

Art-Nr. 607056



Complete Muting System

CPSET-M23 is a complete Muting system for access guarding areas, through which operational material must be transported. In addition to the optical protective device with integrated LED Muting indicator, the CPSET-M23 has two device columns, in which the devices are pre-mounted in such a way that they can be easily height-adjusted. The Muting Safety Devices are pre-mounted on 1 m long MMS supports. Cabling accessories for the sensors are included, and the connection cable for the switch cabinet can be separately ordered in various lengths.

The start/restart interlock function is selected and is awaited in a downstream safety sequential circuit.

Overriding a seized Muting line after switching on again or after errors is performed by pressing the reset button on socket X5 or X6 pin 4 of the sensor connection box, AC-SCM1-BT, or on signal M1 of the 12-pin interface cable twice and releasing it within 4 seconds.

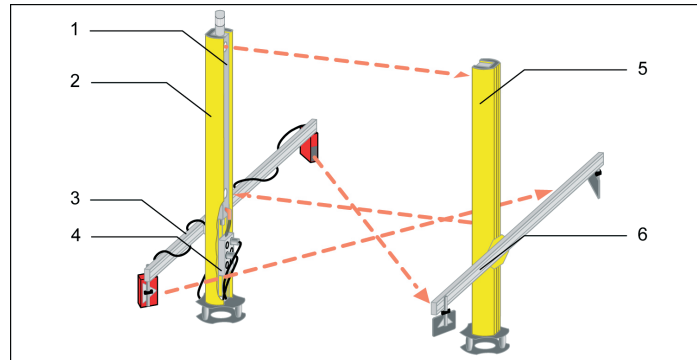
The contactor monitoring via cable M2 is not selected, but it can be activated with switch S1 in the CPRT-m.

Features

- Complete Muting set including device columns and accessories
- All Muting accessories included
- Without restart interlock delivery settings / restart interlock(S3)
- Diagnostics with SafetyLab PC software
- Parametering with switches is possible
- Parametering with SafetyLab is possible
- Safety-set relay output

Leuze electronic GmbH + Co. KG
Info@leuze.de • www.leuze.com

Setup



- 1 Muting Transceiver CPRT500-mI/R2
- 2 Device Column UDC-1300-S1
- 3 Muting Mounting System MMS-A-1000
- 4 Muting Sensor Connection Box AC-SCM1-BT
- 5 Deflecting Mirror CPM500/2V-S0 in Device Column UDC-1300-S1
- 6 Muting Mounting System, Reflectors preassembled MMS-P-1000

Electrical connection

The /R2 machine interface plug is assigned as follows:

Pin	Color	Inputs/outputs
1	Brown	+24 V DC
2	Pink	0 V
3	Blue	OSSD1A
4	Gray	OSSD2A
5	Black	M1 – RES_M, optional reset button connection
6	Orange	M2 – EDM, contactor monitoring (not active in FS)
7	Red	M3 – restart interlock; ready for unlocking
8	Purple	M4 – signal output; fault/dirt
9	White	OSSD1B
10	Beige	OSSD2B
11	Clear	M5 – not used
12	Green/yellow	FE, functional earth

Ready prepared cables in lengths 10 m, 25 m and 50 m, and preformable sockets are available. These are not included with delivery.

Installation and start-up (CB-LDH ...-12GF)

See the accompanying instructions for fixing the device columns to the floor. The supports for the Muting sensors are then fixed to the rear of the slot on the device columns at the correct height, as is the AC-SCM1-BT Sensor Connection Box. The Muting sensors are connected to sockets X2 and X3; the reset button not included with delivery) (and an optional external Muting indicator are connected to sockets X5 and X6.

The connection cable of the sensor connection box must be connected to the local connection socket; the cable from the switch cabinet is connected to the Hirschmann plug.

Ordering information

Article no.	Article	Description
909978	CPSET-M23	Complete Muting Set
426042	CB-LDH-10000-12GF	Conn. cable, 10 m, /R2 interface
426044	CB-LDH-25000-12GF	Conn. cable, 25 m, /R2 interface
426043	CB-LDH-50000-12GF	Conn. cable, 50 m, /R2 interface
426046	AC-LDH-12GF	Cable socket for /R2 interface
520073	SLAB-SWC	PC software for COMPACTplus

Subject to change without prior notice

Liebigstrasse 4
82256 Fuerstenfeldbruck / Germany

Phone +49 8141 5350-0
Telefax +49 8141 5350-190

2009/01