

Terminal Protection to IP20



Dims: to DIN 43880
W. 17.5mm

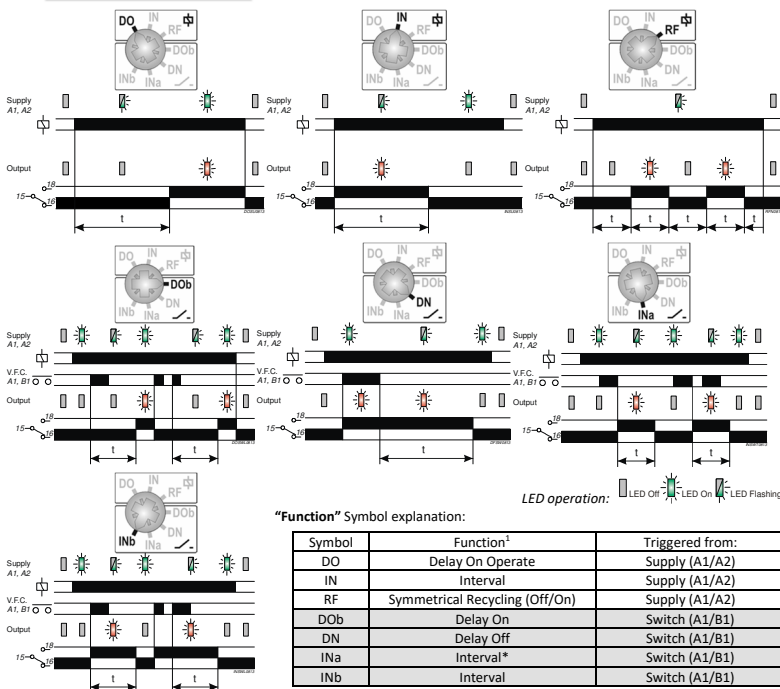
- ❑ ***NEW* 17.5mm DIN rail housing**
- ❑ **7 Selectable functions (3 Supply Initiated, 4 Switch Initiated)**
- ❑ **7 Selectable time ranges (0.1 seconds – 100 hours)**
- ❑ **Fine adjustment of selected time range**
- ❑ **LED warning indication if function is changed whilst powered**
- ❑ **Switch initiated functions ideal for use in Watchdog circuits**
- ❑ **Multi-voltage input (24 – 230V AC/12 – 230V DC)**
- ❑ **1 x DPDT 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



* This function is non-retriggerable

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 choosing seconds, minutes or hours 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.

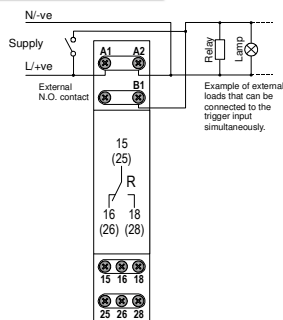
Note:

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.

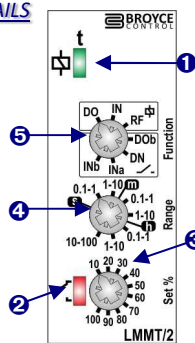
³ The dip / interruption (reset) duration and levels are defined in the product standard however, the standard allows for these to be different from the levels actually specified.

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

