

## 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

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

### Functions

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

### Electrical data

<b>Switching current via button</b>	1 ... 1,000 mA
<b>Performance data</b>	
<b>Supply voltage U<sub>B</sub></b>	24 V, DC, -20 ... 20 %

### Connection

<b>Number of connections</b>	2 Piece(s)
<b>Connection 1</b>	
<b>Function</b>	Connection to device
<b>Type of connection</b>	Cable with connector
<b>Cable length</b>	5,000 mm
<b>Sheathing material</b>	PUR
<b>Cable color</b>	Black
<b>Thread size</b>	M12
<b>Type</b>	Male
<b>Material</b>	Metal
<b>No. of pins</b>	8 -pin
<b>Encoding</b>	A-coded
<b>Connection 2</b>	
<b>Function</b>	Connection with PLC
<b>Type of connection</b>	Cable with connector
<b>Cable length</b>	200 mm
<b>Sheathing material</b>	PUR
<b>Cable color</b>	Black
<b>Thread size</b>	M12
<b>Type</b>	Female
<b>Material</b>	Metal
<b>No. of pins</b>	8 -pin
<b>Encoding</b>	A-coded

### Mechanical data

<b>Dimension (W x H x L)</b>	110 mm x 80 mm x 110 mm
<b>Plastic housing</b>	Glass fiber reinforced (PPS), self-extinguishing
<b>Net weight</b>	620 g
<b>Housing color</b>	Black Gray
<b>Type of fastening</b>	Mounting plate

### Environmental data

<b>Ambient temperature, operation</b>	-25 ... 70 °C
<b>Ambient temperature, storage</b>	-25 ... 70 °C

### Certifications

<b>Degree of protection</b>	IP 67
	IP 69K
<b>Protection class</b>	III

### Classification

<b>Customs tariff number</b>	85369095
<b>ECLASS 5.1.4</b>	27279290
<b>ECLASS 8.0</b>	27279290
<b>ECLASS 9.0</b>	27279090
<b>ECLASS 10.0</b>	27371246
<b>ECLASS 11.0</b>	27371246
<b>ECLASS 12.0</b>	27371246
<b>ECLASS 13.0</b>	27371246
<b>ECLASS 14.0</b>	27371246
<b>ECLASS 15.0</b>	27371246
<b>ECLASS 16.0</b>	27371246
<b>ETIM 5.0</b>	EC002498
<b>ETIM 6.0</b>	EC003015
<b>ETIM 7.0</b>	EC003015
<b>ETIM 8.0</b>	EC003015
<b>ETIM 9.0</b>	EC003015
<b>ETIM 10.0</b>	EC003015
<b>UNSPSC 26.08</b>	39122216

## Electrical connection

### Connection 1

<b>Function</b>	Connection to device
<b>Type of connection</b>	Cable with connector
<b>Cable length</b>	5,000 mm
<b>Sheathing material</b>	PUR

## Electrical connection

### Connection 1

Cable color	Black
Thread size	M12
Type	Male
Material	Metal
No. of pins	8 -pin
Encoding	A-coded

### 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