



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
---------------	--

Connectivity

Video signal amplification	20 dB
----------------------------	-------

Audio lines	3 simultaneous voice channels in backbone ; 1 voice channel in line ; simultaneous calls in multiple lines, if not occupied
-------------	---

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
------------------------------------	---------

Materials

Colour independent of design lines	light grey
------------------------------------	------------

LED control

LED	with power/overload, data traffic and backbone status LEDs
-----	--

Installation, mounting

Mounting type	din-Rail
Installation mode	Rail mounted unit (RMD)
Connection	
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
Cable	
Conductor Ø	0.5...0.8 mm
Cable length to door station	max. 100 m
Cable length to intercom	max. 150 m
Settings	
Delay time, adjustable	1 s...5 mn
Device addressing	rotary coding switch (one-man commissioning)
Scope of delivery	
Component	integrated switching relay for door release and light (stair light time switch) ; Integrated video signal amplifier for door station line
Equipment	
Door release unlocking time	1...10 s
Use	
System technology	2-wire
Software	
Software version	V1112
Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Protection	door release protected against manipulation installable
Use conditions	
Operating temperature	5...40 °C
Storage/transport temperature	-20...60 °C
Relative humidity (without condensation)	0...65 %
Identification	
Main design line	T electronics