



FAN code  
WMR3-21: 8595188132756

Technical parameters		WMR3-21
Inputs		
Number of control buttons:		2
RFID readers		
Supported frequencies:		13.56 MHz
Card Type:		MIFARE Ultralight, DESFire 2K (EV1), DESFire 4K (EV1)
Outputs		
Output:		1x changeover 8A / AgSnO <sub>2</sub>
Indication:		two-color LED (red, green)
Acoustic output:		piezo-changer
Switching voltage:		230V AC/ 30V DC
Switching output:		2000 VA/AC1; 240 W/DC
Peak current:		20 A/<3s
Insulation voltage between relay outputs and internal circuits:		3.75 kV, SELV according to EN 60950
Minimal switched current:		10 mA / 10 V
Switching frequency without load:		300 min <sup>-1</sup>
Switching frequency with rated load:		15 min <sup>-1</sup>
Mechanical life:		1x 10 <sup>7</sup>
Electrical life AC1:		1x 10 <sup>5</sup>
Communication		
Installation BUS:		BUS
Power supply		
Supply voltage / tolerance:		27 V DC, -20 / +10 %
Dissipated power:		0.5 W
Rated current:		50 mA (at 27V DC), from BUS
Connection		
Data:		terminals, 0.5 - 1 mm <sup>2</sup>
Network:		max. 2.5 mm <sup>2</sup> /1.5 mm <sup>2</sup> with sleeve
Operating conditions		
Operating temperature:		-20 to +55 °C
Storing temperature:		-30 to +70 °C
Protection degree:		IP20
Overvoltage category:		II.
Pollution degree:		2
Operation position:		any
Installation:		into installation box
Dimensions and weight		
Dimensions		
- plastic:		85.6 x 85.6 x 42 mm
- metal, glass, wood, granite:		94 x 94 x 36 mm
Weight:		68 g (without frame)

- WMR3-21 is a wall-mounted card reader that is designed for read contactless media (smart cards, key chains, etc.), which are used for controlling access to buildings or their parts.
- With the glass controller WMR3-21 users will appreciate the easy of control using two push buttons, which can be assigned different control functions lighting, shading, scenes, heating, etc.
- WMR3-21 reader can be used to control the security system (locking / unlocking) access system (opening doors, gates, etc.) or appliances (based on assigned rights).
- WMR3-21 supports RFID media with the carrier frequency of 13.56 MHz. Supported card types MIFARE Ultralight, DESFire 2K (EV1), DESFire 4K (EV1) .
- WMR3-21 is also equipped with 8A relay output with changeover contact AgSnO<sub>2</sub>, by which controlled devices can be switched directly (or any actuator in the system can be set in software iDM3).
- Indication two-color LED in the controller cover can indicate not only the status of controlled appliance, but also the status of any sensor or actuator in the system.
- Wall card reader WMR3-21 is compatible with both types of frames LOGUS<sup>90</sup> (85.6 x 85.6 or 94 x 94 mm), therefore you can combine them with double and triple frames and classic products of the series.

Connection

