

SAFETY LIGHT CURTAINS

EOS4 451 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	1310012
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Height of controlled area (mm)	450
Detection	Finger
Height of protected area (mm)	460
Resolution (mm)	14
Number of beams	45
Max. length of the connection cables (m)	100
Connections	5/8 poles M12 connectors
Power supply (VDC)	24 ± 20%
Operating Range (m)	3 or 6 selectable
Response time (ms)	7,5
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	Integrated
Muting Function	With external modules
Blanking function	No
system MTTFd (ISO 13849-1) years	431,5
PFHd (IEC 61508)	1,38E-08
CCF (ISO 13849-1)	80%
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -20 to 55
Cross section dimensions (mm)	28 x 30
Overall height (mm)	513
Fixing modes	Back
Packaging dimensions W x H x L (mm)	195 x 135 x 500
Gross weight (Kg)	2,3
Enclosures	None
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 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 S1700](#)
[FMC EB2](#)
[FMC EB2R](#)
[LASER ALIGNMENT LAD 4](#)
[ACCESSORIES SAV-8E](#)
[ACCESSORIES PSE 450](#)
[ACCESSORIES SFS E](#)
[ACCESSORIES BRACKETS SFB 4E](#)
[ACCESSORIES BRACKETS SFB E 180](#)
[ACCESSORIES BRACKETS FE 4](#)
[ACCESSORIES BRACKETS SFB FAST 4E](#)
[ACCESSORIES TR 14](#)
[ACCESSORIES SP 400 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 = 450 mm

A = 513 mm

