



SSP

Safety System Products

EOS2 304 A

Safety light curtain for hand detection with automatic restart

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we simplify safety

EOS2 304 A

General data

Type designation	EOS2 304 A
Item number	SP-R-13-203-01
Functional type	Safety light curtain for hand detection with automatic restart
Number of beams	11
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Hand

Safety data

SIL (acc. IEC 62061)	Typ 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
MTTFd (ISO 13849-1) years	438.1
PFHd (EN ISO 13849)	0.000000023
Approvals	CE; TÜV SUD; UL Listed ESPE; TS - Taiwan; WEEE, insulation class low voltage; China RoHs; IP65 - IP67; UKCA
Performance Level (EN ISO 13849-1: 2015)	Typ 2 - PL c
Safety functions	With external module

Environmental conditions

Protective covers	None
Max. operating temperature	- 30 ... 55 °C

Electrical data

Response times	5
Max. voltage (VDC)	24 ± 20%
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and polarity reversal
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)

Mechanical data

Protected height (mm)	310
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EOS2 304 A

Resolution (mm)	40
Controlled height (mm)	300
Max. Range (m)	12
Restart	Automatic
Total height (mm)	363
Cross-sectional dimensions (mm)	28 x 30
Mounting	Back slot with LE-type brackets (included in delivery) or at the top and bottom with SFB E swivel brackets (optional)
Max. Length of connection cable (m)	100 (50 between master and slave)
Connections	M12 5-pole connectors
Packaging dimensions HxLxW (mm)	145 x 390 x 200
Gross weight (g)	1464.46

Equipment

Accessories			
M12-female connector, 5 pin, 10 m	CD10	SP-R-13-309-56	
M12-female connector, 5 pin, 15 m	CD15	SP-R-13-309-52	
M12-female connector, 5 pin, 20 m	CD20	SP-R-13-309-57	
M12-female connector, 5 pin, 25 m	CD25	SP-R-13-309-49	

EOS2 304 A

M12-female connector, 5 pin, 5 m

CD5

SP-R-13-309-50



M12-female connector, 5 pin, 50 m

CD50

SP-R-13-309-65



Downloads

- EOS2 304 A