



RED111X



**IP20**

## Line coupler light/door release contact RMD 2-wire grey/light grey

### Technical characteristics

#### Functions

Function	extending
System functions	coupling of single lines

#### Compatibility

Compatibility	for information on indoor stations and cameras that can be used, see notes in the operating instructions
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#### Connectivity

Video signal amplification	20 dB
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Audio lines	3 simultaneous voice channels in backbone ; 1 voice channel in line ; simultaneous calls in multiple lines, if not occupied
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#### Voltage

Switching voltage door release contact	max. 24 V
Switching voltage light contact	max. 24 V

#### Electric current

Current consumption (operation)	≈ 90 mA
Current consumption (idle)	≈ 60 mA
Switching current door release contact	max. 1 A
Switching current light contact	max. 1 A

#### Dimensions

Width of rail mounted device (RMD)	6 modules
Backbone cable length	< 300 m

#### Power

Power consumption (operation)	≈ 3 W
Power consumption (standby)	≈ 2 W

#### Power supply

Operating voltage via power supply	28 V DC
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#### Materials

Colour independent of design lines	light grey
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#### LED control

LED	with power/overload, data traffic and backbone status LEDs
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#### Installation, mounting

Mounting type	din-Rail
Installation mode	Rail mounted unit (RMD)
<b>Connection</b>	
Bus connection	2-wire, for video door stations ; 2-wire, for video indoor stations ; i2BUS audio, for audio components
Door stations per system	max. 150
Intercoms per system	max. 256
Line coupler per system	max. 64
Connection	for backbone cascading (2x RJ45) ; Power supply via video power supply unit ; infeed output for bus components ; potential-free door release and light switching contact ; with connection for floating output
<b>Cable</b>	
Conductor Ø	0.5...0.8 mm
Cable length to door station	max. 100 m
Cable length to intercom	max. 150 m
<b>Settings</b>	
Delay time, adjustable	1 s...5 mn
Device addressing	rotary coding switch (one-man commissioning)
<b>Scope of delivery</b>	
Component	integrated switching relay for door release and light (stair light time switch) ; Integrated video signal amplifier for door station line
<b>Equipment</b>	
Door release unlocking time	1...10 s
<b>Use</b>	
System technology	2-wire
<b>Software</b>	
Software version	V1112
<b>Safety</b>	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Protection	door release protected against manipulation installable
<b>Use conditions</b>	
Operating temperature	5...40 °C
Storage/transport temperature	-20...60 °C
Relative humidity (without condensation)	0...65 %
<b>Identification</b>	
Main design line	T electronics