

GAT Relaisbox 220

Switching module for controlling devices such as tanning beds or whirlpools

FACTS AT A GLANCE

- Control of devices with operating voltages of AC 400 V
- 2 separate relays
- Indication of relay status
- Suitable for GT7 terminals
- Waterproof and dustproof case
- Manual operation possible

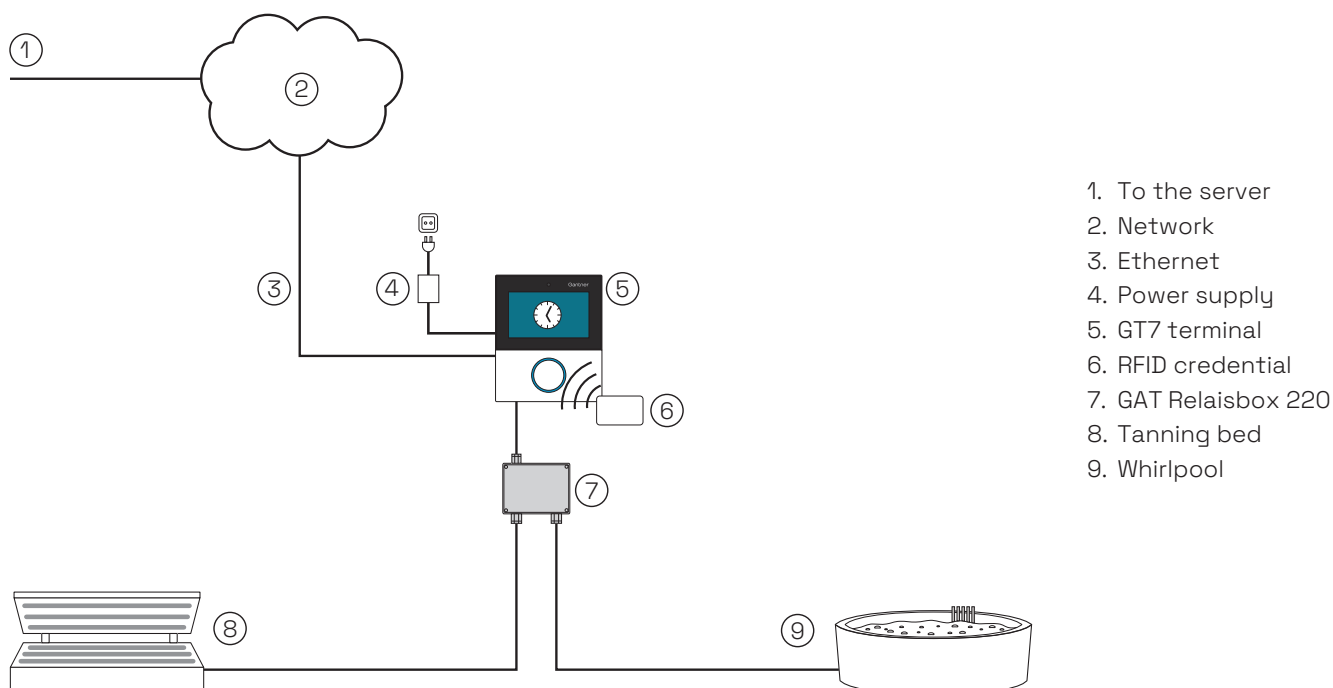


The GAT Relaisbox 220 is designed for flexible use in leisure facilities such as spas, gyms, or tanning salons. Its two switching relays are used to switch devices with higher operating voltages (up to AC 400 V) than the relays of the GT7 terminals can directly handle. This allows the GAT Relaisbox 220, for example, to control tanning beds via a GT7 terminal using the G7 Time App.

After a user is identified at the GT7 terminal and the desired function is selected, the defined relay output of the GT7 terminal is activated, thereby energizing the corresponding relay of the GAT Relaisbox 220. This relay, in turn, activates the solarium for the selected time.



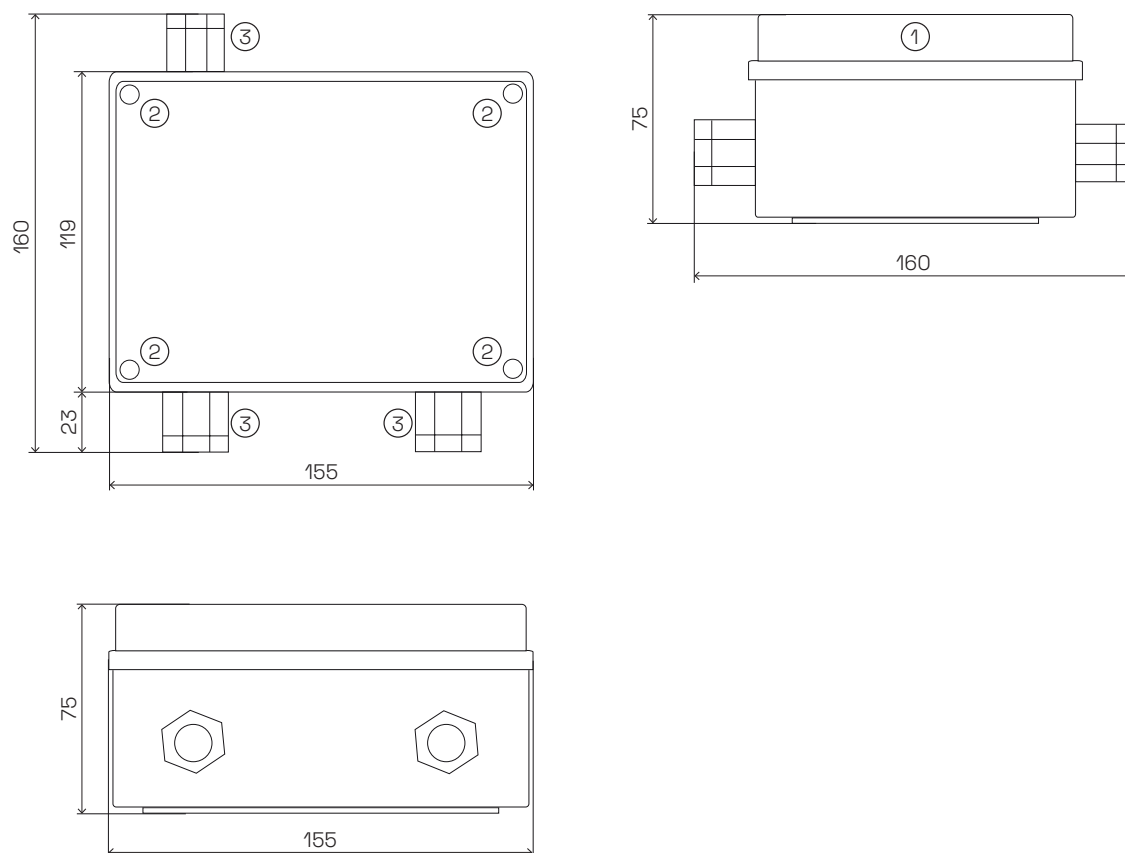
Typical application



Technical data

Nominal voltage of relay coils:	DC 24 V
Permitted input voltage:	DC 20.4 to 26.4 V
Aver. power consumption:	2 x 4 W
Free-wheeling diode:	integrated
Number of relays:	2
Contacts:	4 x NO per relay
Alternating current (AC1 ohmic load)	
- Rated operational current:	22 A (up to AC 400 V)
- Rated line:	7.5 kW (AC 13 to 400 V)
(AC2 and AC3)	
- Rated operational current:	9 A (at AC 400 V)
- Rated line:	4000 W (at AC 400 V - 50/60 Hz)
Direct current (DC1 ohmic load)	
- Rated current:	20 A (up to DC 24 V) 20 A (up to DC 110 V) 20 A (up to DC 220/240 V)
Connection cross-section	
- Multi-wire with ferrules:	2 x (0.75 2.5 mm ²)
- Single-wire:	2 x (1 2.5 mm ²)
Tightening torque:	1.2 Nm
Housing material:	Macrolon, impact-resistant
Protection type:	IP 65
Protection class:	III
Environment class (VdS 2110):	II (indoor conditions)

Features and dimensions



1. Cover of the GAT Relaisbox 220
2. Screw holes for securing the cover
3. Cable glands for control cables to the devices and to the control unit (e.g. GT7)

Measurements in mm

Order information

Description	Part No.
GAT Relaisbox 220	823884
DC 24 V switching relay for controlling devices with operating voltage of AC 400 V, switching capacity up to 22 A with mechanical switching indicator and manual operation	