

Technical data sheet Acknowledgment unit

Part no.: 426298

MLDSET AC-ABF 70INV. A.1

Contents

- Technical data
- Electrical connection



For illustration purposes only



Technical data

Basic data

Contains	Acknowledgment unit AC-ABF70.INV
	Clamp
	Mounting plate
Suitable for	MLC 500, MLC 300 safety light curtains
	MLD 500, MLD 300 multiple light beam safety devices

Functions

Functions	Illuminated reset buttons
	Overriding with AOPDs with muting function
	Reset of the start/restart interlock
Reset buttons	Yes
LED indicators	Yes

Electrical data

Switching current via button	1 ... 1,000 mA
Performance data	
Supply voltage U_B	24 V, DC, -20 ... 20 %

Connection

Number of connections	2 Piece(s)
Connection 1	
Function	Connection to device
Type of connection	Cable with connector
Cable length	5,000 mm
Thread size	M12
Type	Male
Material	Metal
No. of pins	8 -pin
Connection 2	
Function	Connection with PLC
Type of connection	Cable with connector
Cable length	200 mm
Thread size	M12
Material	Metal
No. of pins	8 -pin

Mechanical data

Dimension (W x H x L)	110 mm x 80 mm x 110 mm
Plastic housing	Glass fiber reinforced (PPS), self-extinguishing
Housing color	Black
	Gray
Type of fastening	Mounting plate

Environmental data

Ambient temperature, operation	-25 ... 70 °C
Ambient temperature, storage	-25 ... 70 °C

Certifications

Degree of protection	IP 67
	IP 69K
Protection class	III

Classification

Customs tariff number	85369095
ECLASS 5.1.4	27279290
ECLASS 8.0	27279290
ECLASS 9.0	27279090
ECLASS 10.0	27371246
ECLASS 11.0	27371246
ECLASS 12.0	27371246
ECLASS 13.0	27371246
ECLASS 14.0	27371246
ECLASS 15.0	27371246
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	EC003015

Electrical connection

Connection 1

Function	Connection to device
Type of connection	Cable with connector
Cable length	5,000 mm
Sheathing material	PUR
Cable color	Black
Thread size	M12
Type	Male
Material	Metal
No. of pins	8 -pin
Encoding	A-coded

Electrical connection

Connection 2

Function	Connection with PLC
Type of connection	Cable with connector
Cable length	200 mm
Sheathing material	PUR
Cable color	Black
Thread size	M12
Type	Female
Material	Metal
No. of pins	8 -pin
Encoding	A-coded