

ADMIRAL AX 459

Order Code: 1334502

Body Detection Safety Light Curtain with Automatic/Manual Restart and EDM



Safety level

Type 4 - PL e

Protected height (mm)

460

Resolution (mm)

90

Max. range (m)

18

Restart

Built-in - User selectable
automatic or manual

Functioning system

Emitter / Receiver

Technical Description

Safety Light Curtain: Type 4, SILCL 3, PL e, Cat. 4

Cross Section: 35 x 45 mm

Hardware configuration: no programming necessary, easy to install and replace

Connection and configuration through M12 connectors

Unshielded cables up to 100 m can be used to connect the Safety Light Curtain

What's in the Box: Emitter, Receiver and Standard Fastening Brackets

Features

Safety level	Type 4 - PL e
Protected height (mm)	460
Resolution (mm)	90
Max. range (m)	18
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	6
Number of beams	7
Max. length of the connection cables (m)	100
Signalling	7 segment display and LEDs for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (500 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Connections	M12 5-pole connector (emitter), M12 8-pole connector (receiver)
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,04E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	Integrated
Detection	Body

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Protective enclosures	None
Packaging dimensions HxLxW (mm)	145 x 600 x 200
Product class	C
Custom tariff	85365019

Electrical data

Power supply (VDC)	24 ± 20%
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Mechanical data

Overall height (mm)	561
Cross section dimensions (mm)	35 x 45
Degree of protection	IP65
Fastening	Back slot, side slot with set of LS type brackets (included) or to the top and lower end with SFB swivel brackets (optional)
Gross weight (g)	2889,56

Technical drawings



Certificates

