

ACS-GT NET.LOCK

Electronic RFID Locker Lock

The ACS GT NET.Lock lock is the ideal solution for the convenient electronic locking of lockers in leisure facilities, universities, company offices, and depot compartments. The identification of users at the ACS-GT NET.Lock is carried out using contactless RFID data carriers and NFC technology. The locking or usage status of the locker is signaled by an LED indicator.

The various operating modes enable the flexible use of these locker locks. The administration of authorizations is completed via locker management software, which allows users to be effortlessly added or removed in the system. The ACS GT NET.Lock is suitable for all locker materials (wood, HPL, solid plastic, glass, and also sheet metal) and can be used with both left and right-hinged locker doors.



PROPERTIES

- : Operation via RFID data carrier or NFC device
- : All popular RFID technologies (13.56 MHz and 125 kHz)
- : Different operating modes
- : Two controller types for up to 12 or 24 locks per controller
- : Reliable data transmission between lock and data carrier
- : Standalone mode supported
- : Automatic calibration of the RFID field
- : LED status indicator (multicolor) and acoustic signaling
- : Motorized locking/unlocking for optimum reliability
- : No mechanical, internal switches
- : Suitable for left and right-hinged doors and all types of locker material
- : Vandal-proof installation
- : Different bolt sets available with integrated RFID booster
- : Custom labels for the locker door possible

TECHNICAL SPECIFICATIONS

Power supply: Via connection cable from sub controller

Nominal voltage: - GAT NET.Lock 7020 (P): 5 V DC
- GAT NET.Lock 7020 USB (P): 24 V DC

Max. transmission power: <400 mW

Average power consumption: - GAT NET.Lock 7020 (P): 60 mW
- GAT NET.Lock 7020 USB (P): 65 mW

Charging current (GAT NET.Lock 7020 USB (P)): Up to 2 A per lock and max. 70 W per controller*

Reader types: - GAT NET.Lock 7020 (USB): 13.56 MHz
- GAT NET.Lock 7020 (USB) P: 13.56 MHz +125 kHz

Locks per sub controller: 24 (GAT NET.Controller S 7020)
12 (GAT NET.Controller S 7020 Light)

Retaining force: Min. 1500 N (337.2 lb)

User guidance: Multicolor status LED

Housing material: Plastic (PC)

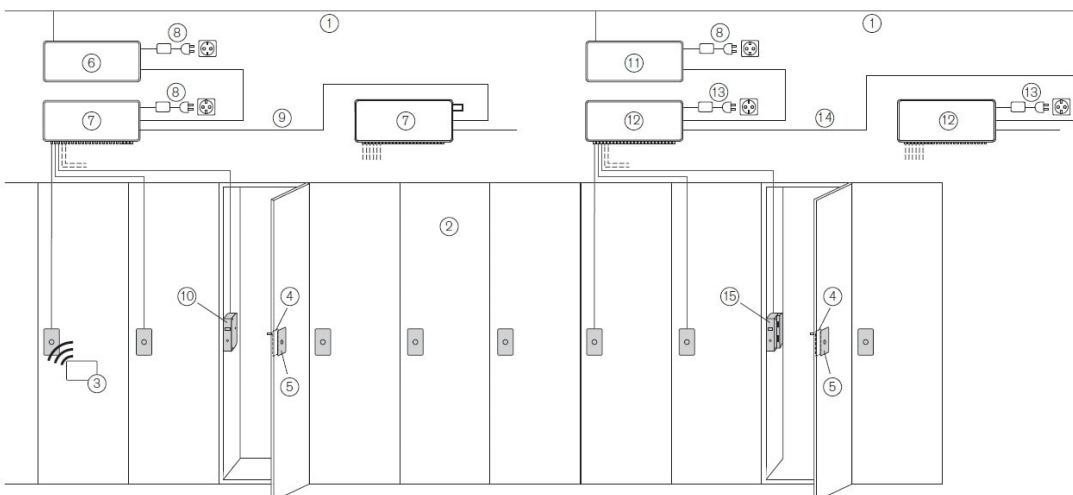
Door width: Min. 230 mm (9.05 in)

Permitted ambient temperature: 0 °C to 60 °C (32 °F to 140 °F)

Protection type: IP 52

Weight: Approx. 160 g (5.6 oz)

*When multiple devices are being simultaneously charged at multiple locks of a sub controller, the charging current of the sub controller is automatically distributed between these locks.



- 1 ...LAN network
- 2 ...Lockers
- 3 ...RFID data carrier
- 4 ...Bolt set (GAT NET.Lock BoltSet 7xxx)
- 5 ...Front label

Different variants of GAT NET.Lock locks and controllers can operate in combination:

- 6 ...Main controller 7020 or 7000
- 7 ...Sub controller 7020 or 7000
- 8 ...GAT NET.Power Supply 7020 (without "USB") or 7000
- 9 ...RS-485 + power
- 10 ...GAT NET.Lock 7020 / 7020 P or GAT NET.Lock 7000

To use the USB and LED function, the GAT NET.Lock 7020 USB (P) and the following combination of controllers and power supplies must be used:

- 11 ...Main controller 7020 or 7000
- 12 ...Sub controller 7020
- 13 ...GAT NET.Power Supply 7020 USB
- 14 ...RS-485 (without direct power, each sub controller needs its own "USB" type power supply)
- 15 ...GAT NET.Lock 7020 USB or 7020 USB P



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Updated 7/2023 | ACS Solution s.r.o. Specifications are subject to change without prior notice.
Note: The colors of the images in this brochure may vary from the actual colors.