

SAFETY LIGHT CURTAINS

EOS4 303 X

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



Certifications:



Technical data:

Family	EOS4
Code	1310211
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Height of controlled area (mm)	300
Detection	Hand
Height of protected area (mm)	310
Resolution (mm)	30
Number of beams	16
Max. length of the connection cables (m)	100
Connections	5/8 poles M12 connectors
Power supply (VDC)	24 +/- 20%
Operating Range (m)	4 or 12 selectable
Response time (ms)	5,5
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 Start / Restart and EDM	Built-in
Muting Function	With external modules
Blanking function	No
MTTFd (ISO 13849-1) years	403,50
PFHd (IEC 61508)	9,52E-09
CCF (ISO 13849-1)	80%
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -30 to 55
Cross section dimensions (mm)	28 x 30
Overall height (mm)	363
Fixing modes	Back
Packaging dimensions WxHxL (mm)	195x135x400
Gross weight (Kg)	1,8
Protective enclosures	no
Master Slave Models	no

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 CDM 9](#)
[CABLES CDM 99](#)
[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 C8DM 11](#)
[CABLES C8DM 911](#)
[FMC S1700 COLUMN WITH MIRROR](#)
[FMC EB2 FLOOR SUPPORT COLUMN](#)
[FMC EB2R FLOOR SUPPORT COLUMN](#)
[LASER ALIGNEMENT LAD 4](#)
[ACCESSORIES VIBRATION DAMPERS SAV-8E](#)
[ACCESSORIES PSE 300 PROTECTIVE SCREEN](#)
[ACCESSORIES SFS E - SET OF STAINLESS STEEL CLAMP](#)
[ACCESSORIES BRAKETS SFB 4E](#)
[ACCESSORIES BRAKET SFB E 180](#)
[ACCESSORIES FE 4 BRAKETS](#)
[ACCESSORIES TR 30 TEST ROD](#)
[ACCESSORIES SP 300 S - DEFLECTION MIRROR](#)

Related products:

[MOSAIC M1](#)
[MOSAIC MR2](#)
[AD SRM Type 4 interface with muting for light curtains](#)
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0](#)
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0A](#)

See technical drawing in the next page.

Technical drawing:

A1 = 300 mm
A = 363 mm

