# REER Your future's safe!

### **EOS2 453 ATL**

Order Code: 1321227

Hand Detection Safety Light Curtain with Automatic Restart. Resistant to High Vibrations. Reduced Range



Safety level

Type 2 - PL c

Protected height (mm)

460

Resolution (mm)

30

Max. range (m)

6

Restart

**Automatic** 

**Functioning system** 

Emitter / Receiver

# **Technical Description**

Compact Safety Light Curtain: Type 2, SIL 1, SILCL 1, PL c, Cat. 2

Cross Section: 28 x 30 mm No blind area on one side

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

**EOS2 453 ATL** 



## **Features**

Safety level	Type 2 - PL c
Protected height (mm)	460
Resolution (mm)	30
Controlled height (mm)	450
Max. range (m)	6
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 55
Response time (ms)	8
Number of beams	23
Max. length of the connection	100
cables (m)	
Signalling	LEDs for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against
	short circuit, overload and reverse polarity
Connections	M12 5-pole connectors
MTTFD (ISO13849) years	315,6
PFHD (IEC 61508)	3,31E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Special versions	High vibrations
Detection	Hand



Operating Range (m) 6

Protective enclosures None

Packaging dimensions HxLxW 145 x 540 x 200

(mm)

Product class C

Custom tariff 85365019

#### **Electrical data**

Power supply (VDC)  $24 \pm 20\%$ 

#### Mechanical data

Overall height (mm)	513
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Cross section dimensions (mm) 28 x 30

Degree of protection IP65 - IP67

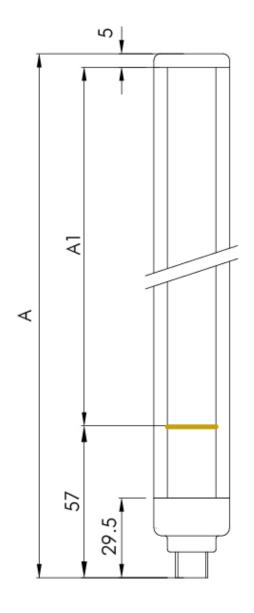
Fastening Back slot with set of LE type brackets (included) or to the top

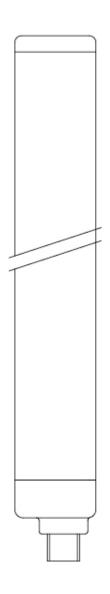
and lower end with swivel brackets SFB E (optional)

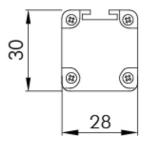
Gross weight (g) 1826,96



# **Technical drawings**









# **Certificates**

















