

SAFETY LIGHT CURTAINS

EOS4 603 XH

Built-in, selectable manual/automatic Start/Restart Built-in feedback input for external relays monitoring (EDM). Max. range 20 m. Muting function through external AD SRM interface, Mosaic or Safety PLC



Certifications:



Technical data:

Family	EOS4
Code	1310263
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Height of controlled area (mm)	600
Detection	Hand
Height of protected area (mm)	610
Resolution (mm)	30
Number of beams	31
Connections	M12 5-pole connector (emitter), M12 8-pole connector (receiver)
Power supply (VDC)	24 ± 20%
Operating Range (m)	10 or 20 selectable
Max. length of the connection cables (m)	100
Response time (ms)	6
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	473,1
PFHd (IEC 61508)	1,25E-08
Degree of protection	IP 65 - IP 67
Operating temperature (°C)	From -20 to 55
Cross section dimensions (mm)	28 x 30
Overall height (mm)	663
Fixing modes	Back
Packaging dimensions W x H x L (mm)	195 x 135 x 700
Gross weight (Kg)	2,5
Retro-reflector passive element	No
Product class	C

Technical drawing:

A1 = 600 mm

A = 663 mm

