



ROBUST RRT42.3-MCB-4.1



Supplement to the ROBUST 42, 43 and 44 Connecting and Operating Instructions (AOPD type 4)

In order to bring together all the safety-related signals for a muting control device, ideally using the safety interface modules MSI-m/R(T) and MSI-mx/RX(Tx), a version of the ROBUST has now been developed

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RRT42.3-MCB-4.1 with integrated signal lamp. The built-in M12 sockets in the profile of the multibeam safety light barrier make it an easy matter to connect the cable to the switch cabinet. Connections for muting sensors with sequential muting, 4-sensor muting as parallel muting, additional muting signal lamp and start/restart button.

Features

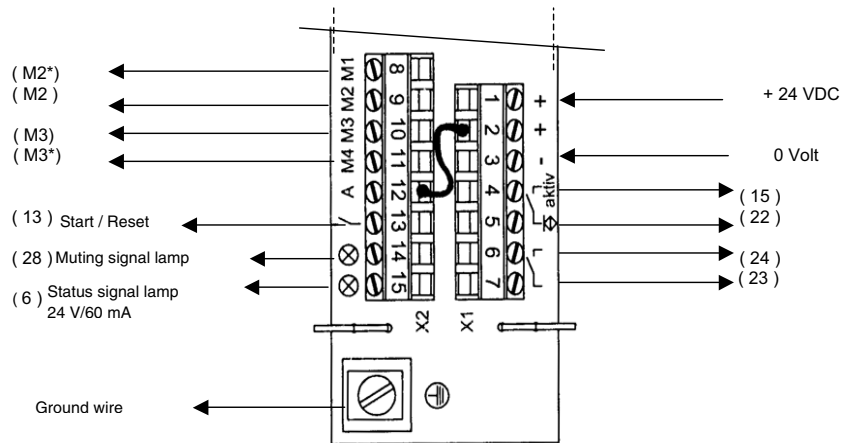
- M12 socket for muting signal lamp and on-the-spot start/restart button
- M12 sockets for muting sensors
- Only one cable required for connecting to the switch cabinet
- Large terminal compartment with pull-out terminal
- Compact profile with adjustable sliding blocks
- Parallel and sequential muting both possible
- Activation of the muting sensors by means of separate operating voltage is possible

Electrical Connection

The only permissible operating and switching voltage (e.g. for relay outputs) is 24 V DC. The cable connection to the switch cabinet must be laid in such a way that it is adequately protected against mechanical damage.

Connecting the RRT42.3-MCB-4.1

To connect the device, the connection terminal should be released at the retaining eyelets and drawn out of the profile to a sufficient extent to facilitate terminal connection. After connection is complete, the connection terminal should be pushed back into the profile and securely screwed in place (important chassis ground connection).



(....) Connections for MSI-m/R / MSI-mx/Rx

Note: instead of the bridge to connection point 2

Input 12 (power supply to the muting sensors) can be used to activate the muting process, e.g. by means of the drive of the transport belt. In this case, when activating +24V DC should be applied to input 12.

Dimensional Drawing

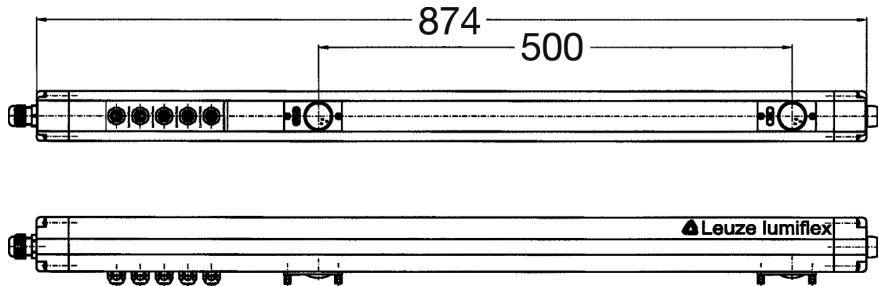


FIG.: ROBUST RRT42.3-MCB-4.1

Technical Data

Safety classification	Category 4
Operating voltage	24 V DC ± 15%
Residual ripple	< 10%
Power consumption (with RRT42)	(without external load) ca. 600 mA
VDE protection class	1
Protection level	IP 65
Weight	320 g + RRT42

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