

Terminal Protection to IP20

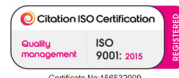


Dims: to DIN 43880
W. 17.5mm

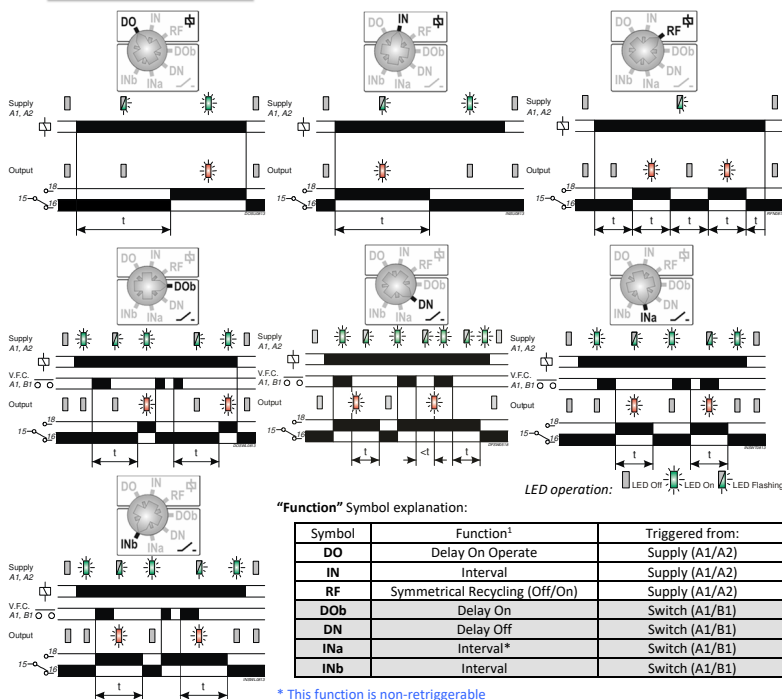
- ❑ ***NEW* 17.5mm DIN rail housing**
- ❑ **7 Selectable functions (3 Supply Initiated, 4 Switch Initiated)**
- ❑ **3 Switch initiated functions are re-triggerable (DOb, DN and INb)**
- ❑ **7 Selectable time ranges (0.1 seconds – 100 hours)**
- ❑ **Fine adjustment of selected time range**
- ❑ **LED warning indication if function is changed whilst powered**
- ❑ **Switch initiated functions ideal for use in Watchdog circuits**
- ❑ **Multi-voltage input (24 – 230V AC/12 – 230V DC)**
- ❑ **1 x SPDT relay output 8A**
- ❑ **Green LED indication for supply / timing status**
- ❑ **Red LED indication for relay status**
- ❑ **Conforms to IEC 61812**

Wiring Information and Product Demonstration Videos can also be found on our YouTube channel

<https://www.youtube.com/user/BroyceControlLtd>



FUNCTION DIAGRAMS



INSTALLATION AND SETTING

- BEFORE INSTALLATION, ISOLATE THE SUPPLY.
- Connect the unit as required.



Installation work must be carried out by qualified personnel.

Setting the unit.

- Set the "Function" selector ⑤ to the required position¹.
- Set the "Range" ④ to the required position (depending on whether seconds, minutes or hours are required), then set the "Set %" adjustment ③ as required. The "Set %" is a % of the selected range, so 60% of the 1 – 10 hour range will give 6 hours.

Applying power.

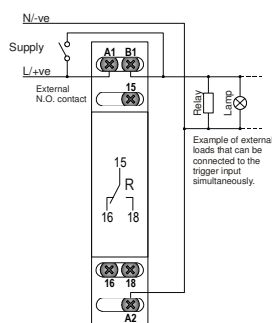
- Apply power and the green LED ① will illuminate or start flashing depending on Function selected. If a Switch initiated function is selected, the LED will begin flashing upon closing of the external input.
- The red relay LED ② will illuminate to indicate the relay is in the energised state.

Note:

¹ If the "Function" selector is changed whilst the power is applied, the relay will remain in its current state and the green LED will flash at a faster rate. Power must be removed and re-applied for the new Function to operate.

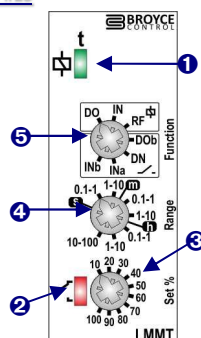
² In accordance with IEC 61812, the green LED is permitted to extinguish during a voltage dip or momentary interruption of the power supply providing the state of the output relay does not change. The dip / interruption duration and levels are defined in the product standard.

CONNECTION DIAGRAM



SETTING DETAILS

1. Power supply status / Timing (Green) LED
2. Relay output status (Red) LED
3. "Set %" adjustment
4. Time delay "Range" selector
5. Timing "Function" selector



DIMENSIONS

