

SAFETY LIGHT CURTAINS

ADMIRAL AD 153

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	1330200
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Height of protected area (mm)	160
Detection	Hand
Resolution (mm)	30
Number of beams	8
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)	9,58E-09
Degree of protection	IP 65
Operating temperature (°C)	From 0 to 55
Cross section dimensions (mm)	35 x 45
Overall height (mm)	261
Fixing modes	Back or side slot, top and lower end
Master Slave Models	no
Protective enclosures	no
Packaging dimensions WxHxL (mm)	195x135x310
Gross weight (Kg)	2

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 BRAKETS SFB](#)
[ACCESSORIES TR 30 TEST ROD](#)
[ACCESSORIES SLA ADDITIONAL ARMS FOR L MUTING](#)
[ACCESSORIES STA ADDITIONAL ARMS FOR T MUTING](#)
[ACCESSORIES SP 100 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 = 261 mm

