TMEB116 BluetoothTimer

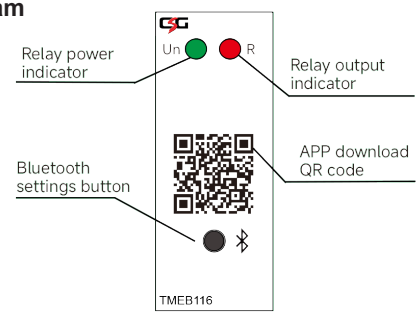
Features

- Bluetooth Time Control Relay
- Mobile App Control
- Astronomical Timer Setting
- Manual Override
- Daylight Savings Feature
- AC/DC 24V-240V working voltage
- LED Indicator for Relay Status
- 1 Pole, DIN Rail Mounted
- 1 x Normally Open, 1 x Normally Closed Contact

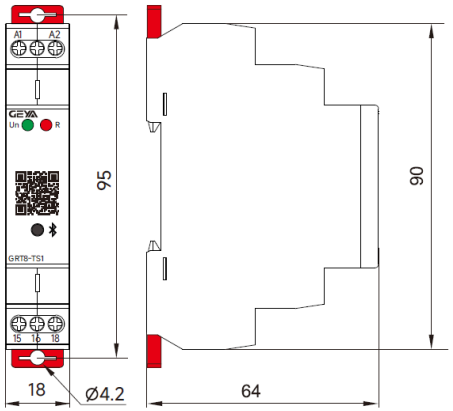
Specifications

- Function: Bluetooth Time Control Relay
- Supply Terminals: A1 - A2
- Voltage Range: AC/DC 24-240V 50Hz
- Supply Indication: Green LED
- Number of Timers: 8-ON/8-OFF
- Time Setting: App (Bluetooth Connectivity)
- Time Deviation: ±2s/day
- Output: 1 x SPDT
- Current Rating: 1 x 16A (AC1)
- Min Breaking Capacity DC: 500mW
- Output Indication: Red LED
- Mechanical Life: 1 x 10^7
- Electrical Life (AC1): 1 x 10^5
- Operating Temperature: -20°C to +55°C
- Storage Temperature: -35°C to +75°C
- Mounting: DIN Rail EN/IEC 60715
- Protection Degree: IP20
- Operating Position: Any
- Overvoltage Category: III.
- Polution Degree: 2
- Max Cable Size: 1 x 2.5mm² or 2×1.5mm² 0.4N·m
- Dimensions: 90mm x 18mm x 64mm
- Weight: 62g
- Standards: IEC60947-5-1

Panel Diagram



Dimensions



LED Indicator Status

1. The green indicator Un is used to indicate the power status of the relay. Once the power is turned on, the green indicator light will be on. When the panel key is pressed the green indicator light will flash.
2. The red indicator R is used to indicate the relay output status and the meaning of the indication is as follows below:

Red LED R status	Relay status
———	15 — 18 / 16
⎍⎍	15 — 18 / 16

3. When the red and green indicators flash at the same time, this indicates that the time needs to be calibrated. Connect the relay with the app again to automatically calibrate the time.

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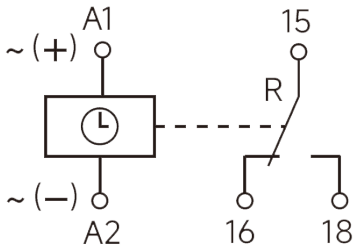
Wiring Diagram

WARNING - This device is NOT protected against the inrush current caused by capacitive charge loads of luminaries nor the startup inrush current caused by compressor or motor inductive loads. In this case, it is critical that this device be wired to operate a separate contactor of the necessary rating (not supplied) to control power to the connected load as described in the Wiring Diagram below. Failure to do so will void warranty and cause premature failure of the device. In nearly all cases, manufacturers do not advertise the inrush current of capacitive charge loads, inductive compressor or motor loads. Therefore, it is the installers responsibility to contact the manufacturer of the connected load to determine if this device is suitably rated.

Low Current Diagram



High Current Diagram