

SAFETY LIGHT CURTAINS

EOS4 1803 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	1310273
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Detection	Hand
Height of protected area (mm)	1810
Height of controlled area (mm)	1800
Resolution (mm)	30
Number of beams	91
Power supply (VDC)	24 ± 20%
Operating Range (m)	4 or 12 selectable
Max. length of the connection cables (m)	100
Connections	M12 5-pole connector (emitter), M12 8-pole connector (receiver)
Response time (ms)	22
Safety outputs	2 PNP - 400 mA 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%
system MTTFd (ISO 13849-1) years	124,80
PFHd (IEC 61508)	2,15E-08
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -30 to 55
Cross section dimensions (mm)	28 x 30
Overall height (mm)	1863
Fixing modes	Back
Master Slave Models	no
Enclosures	None
Packaging dimensions W x H x L (mm)	195 x 135 x 1900
Gross weight (Kg)	5,8

Retro-reflector passive element

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 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 EB2000](#)
[FMC EB2000R](#)
[LASER ALIGNMENT LAD 4](#)
[ACCESSORIES SAV-12E](#)
[ACCESSORIES PSE 1800](#)
[ACCESSORIES SFS E](#)
[ACCESSORIES BRACKETS SFB 6E](#)
[ACCESSORIES BRACKETS SFB FAST 4E](#)
[ACCESSORIES TR 30](#)
[ACCESSORIES SP 1800 S](#)

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 = 1800 mm
A = 1863 mm

