

SAFETY LIGHT CURTAINS

ADMIRAL AD 1209

Automatic Start/Restart. The ideal light curtain for straightforward interfacing with safety modules(i.e. ADSR1), Mosaic controller or Safety PLC.

Certifications:



Technical data:

Family	ADMIRAL AD
Code	1330507
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Height of protected area (mm)	1210
Detection	Presence of the body in a dangerous area
Resolution (mm)	90
Number of beams	17
Power supply (VDC)	24 +/- 20%
Max. length of the connection cables (m)	50
Connections	5 poles M12 connector
Operating Range (m)	6 or 18 selectable
Response time (ms)	6
Safety outputs	2 PNP - 500 mA at 24 VDC with protection against short circuit, overload and reverse polarity
Signalling	7 segment display and LEDs for light curtains status and diagnostics
Safety functions Start / Restart and EDM	With external modules
Muting Function	With external modules
Blanking function	No
CCF (ISO 13849-1)	80%
MTTFd (ISO 13849-1) years	100
PFHd (IEC 61508)	1,32E-08
Degree of protection	IP 65
Operating temperature (°C)	From 0 to 55
Cross section dimensions (mm)	35 x 45
Overall height (mm)	1311
Fixing modes	Back or side slot, top and lower end
Master Slave Models	no
Protective enclosures	no
Packaging dimensions WxHxL (mm)	195x135x1360
Gross weight (Kg)	6,6

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](#)
[FMC B1700 FLOOR SUPPORT COLUMN](#)
[FMC B1700R FLOOR SUPPORT COLUMN](#)
[ACCESSORIES VIBRATION DAMPERS SAV-3](#)
[ACCESSORIES BRACKETS SFB](#)
[ACCESSORIES SLA ADDITIONAL ARMS FOR L MUTING](#)
[ACCESSORIES STA ADDITIONAL ARMS FOR T MUTING](#)
[ACCESSORIES SP 1200 S - DEFLECTION MIRROR](#)

Related products:

[MOSAIC M1](#)
[AD SR1 Type 4 Safety interface for light curtains](#)
[AD SRM Type 4 interface with muting for light curtains](#)

See technical drawing in the next page.

Technical drawing:

A = 1311 mm

