

GR7.7380

Multifunctional Access Control Reader

FACTS AT A GLANCE

- Multi-technology reader for all popular RFID technologies
- Multi-tag handling for easy detection of identification cards
- Identification via smartphone possible
- Connection via structured building cabling
- “Plug&Play PLUS” function for simplified commissioning
- Clear signaling via LED bar, acoustic signal, and illuminated scan field
- Seamless integration with popular switch programs
- Also available as a modern “floating” glass variant in black or white



The discreet and elegant GR7.7380 access control reader impresses with its multifunctionality, simple installation, the “Plug&Play PLUS” function, and unique design. The readers are used to identify people via contactless RFID data carriers and connect to an access controller through structured building cabling.

The multi-technology readers read and write the most widely used RFID technologies (LEGIC and MIFARE) and can read the unique numbers of many other identification technologies and RFID standards, e.g., ISO 14443 A and B, ISO 15693, NFC, and HID iClass. Thanks to its multi-tag handling capability, the GR7.7380 automatically detects the correct ID, e.g., when multiple cards are carried in the wallet. The evaluation and approval of access authorizations is managed by the connected controller, which is installed in a secure area.

The reader integrates seamlessly with all prevalent switch program brands, or is optionally available as a modern design variant made of glass. The glass cover can be ordered in black (GR7.7380 Glass Cover black, Part No. 782227) and white (GR7.7380 Glass Cover white, Part No. 782328). Installation into existing switch programs is very simple and trouble-free with the reader blending discreetly into its surrounding.

GR7.7380 with Glass Front



The glass design variant is breathtaking for technicians and architects alike. The modern glass reader sits 4 mm away from the wall, seemingly suspended, which creates a high-quality optical effect as well as equalizing wall-surface irregularities.

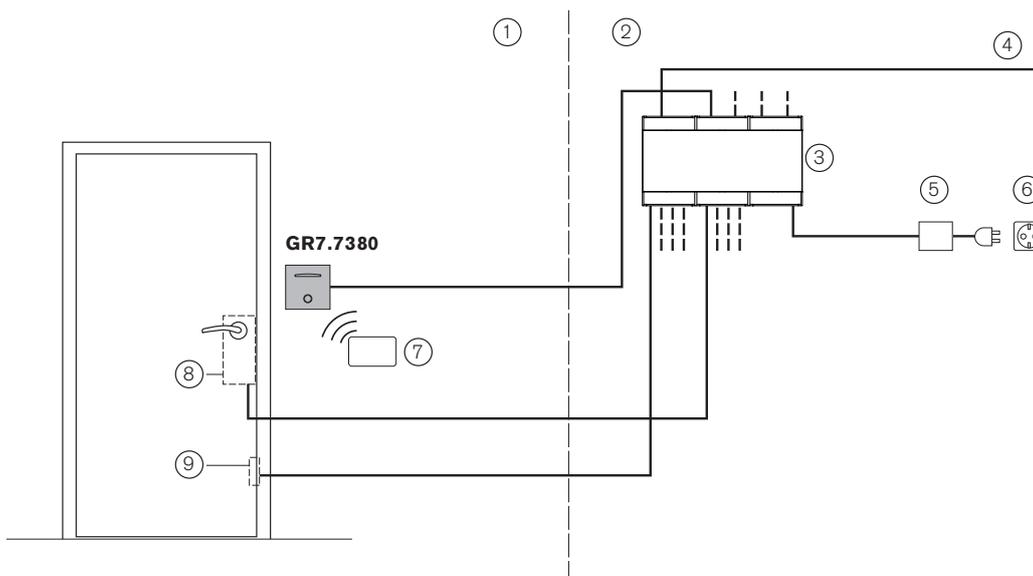
Unsightly screws are hidden while the integrated alarm reliably protects against tampering. The user is provided with an intuitive and clear interface thanks to the tricolored, back-lit reading center and clearly-graded LED bar display.

The "Plug&Play PLUS" function is particularly appealing for technicians as installation and commissioning have never been so simple - not least because the readers are connected via conventional, structured building cabling. This means an enormous cost reduction - and indeed even before the system is actually in use.

GR7.7380 with Switch Program



Typical Application



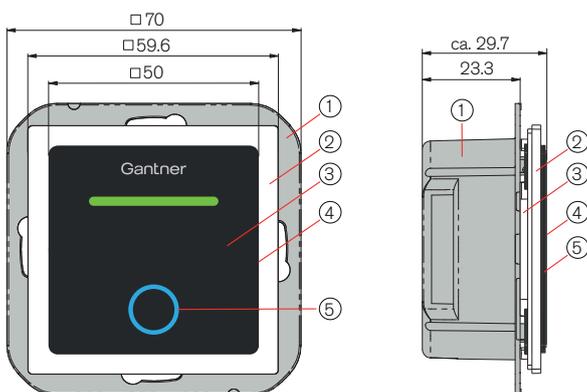
- 1 ...Unsecured area
- 2 ...Secured area
- 3 ...Access controller
- 4 ...Network
- 5 ...Power supply unit
- 6 ...Mains power supply
- 7 ...RFID data carrier
- 8 ...Electronic lock
- 9 ...Door contact

Technical Data

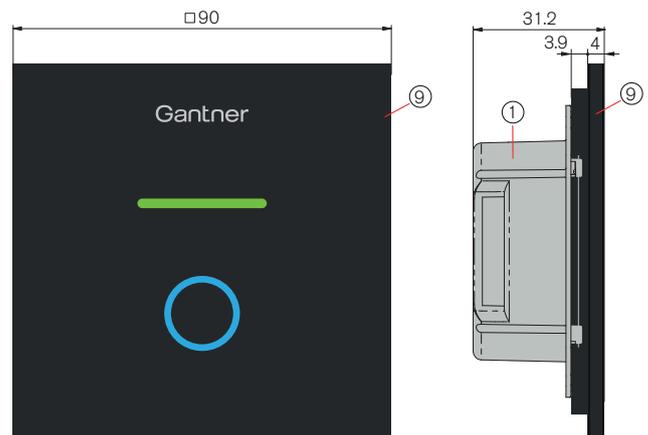
Nominal voltage:	DC 12 - 24 V (LPS/SELV)
Current consumption:	200 mA
Reader type:	Multi-technology RFID reader
Reading field frequency:	13.56 MHz
Data carriers	
- Read/write:	LEGIC prime / LEGIC advant / MIFARE
- Only unique number:	HID iClass / ISO 14443B / ISO 15693
Display and signalling	
- Reader:	Backlit scan field in 3 colours
- Bar display:	4 x LED segments in 3 colours
- Acoustic signal:	Beeper
Output	
- Quantity:	1
- Function:	NO, function/timing configurable
Input	
- Quantity:	1
- Function:	Function configurable
Interface to controller:	RS-485
Permitted ambient temperature:	-20 to +50 °C
Protection type	
- when not installed:	IP 20
- when installed:	IP 40
Environment class (VdS 2110):	II (indoor conditions, e.g., staircase)
Compliance:	CE

Device Features and Dimensions

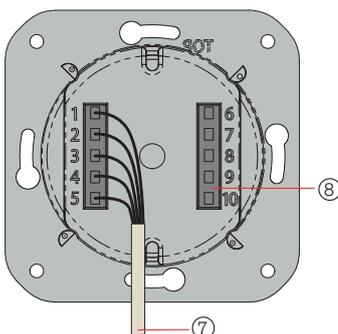
Installation with Switch Program



Installation with Glass Front



Rear View



- 1Built-in housing
- 2Intermediate frame (for Feller Edizio switch program)
- 3Front plate
- 4Transparent front cover
- 5Front label with LED bar and reading field
- 7Controller connection cable
- 8Screw terminals for relay output and optocoupler input
- 9Glass cover with plastic mounting support

Measurements in mm