

# SAFETY LIGHT CURTAINS

## EOS2 2253 X

Built-in, selectable manual/automatic Start/Restart. Feedback input for external relays monitoring (EDM). Muting function through external AD SRM interface, Mosaic or Safety PLC.



### Certifications:



### Technical data:

Family	EOS2
Code	1320735
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat.2
Height of controlled area (mm)	2250
Detection	Hand
Height of protected area (mm)	2260
Resolution (mm)	30
Number of beams	113
Power supply (VDC)	24 ± 20%
Max. length of the connection cables (m)	100 (50 between Master and Slave)
Operating Range (m)	4 or 12 selectable
Connections	5/8 poles M12 connectors
Response time (ms)	27
Safety outputs	2 PNP - 400mA at 24 VDC with protection against short circuit, overload and reverse polarity
Signalling	LEDs for light curtains status and diagnostic
Safety functions	Integrated
Muting Function	With external modules
Blanking function	No
CCF (ISO 13849-1)	80%
MTTFd (ISO 13849-1) years	102,0
PFHd (IEC 61508)	1,09E-07
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -30 to 55
Cross section dimensions (mm)	28 x 30
Overall height (mm)	2313
Fixing modes	Back
Gross weight (Kg)	-
Master Slave Models	no
Enclosures	None
Packaging dimensions W x H x L (mm)	195 x 135 x 2350

## Accessories:

[CABLES CD 5](#)  
[CABLES CD 10](#)  
[CABLES CD 15](#)  
[CABLES CD 20](#)  
[CABLES CD 25](#)  
[CABLES CD 50](#)  
[CABLES CD 95](#)  
[CABLES CD 910](#)  
[CABLES CD 915](#)  
[CABLES C8D 5](#)  
[CABLES C8D 10](#)  
[CABLES C8D 15](#)  
[CABLES C8D 25](#)  
[CABLES C8D 40](#)  
[CABLES C8D 95](#)  
[CABLES C8B 910](#)  
[CABLES C8D 915](#)  
[CABLES CDM 9](#)  
[CABLES CDM 99](#)  
[CABLES C8DM 11](#)  
[CABLES C8DM 911](#)  
[FMC S2000](#)  
[LASER ALIGNMENT LAD 4](#)  
[ACCESSORIES SAV-12E](#)  
[ACCESSORIES PSE 1800](#)  
[ACCESSORIES SFS E](#)  
[ACCESSORIES BRAKETS SFB 6E](#)  
[ACCESSORIES BRAKET SFB E 180](#)  
[ACCESSORIES FE 4 BRAKETS](#)  
[ACCESSORIES TR 30](#)

## Related products:

[MOSAIC M1](#)  
[MOSAIC MR2](#)  
[AD SRM Type 4 interface with Muting function](#)  
[Safety relay modules AD SR0 - For devices with integrated EDM](#)  
[Safety relay modules AD SR0A - For devices with integrated EDM](#)

**See technical drawing in the next page.**

Technical drawing:

A1 = 2250 mm  
A = 2313 mm

