



SSP

Safety System Products

EOS2 3B XM

Safety light curtain for access control for cascade switching with automatic/manual restart and EDM (master)

Your advantages

To the downloads ►



we simplify safety

EOS2 3B XM

General data

Item number	SP-R-13-206-21
Type designation	EOS2 3B XM
Functional type	Safety light curtain for access control for cascade switching with automatic/manual restart and EDM (master)
Master Slave Models	Yes
Number of beams	3
Signalling	LEDs for status and diagnostics of the light curtain
Detection	Access control

Safety data

SIL (acc. IEC 62061)	Typ 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
MTTFd (ISO 13849-1) years	524.1
PFHd (EN ISO 13849)	1.87E-08
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	Integrated

Environmental conditions

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

Electrical data

Response times	See technical manual
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)	810
-----------------------	-----

EOS2 3B XM

Resolution (mm)	Multi-beams
Controlled height (mm)	890
Max. Range (m)	12
Restart	Built-in - user selectable automatic or manual
Total height (mm)	977
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 connector (emitter), M12 8-pole connector (receiver)
Packaging dimensions HxLxW (mm)	145 x 1040 x 200
Gross weight (g)	3197.96

Equipment

Accessories			
M12-female connector, 8 pin, 10 m	C8D10	SP-R-13-309-81	
M12-female connector, 8 pin, 15 m	C8D15	SP-R-13-309-82	
M12-female connector, 8 pin, 25 m	C8D25	SP-R-13-309-67	
M12-female connector, 8 pin, 40 m	C8D40	SP-R-13-309-66	

EOS2 3B XM

M12-female connector, 8 pin, 5 m	C8D5	SP-R-13-309-80	
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	
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	

EOS2 3B XM

Downloads

- EOS2 3B XM