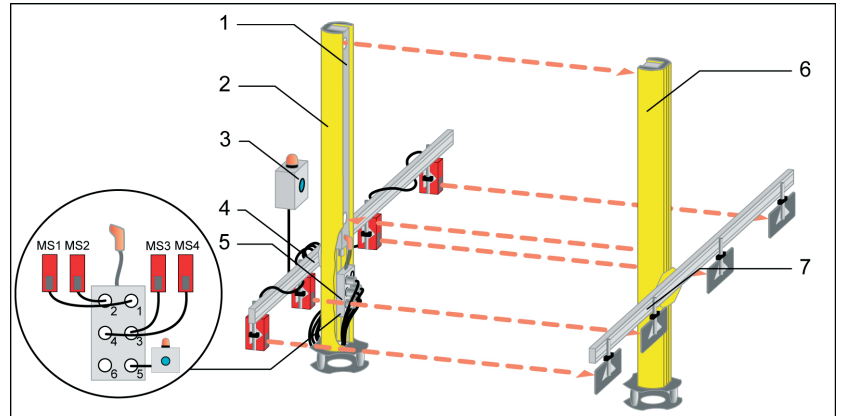




Structure



- 1 Muting transceiver CPRT500/2-m06/R2
- 2 Device column UDC-1900-S1
- 3 Display and control unit AC-ABF-SL1
- 4 Muting inst. system MMS-A-1000S with photoelectric sensors PRK46B/4D.2-S12
- 5 Muting sensor connection box AC-SCM1-BT
- 6 Deflecting mirror CPM500/2V-SO in device column UDC-1900-S1
- 7 Muting installation system MMS-P-1000S incl. reflectors

Electrical connection

The plug of the /R2 machine interface is wired as follows:

Pin	Colour	Inputs/outputs
1	brown	+24 V DC
2	pink	0 V
3	blue	OSSD1A, relay contact 1
4	grey	OSSD2A, relay contact 2
5	black	M1 – input RES_M, optional connection - reset button
6	orange	M2 – input (not active)
7	red	M3 – output, muting active
8	violet	M4 – output OSSD switching state (static)/ fault contamination (flashing)
9	white	OSSD1B, relay contact 1
10	beige	OSSD2B, relay contact 2
11	clear	M5 – not used
12	green/yellow	FE, functional earth

Connectors as well as ready-made cables in lengths 10 m, 25 m and 50 m (see table for colour code) not included in the delivery contents are available.

Mounting and starting up

To secure the device columns to the ground, see the enclosed instructions. The supports for the muting sensors and reflectors are secured on the groove located on the rear of the device columns. The muting sensors are to be connected to sockets X1 through X4. The display and acknowledgment unit is to be opened and, with the aid of its clamping plate, fastened e.g. to the hard guard as well as connected to socket X5 or X6. The cable from the machine interface to the cabinet, which is to be ordered separately, is to be connected to the Hirschmann plug of the muting transceiver.

Ordering information

Part No.	Article	Description
909968	CPSET-M24	Complete muting set
426042	CB-LDH-10000-12GF	Connecting cable 10 m, interface /R2
426044	CB-LDH-25000-12GF	Connecting cable 25 m, interface /R2
426043	CB-LDH-50000-12GF	Connecting cable 50 m, interface /R2
426046	AC-LDH-12GF	Connector for interface /R2
50105987	PRK46B/4D.2-S12	Retro-reflective photoelectric sensor
426363	AC-ABF-SL1	Display and control unit
520073	SLAB-SWC	PC software for COMPACTplus

CPSET-M24 is a complete muting system for access guarding areas through which material must be transported. In addition to the optical protective device, the CPSET-M24 includes two device columns in which the devices are premounted in such a way that they can be easily adjusted in height. Four retro-reflective photoelectric sensors with reflectors are premounted as muting sensors on 1m-long, adjustable MMS supports; an AC-ABF-SL1 display and acknowledgment unit with muting lamp and reset button as well as wiring accessories are included. The connecting cable to the cabinet must be ordered separately.

The start/restart interlock and sequential muting functions are preset. The customer is to connect the MSn muting sensors to socket Xn and the display and acknowledgment unit to socket X5 or X6 of the AC-SCM1-BT sensor connection box in the column.

Clearing an occupied muting path after power on or following errors is performed by pressing and releasing the reset button twice within a 4-second period.

Features

- Complete muting set, including device columns and accessories
- Safe relay output
- Sequential 4-sensor muting with PRK46B retro-reflective photoelectric sensors
- Start/restart interlock activated
- Diagnostics and extended configuration possible with SafetyLab PC software

Art. No. 607068

We reserve the right to make changes