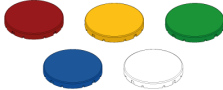
Housing type	
Installation opening of buttons	22,5 mm
Torque (mounting nut)	1,5-1,9 Nm
Width	42 mm
Length	253 mm

Dimensions

Height	44 mm
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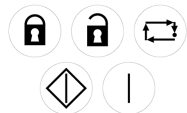
Equipment

Wireless Safety	
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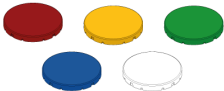
Article code ZTK5	Button cap set for	SP-X-88-001-19	
	illuminated buttons		

Article code ZTK6	Button cap sets for unlit	SP-X-88-001-19	
	buttons		

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	Inscription label set ZB1	SP-X-88-001-21	
	Inscription label set ZB2	SP-X-88-001-22	
	Inscription label set ZB3	SP-X-88-001-23	
Article code ZMT	Installation wrench	SP-X-88-001-25	
Article code ZUK	Liftingtool for button and light caps	SP-X-88-001-26	
Article code ZMB	Mounting plate big	SP-N-88-850-02	
Article code ZMS	Mountingplate small	SP-N-88-850-01	
Article code ZSD	Screw with seal	SP-X-88-001-89	

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Artikelcode ZLK5	Signal light caps set for	SP-X-88-001-19	
	signal lights		
Fastening set for Safety Simplifier for back panel mounting	Simplifier ZHMS	SP-X-88-001-91	
Fastening set for Safety Simplifier	Simplifier ZHS	SP-X-88-001-91	

Downloads

- Product line
- Operating Instructions