

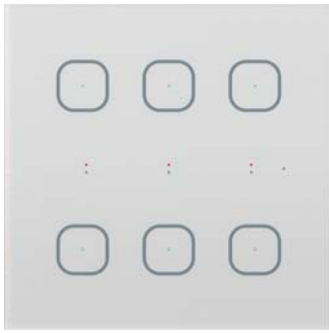

EAN code
GMR3-61/B: 8595188155854
GMR3-61/W: 8595188155793

Technical parameters	GMR3-61
Inputs	
Temperature measuring:	YES, built-in temperature sensor
Scope and accuracy of temp. measuring:	0 to +55°C ; 0.3°C from the range
Number of control buttons:	6
RFID readers	
Supported frequencies:	13.56 MHz
Card Type:	MIFARE Ultralight, DESFire 2K, Plus S 4K
Outputs	
Indication:	3 pairs of LED (red, green)
Output:	1x changeover 8A / $AgSnO_2$
Acustic 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^{-1}
Switching frequency with rated load:	15 min^{-1}
Mechanical life:	1x 10^7
Electrical life AC1:	1x 10^5
Communication	
Installation BUS:	BUS
Power supply	
Supply voltage / tolerance:	27 V DC, -20 / +10 %
Rated current:	50 mA (at 27V DC), from BUS
Connection	
Data:	terminals, 0.5 - 1 mm^2
Network:	max. 2.5 mm^2/1.5 mm^2 with sleeve
Operating conditions	
Relative humidity:	max. 80 %
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:	94 x 94 x 36 mm
Weight:	155 g

- Wall RFID card reader GMR3-61 is designed for reading of contactless media (chip cards, key fobs, tags, etc.), which are used for controlling access to buildings or parts of buildings.
- With the glass controller GMR3-61 users will appreciate the elegant design and the easy of control using six touch buttons, which can be assigned different control functions lighting, shading, scenes, heating, etc.
- GMR3-61 a design element of the (control) system iNELS and is available in black (GMR3-61/B) and white (GMR3-61/W) variants.
- GMR3-61 reader can be used to control the security system (locking / unlocking) access system (opening doors, gates, etc.) or appliances (based on assigned rights).
- GMR3-61 supports RFID media with the carrier frequency of 13.56 MHz. Supported card types MIFARE Ultralight, DESFire 2K, Plus S 4K .
- The GMR3-61 is also equipped with 8A relay output with changeover contact $AgSnO_2$, which can be switched directly by reader (or by any controller in the system).
- Between each pair of touch keys is a pair of indicator LEDs (Green, Red) to indicate the status of the controlled appliance, or the state of any sensor or actuator in the system.
- Located on each touch button is a blue LED indicator, signalling the touch of a button. Touching may also be signalled by a vibrating pulse or audible tone - optionally in the software iDM3.
- All variants of GMR3-61 are available in sizes of luxury controllers LOGUS^{90} (94 x 94 mm).
- GMR3-61 reader is equipped with a sensor of ambient light intensity. Based on information from the sensor can switch the orientation of blue LEDs on the touch-pad GSB3 or perform various actions with the software iDM3, eg. To control the lighting circuits in the corridor and others.
- GMR3-61 cannot be installed into multiple frames they are designed for mounting into installation boxes.

Connection

