



SSP

Safety System Products

SB-H03-EA-IA-IA-Q1A0-Q2A0-Q3E0-Q4A0-W05

Simplifier Box 253

Your advantages

To the downloads ►



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Safety System Products

SB-H03-EA-IA-IA-Q1A0-Q2A0-Q3E0-Q4A0-W05

- SB-H03: 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
- IA: Illuminated button, 1x NO (5 x button caps enclosed)
- IA: Illuminated button, 1x NO (5 x button caps enclosed)
- Q1A0: Connector at the bottom left with cover
- Q2A0: Connector on top left with cover
- Q3E0: Bottom right male connector M12 12-pin
- Q4A0: Connector on top right with cover
- W05: already prewired

General data

Type designation	SB-H03-EA-IA-IA-Q1A0-Q2A0-Q3E0-Q4A0-W05
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Button position 1

Type designation	EA
Functional type	Operating unit
Type designation	IA
Product name	Simplifier Box 253

Button position 2

Function type	Emergency stop
Function type	Illuminated Button

Button position 3

Type designation	IA
Function type	Illuminated Button

Connection

- Position 3	Q3E0- Bottom right male connector M12 12-pin
	250.000
	24 V DC

Safety data

Approvals	CE
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Environmental conditions

Max. storage temperature	□20 ... + 65 °C
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SB-H03-EA-IA-IA-Q1A0-Q2A0-Q3E0-Q4A0-W05

Max. operating temperature

□20 ... + 65 °C

Electrical data

Button position 1

Type designation	EA
Bounce time NC	< 10 ms
Utilisation category	DC13
Rated voltage	24 V DC
	< 50 mOhm
mechanical lifespan	50.000 switching cycles
Number of pins	6

Wire size

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
	E
	12

Mechanical data

Housing type

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

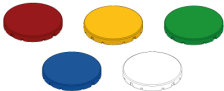
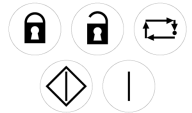
Dimensions

Height	44 mm
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Equipment

Wireless Safety

SB-H03-EA-IA-IA-Q1A0-Q2A0-Q3E0-Q4A0-W05

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		
	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	

SB-H03-EA-IA-IA-Q1A0-Q2A0-Q3E0-Q4A0-W05

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

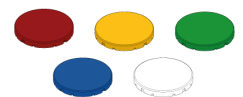
SP-X-88-001-89



Artikelcode ZLK5

Signal light caps set for
signal lights

SP-X-88-001-19



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