



ROBUST RRT42-MCB2.1



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

ROBUST RRT42-MCB2.1

The built-in M12 sockets in the profile of the multi-beam safety light barrier make it an easy matter to connect the cable to the switch cabinet. Connections for muting sensors as parallel muting, additional muting signal lamp and start/restart button



More technical data see connecting and operating instructions ROBUST 42, 43, 44 (AOPD category 4).

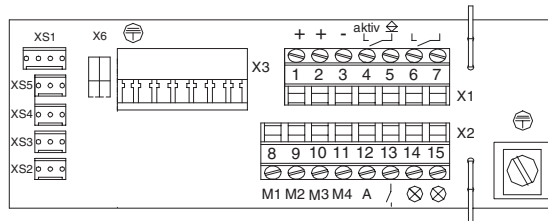
Features

- Connection socket for muting signal lamp and on-the-spot start/restart button
- Connection socket 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 muting
- 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.



Connection assignment:

	Pin	Function	Comment	XS Assignment
X1	1	+ 24 V	Supply voltage	XS1 Pin4
	2	+ 24 V	bridged with pin 1 supply voltage	-
	3	0 V		XS1,2,3 Pin3
	4	K1.1		
	5	K1.2		
	6	K2.1		
	7	K2.1		
X2	8	M1	Muting sensor output	XS2 Pin4
	9	M2	Muting sensor output	XS3, Pin4
	10	M3	Muting sensor output	
	11	M4	Muting sensor output	
	12	+ 24 V	Supply voltage of muting sensor	XS2 Pin1
	13	Start-Key		XS1 Pin2
	14	Muting lamp		
	15	Muting lamp		XS1 Pin1

Connections that are to be connected in muting operation with a jumper are identified with .

Dimensional Drawings

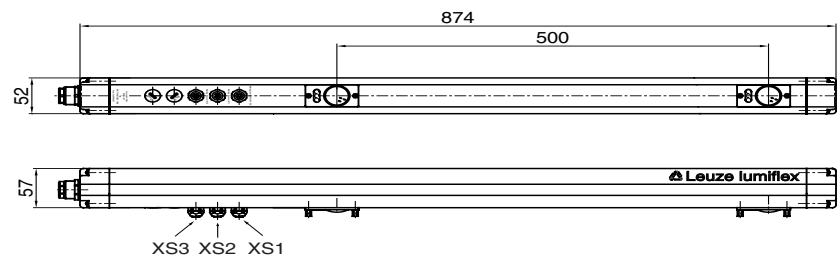


Fig.: ROBUST RRT42-MCB2.1/R2

Technical Data

Safety classification	Type 4 according to EN 61496
Operating voltage	24 V DC +/- 15%
Residual ripple	< 10%
Power consumption (with RRT42)	(ohne Last) ca. 500 mA
VDE protection class	1
Protection level	IP 65
Weight	320 g + RRT42
Housing	Aluminium extruded profile
Colour	RAL 1021, no lead or cadmium content

Ordering information

Order. No	Type	Designation
909696	RRT42-MCB2.1	Multiple Light Beam Safety Device, Transceiver