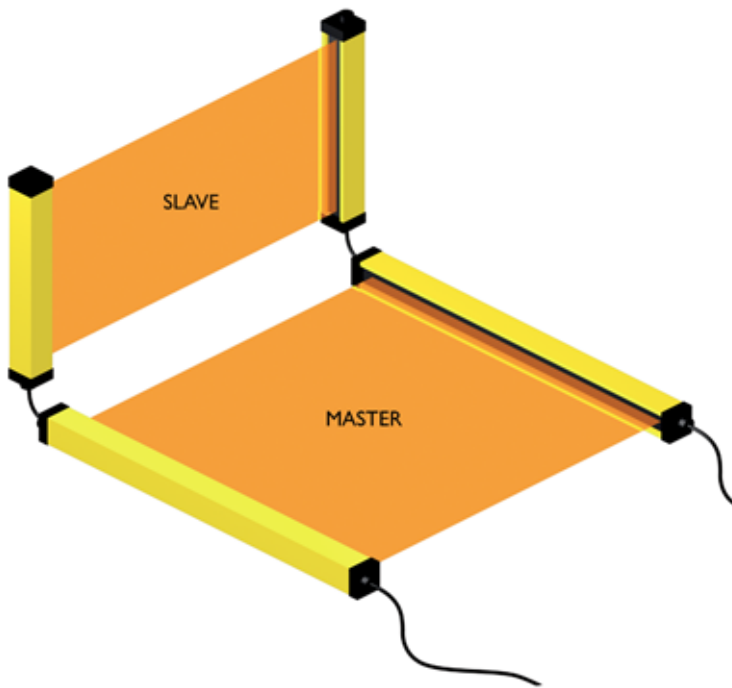


## ADMIRAL AX 453 S

Order Code: 1334242

Hand Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM (Slave)



**Safety level**  
Type 4 - PL e

**Protected height (mm)**  
460

**Resolution (mm)**  
30

**Max. range (m)**  
18

**Restart**  
Built-in - User selectable  
automatic or manual

**Functioning system**  
Emitter / Receiver

**Master Slave Models**  
yes

### 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)	30
Max. range (m)	18
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Master Slave Models	yes
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	See technical manual
Number of beams	24
Max. length of the connection cables (m)	50
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 connectors
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,14E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	Integrated
Detection	Hand

## ADMIRAL AX 453 S

Protective enclosures	None
Packaging dimensions HxLxW (mm)	145 x 600 x 200

Product class	C
Custom tariff	85365019

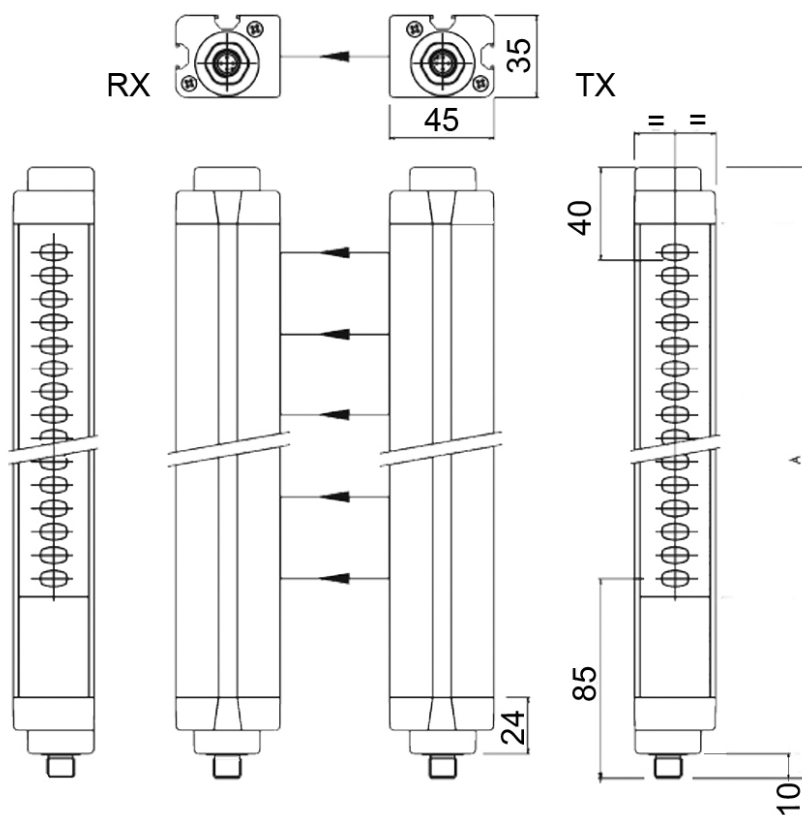
## Electrical data

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**

