

Technical data sheet

Safety sensor/receiver set

Part no.: 426530

MLD510-R2-UDC-2500-S2-P

Contents

- Set consists of
- Technical data
- Accessories



For illustration purposes only



Set consists of

	Quantity	Part no.	Designation	Article	Description
	1	66533100	MLD510-R2	Multiple light beam safety device receiver	Number of beams: 2 Piece(s) Beam spacing: 500 mm Response time: 25 ms Connection: Connector, M12, Metal, 5 -pin
	1	426190	PSC-2500-S2	Protective screen	Suitable for: UDC-S2, DC-S2 device columns Dimensions: 2,480 mm Material: PMMA, gray
	1	549857	UDC-2500-S2	Device column	Functions: Adjustable, 3 directions, Mounting and protection of light curtains and multiple light beam devices Dimensions: 160 mm x 2,560 mm x 149 mm Column height without foot: 2,500 mm

Technical data

Basic data

Series	MLD-UDC
Device type	Receiver

Special version

Special version	Protective screen
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Functions

Functions	Contactor monitoring (EDM), selectable Start/restart interlock (RES), selectable
Reflective element for laser alignment aid	No
Integrated muting indicator	No
Integrated status indicator	No

Characteristic parameters

Type	4, IEC/EN 61496
SIL	3, IEC 61508
SILCL	3, IEC/EN 62061
Performance Level (PL)	e, EN ISO 13849-1
PFH _D	6.6E-09 per hour
Mission time T _M	20 years, EN ISO 13849-1
Category	4, EN ISO 13849

Optical data

Number of beams	2 Piece(s)
Beam spacing	500 mm

Mechanical data

With device column	Yes
Column height without foot	2,500 mm

Certifications

Classification

Customs tariff number	85365019
ECLASS 5.1.4	27272703
ECLASS 8.0	27272703
ECLASS 9.0	27272703
ECLASS 10.0	27272703
ECLASS 12.0	27272703
ECLASS 13.0	27272703
ETIM 5.0	EC001832
ETIM 6.0	EC001832
ETIM 7.0	EC001832
ETIM 8.0	EC001832

Accessories

Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50133860	KD S-M12-5A-P1-050	Connection cable	Connection 1: Connector, M12, Axial, Female, A-coded, 5 -pin Connector, LED: No Connection 2: Open end Shielded: Yes Cable length: 5.000 mm Sheathing material: PUR

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.