GAT Vendor 7000
Vendor for GAT Chip Band 65

Application

The GAT Vendor 7000 is a compact automatic vending machine for dispensing RFID wristbands in leisure facilities such as swimming pools, spas, and arcades.

The dispensed wristbands are used by guests for identification in the leisure facility and provide maximum ease-of-use through contactless identification at entry control components, e.g., turnstiles, and with electronic locker systems.

Integration of the GAT Vendor 7000 into the control system of the facility is via Ethernet. The robust housing is optically neutral and integrates seamlessly into the surrounding architecture and facility design themes.

Functional description

The GAT Vendor 7000 is connected to a higher-ranking host system via an integrated Ethernet adapter.

The sale and payment of wristbands to guests is completed, for example, at an automatic payment machine or at the reception desk. After a successful purchase, the wristband is released by the GAT Vendor 7000 and can be taken from the dispenser tray.

The practical design of the modular dispensing unit provides fast and easy access to refill the GAT Vendor 7000 with tested and approved wristbands. The GAT Vendor 7000 can hold up to 282 GAT Chip Band 65 wristbands.

Highlights

- Automated dispensing of RFID wristbands
- Up to 6 dispensing units in each GAT Vendor 7000
- Easily accessible wristband dispensing mechanics
- Comfortable wristband refilling operation performed from front side
- Removable wristband dispensing units
- Ethernet connection
- Front door can be customized with an individual logo or design

Order information

Description	Part No.
GAT Vendor 7000 F	806834

Vending machine for the automatic dispensing of GAT Chip Band 65 wristbands. Integrated and contactless MIFARE® reader, 6 dispenser units, Ethernet interface.
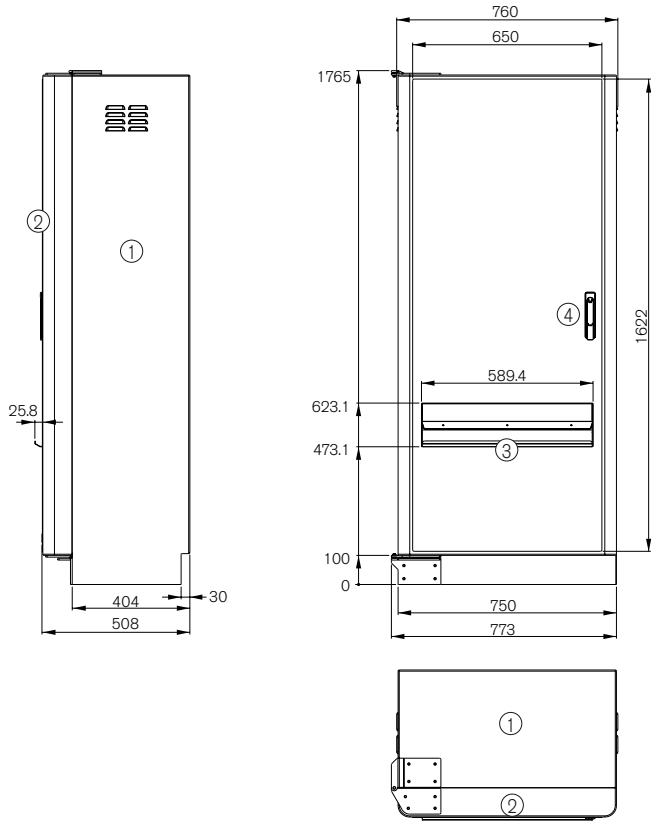
Accessories

Description	Part No.
GAT Vendor 7000 F Dispenser Unit	806935

Dispenser unit for the GAT Vendor 7000 F consisting of a removable dispensing part (which holds the wristbands) and the base unit (which is installed in the GAT Vendor 7000).

Description	Part No.
GAT Vendor 7000 F Magazine	904833

Changing magazine for the GAT Vendor 7000 F, without motor unit, capable of holding 47 GAT Chip Band 65.

Technical data

Nominal supply voltage U_{AC}:	230 V	Interface:	Ethernet 10/100 Mbit/s
Nominal frequency of supply:	50 Hz	Mounting type:	Placement on level surface
Data carriers:	GANTNER wristbands (GAT Chip Band 65)	Housing material:	Metal cabinet RAL 7016 (dark gray) with blank metal door
RFID system:	MIFARE®	Dimensions:	773 x 508 x 1765 mm
RFID frequency:	13.56 MHz		(30.4 x 20 x 69.5 inch)
Capacity:	282 wristbands (47 per dispensing unit)	Environment class based on VdS 2110:	II (conditions in indoor areas)
Cycle duration:	Approx. 2 seconds (reading and release)		

Dimensions

1. GAT Vendor 7000 housing
2. Front door
3. Dispenser tray
4. Mechanical lock

Typical application

Dispensing of wristbands

Mains power supply

Network (TCP/IP)

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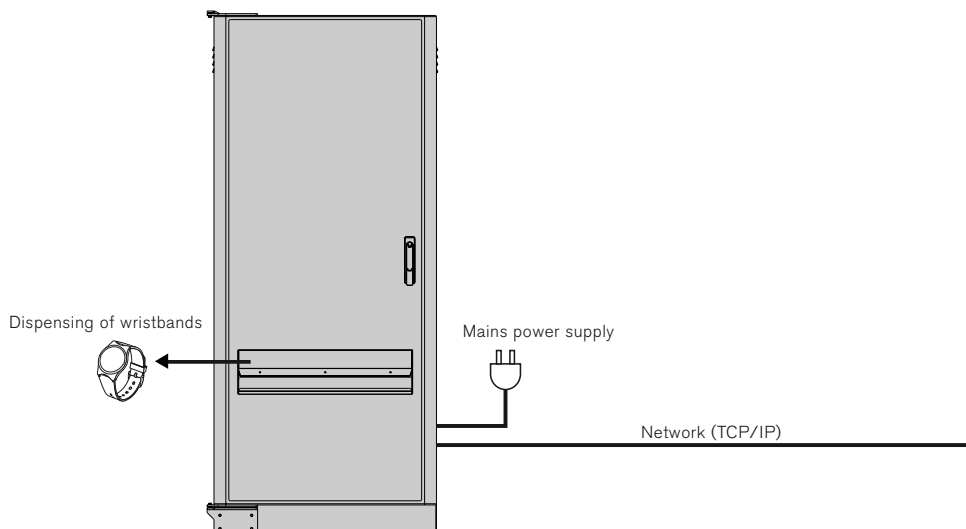
Mounting and installation instructions

The GAT Vendor 7000 must be mounted on an even and level surface. There are 4 mounting holes in the base of the housing that are used to secure the GAT Vendor 7000 to the ground. Open the front door of the GAT Vendor 7000 to access the mounting holes.
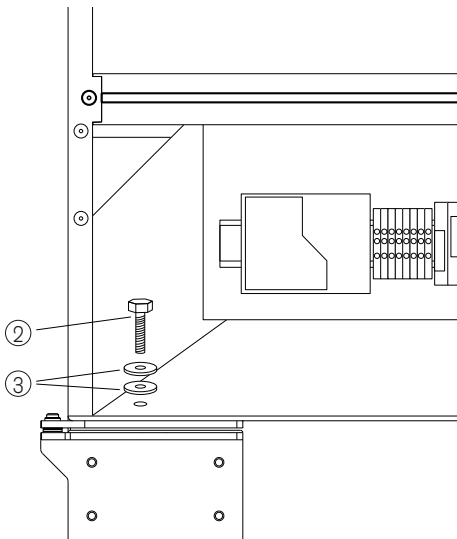
NOTE: If you are installing the GAT Vendor 7000 in a niche in the wall, the inner width of the niche must be min. 915 mm. This minimum width is required so that the door can be fully opened.
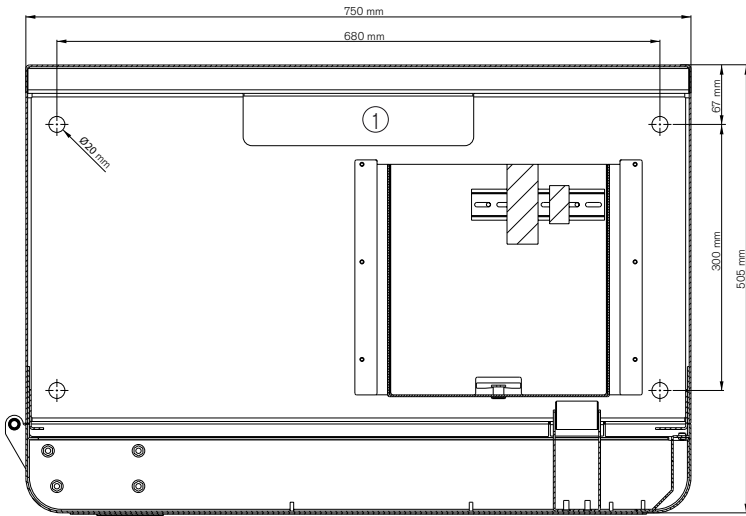

1. Opening for cable inlet

The correct type of mounting hardware must be used according to the type of ground material.

Example:
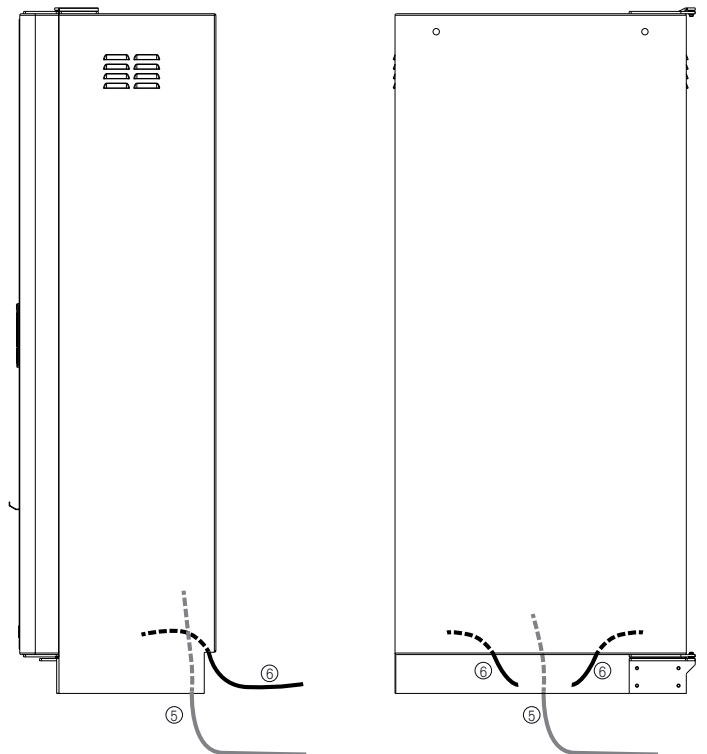

2. Mounting Screw
3. Washer(s)

Additional mounting holes are provided at the rear of the GAT Vendor 7000. The 2 holes at the top of the housing are used to secure the GAT Vendor 7000 to a wall. The wristband dispenser units must be removed first to allow access to these mounting holes.
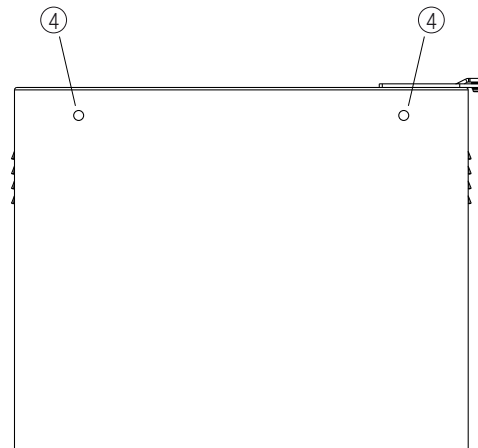
4. Mounting holes for back wall fixation

Cable Inlet

The connection cables (Ethernet and power supply - see next page) are fed into the housing on the lower rear side of the housing or from the ground.
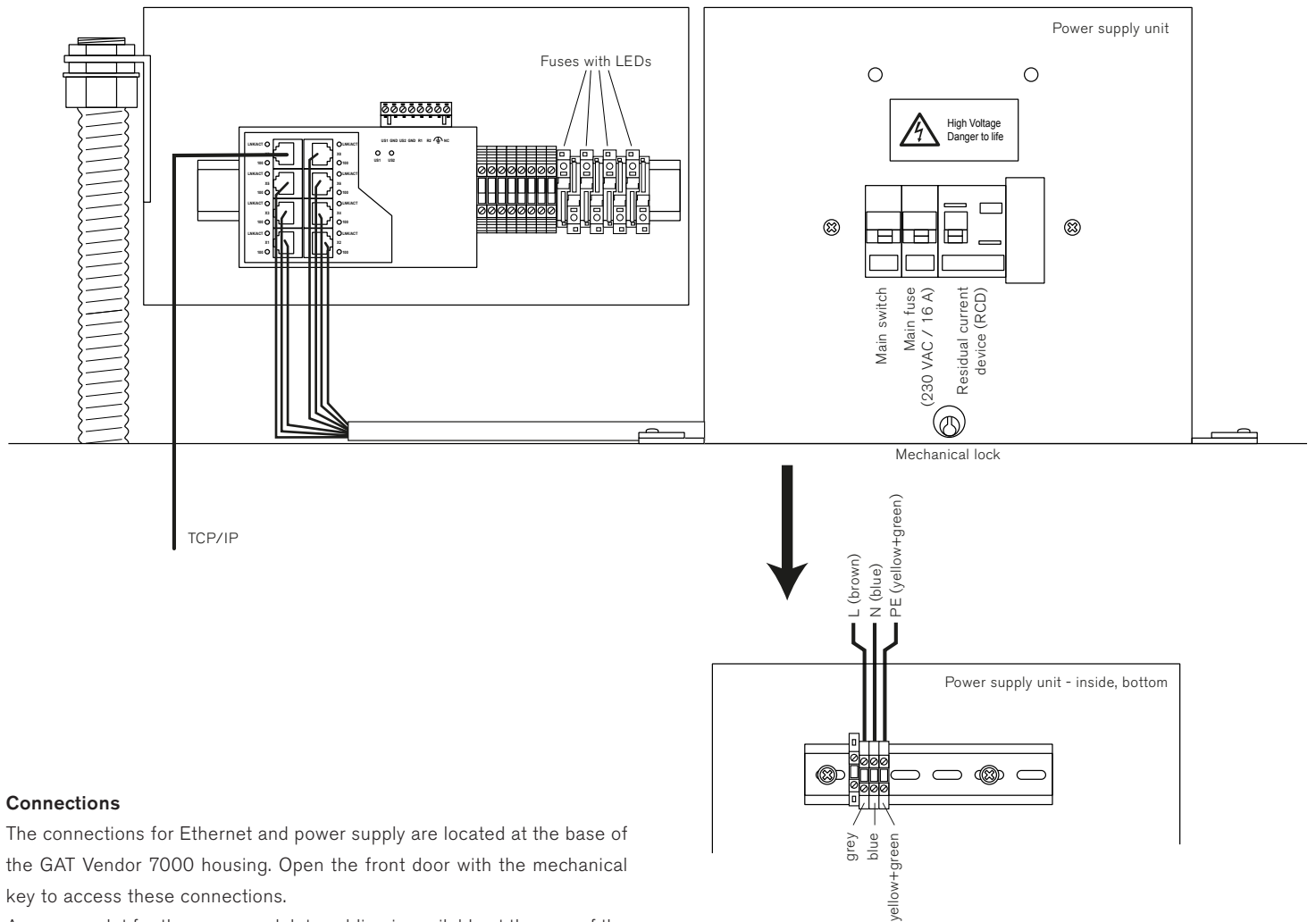

5. Cable inlet ground
6. Cable inlet back side

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Valid as of November 28th 2018 • Technical data subject to modifications without noitce!
DB_GAT-VENDOR7000--EN_11.indd • Part No.: 820527   3

Electrical connections

Power supply and network (Ethernet)

GAT Vendor 7000 - Base

Fuses with LEDs

Power supply unit

⚡ High Voltage Danger to life

Main switch
Main fuse (230 VAC / 16 A)
Residual current device (RCD)

Mechanical lock

TCP/IP

L (brown)
N (blue)
PE (yellow+green)

Power supply unit - inside, bottom

grey
blue
yellow+green

Connections

The connections for Ethernet and power supply are located at the base of the GAT Vendor 7000 housing. Open the front door with the mechanical key to access these connections.

An access slot for the power and data cabling is available at the rear of the GAT Vendor 7000 housing (see also page 3).

Network

An RJ 45 socket is provided for the Ethernet connection. Use any available socket at the network switch.

Recommended cables

Ethernet: min. CAT 5 (STP) for 100 MBit
Power supply: 3-wire cable, connection to the GAT Vendor 7000 via screw terminals.

Protective elements and main switch

The following fuse protections and switches are located at the bottom of the GAT Vendor 7000 (see figure above):

- Residual current device (RCD)
- Main fuse (230 VAC, 16 A)
- Main switch: Turns the entire GAT Vendor 7000 on or off.
- Fuses with LEDs (8x): All 8 LEDs should remain switched off when the GAT Vendor 7000 is supplied with power. If an LED lights up this indicates the corresponding fuse is broken. Turn the power off (main switch) and replace the broken fuse with one of the replacement fuses supplied with the GAT Vendor 7000.

Power supply

AC supply (see technical data). Connect the wires of the mains power cable to the screw terminals inside the power supply unit housing.

⚠ Always ensure that the mains power is switched off before opening the power supply unit housing!

To open the housing, unlock the mechanical lock with the corresponding mechanical key (note that this key is different to the key used to open the front door of the GAT Vendor 7000) and pull the housing forward. The screw terminals for the power supply connections are located at the bottom and inside of the power supply unit housing.

Always connect the ground PE terminal first.

Safety instructions

⚠
- This device must be installed by qualified personnel only.
- The applicable safety and accident prevention regulations must be observed.
- Safety devices must not be removed.
- Please observe the technical data of the device specified on the data sheet.

⚡
- The device must be disconnected from the power supply prior to installation, assembly or dismantling.

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