



SSP

Safety System Products

S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62

Safety Simplifier Standard Module

Your advantages

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General data

Item number	SP-X-89-100-37
Functional type	Safety PLC wit safe wireless, internal antenna
Type designation	S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62
- Position 1	Q1A0 - Connection bottom left with cover
- Position 2	Q2A0 - Connection top with cover
- Position 4	Q4A0 - Connection top right with cover
- Position 3	Q3C0- connection bottom right side including male plug M12-5 Pin
- Position 5	Q5M0 - female plug M12 8-pin
- Position 6	Q6M0 - female plug M12 8-pin
- Position 7	Q7M0 - female plug M12 8-pin
- Position 8	Q8M0 - female plug M12 8-pin

Safety data

CPU

- IEC 61508-2	SIL CL 4
- EN ISO 13849-1: 2008 TM [Year]	21
- EN ISO 13849-1: 2008 TM [Year]	21

2-channel input

- IEC 61508-2	SIL CL 4
- EN ISO 13849-1: 2008 TM [Year]	21
Approvals	CE, TÜV

Environmental conditions

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

Electrical data

Channels

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- max. amount of safe wireless channels	17
- Channel 1	2405 MHz
- Channel 2	2410 MHz
- Channel 3	2415 MHz
- Channel 4	2420 MHz
- Channel 5	2425 MHz
- Channel 6	2430 MHz
- Channel 7	2435 MHz
- Channel 8	2440 MHz
- Channel 10	2450 MHz
- Channel 9	2445 MHz
- Channel 11	2455 MHz
- Channel 12	2460 MHz
- Channel 13	2465 MHz
- Channel 15	2475 MHz
- Channel 14	2470 MHz
- Channel 16	2480 MHz
Type terminal connection	clamp terminal
Memory card	Installation of memory card MEM SP-N-88-001-93 possible
Programming connection	Micro USB Wireless-Interface
- amount of clamps	33
Conductor cross section	
- single wire	0,08 ... 0,5 mm ²
- fine wire	0,08 ... 0,5 mm ²
- fine wired (wire sleeve with plastic collar)	0,08 ... 0,5 mm ²
- fine wired (wire sleeve without plastic collar)	0,25 mm ²
stripping length	5-6 mm
configurable In-/ Outputs	
14 semiconductor In-/ Outputs with help of software configurable	
Amount of safe inputs	max. 14
Amount of safe semi-conductors OSSD outputs	max. 14

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Amount of semi-conductors auxilliary outputs	max. 14
Amount of semi-conductors clock outputs	max. 8
Output type	PNP-Semi-conductor
Output voltage	Operating voltage UB -0,5 V
Seperate output current	max. 600 mA (with UB 24 V)
Total output current	max. 0,6 mA (with UB 24 V)
Short-circuit proof	YES

Mechanical data

Installation opening of buttons	22,5 mm
Type of housing	H06
Width	42 mm

Dimensions

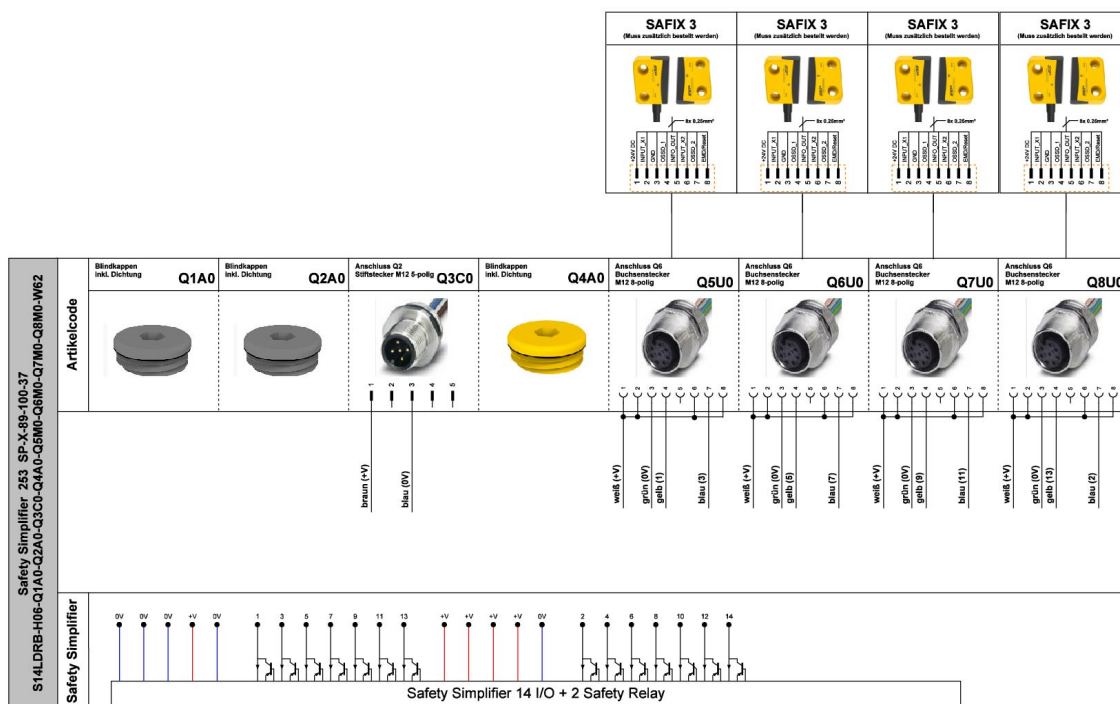
Length	253 mm
Height	44 mm

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S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62

Electrical drawings

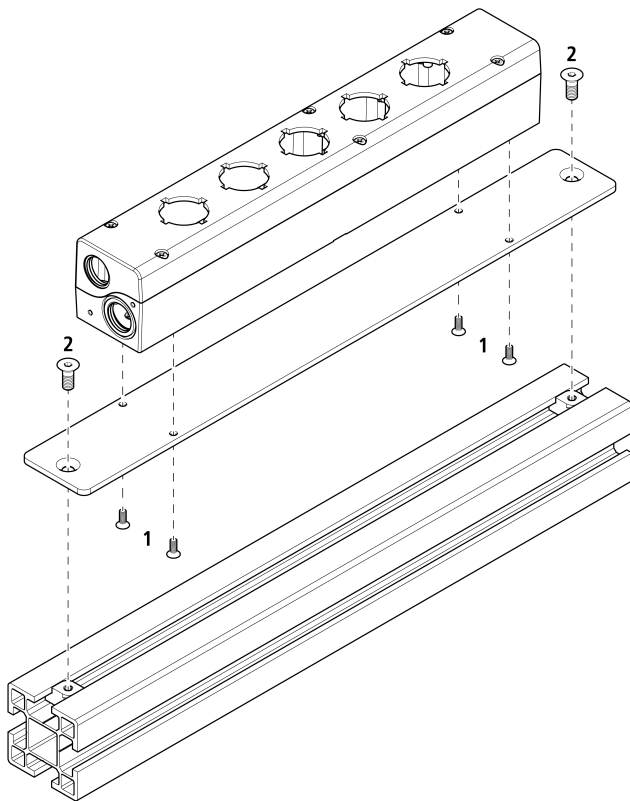
Pin assignment 1



S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62

Drawings

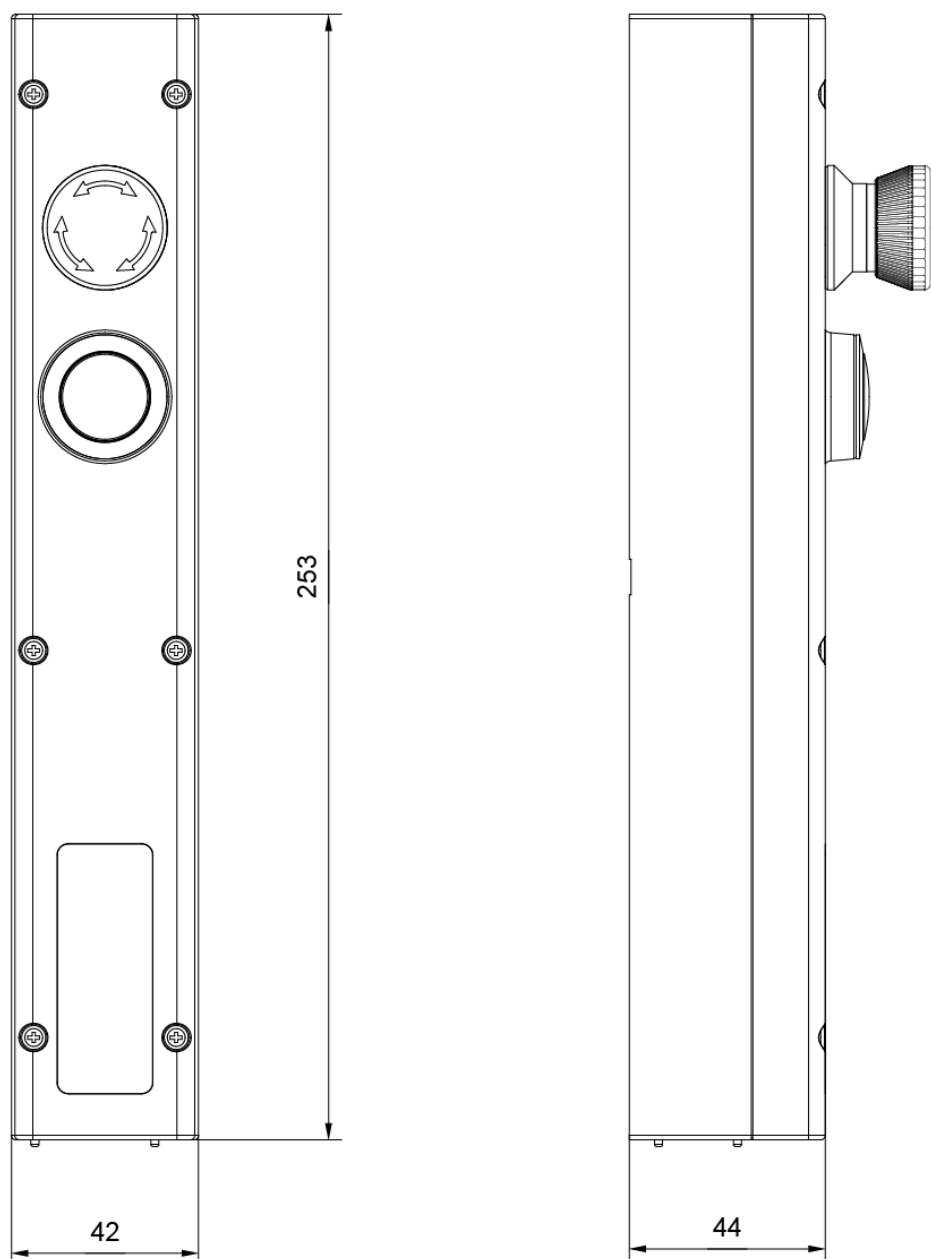
Assembly



- 1.) Gehäuse über den dafür vorgesehenen Bohrungen positionieren und mit den vier mitgelieferten M3 Senkkopfschrauben auf der Montageplatte befestigen.
- 2.) Montageplatte mit zwei M5 Senkkopfschrauben (nicht im Lieferumfang enthalten) zum Beispiel auf einer Profilschiene befestigen.

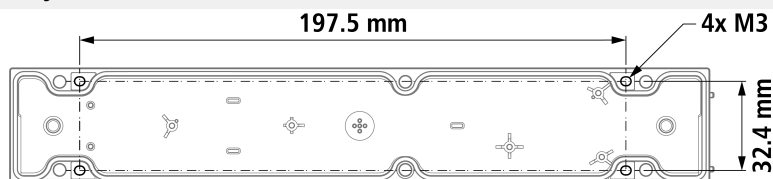
S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62

Dimensions



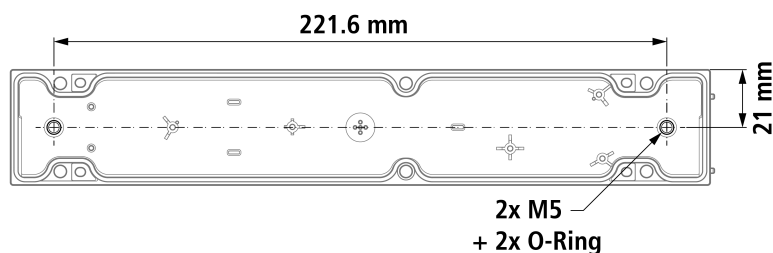
S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62

Assembly 2



Befestigungsvariante 1:

Von aussen, mit vier M3 Schrauben an den dafür vorgesehenen Langlöchern.



Befestigungsvariante 2:

Im Gehäuseinnern, mit zwei mit O-Ringen bestückten M5 Schrauben an beiden Enden des Gehäuses. Die Öffnungen für die beiden M5 Schrauben müssen dabei herausgebrochen werden.

Equipment

Wireless Safety

Article code ZMB

Mounting plate big

SP-N-88-850-02



S14LDRB-H06-Q1A0-Q2A0-Q3C0-Q4A0-Q5M0-Q6M0-Q7M0-Q8M0-W62

Article code ZMS

Mountingplate small

SP-N-88-850-01



Free software for the Safety Simplifier System

Simplifier Manager



Simplifier Monitor SRM

SP-N-88-850-03



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



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