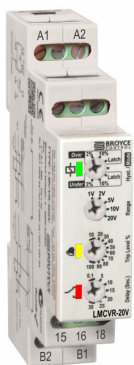


Terminal
Protection
to IP20



Dims: to DIN
43880
W. 17.5mm

- ❑ ***NEW* 17.5mm DIN rail housing**
- ❑ **Microprocessor based**
- ❑ **True R.M.S. monitoring**
- ❑ **7 Selectable monitoring ranges (0.1 – 20V AC/DC)**
- ❑ **Selectable Under or Over Voltage monitoring**
- ❑ **Selectable hysteresis or latch option**
- ❑ **Adjustable trip level and time delay**
- ❑ **Isolated Auxiliary supply (24 – 230V AC/DC)**
- ❑ **1 x SPDT relay output 8A**
- ❑ **Green LED indication for supply status**
- ❑ **Yellow LED indication for alarm status**
- ❑ **Red LED indication for relay status**

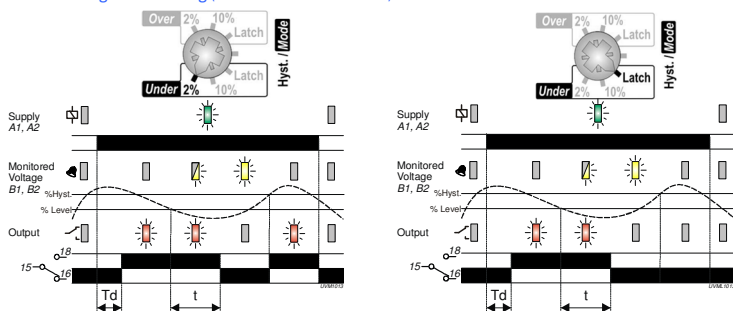
Wiring Information and Product Demonstration
Videos can also be found on our YouTube channel

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

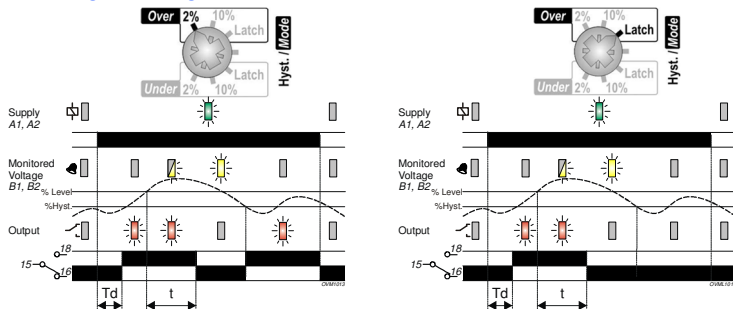


- *FUNCTION DIAGRAMS*

Under Voltage Monitoring (with and without Latch enabled)



Over Voltage Monitoring (with and without Latch enabled)



- **INSTALLATION AND SETTING**

- BEFORE INSTALLATION, ISOLATE THE SUPPLY.
- Connect the Auxiliary and Monitored Inputs as required.

 Installation work must be carried out by qualified personnel.

Setting the unit.

- Set the "Hyst. / Mode" selector **7** to the required position depending whether under or over monitoring is required. Select either a suitable hysteresis setting of 2% or 10% or choose Latch if required.
- Set the "Range" **6** to the required position (depending on monitored input voltage to be monitored).
- Set the "Trip Level %" **5** and "Delay" **4** to suit the selected monitoring range and delay to tripping period.

Applying power.

- Apply power and the green LED ① will illuminate.

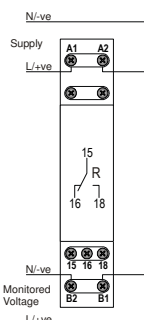
If Under voltage mode is selected:

- Relay energises / red LED ③ illuminate if the voltage is above the set "Trip Level". If the voltage falls below the "Trip Level", yellow LED ② flashes for the set "Delay" then remains lit. Red LED extinguishes / relay de-energises.

If Over voltage mode is selected:

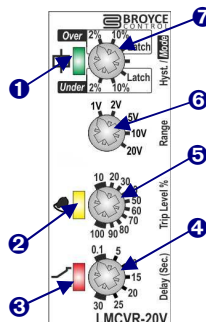
- Relay energises / red LED ③ illuminate if the voltage is below the set "Trip Level". If the voltage rises above the "Trip Level", yellow LED ② flashes for the set "Delay" then remains lit. Red LED extinguishes / relay de-energises.

- CONNECTION DIAGRAM



- *SETTING DETAILS*

1. Power supply status (Green) LED
2. Alarm status (Yellow) LED
3. Relay output status (Red) LED
4. Time delay adjustment
5. Trip level adjustment
6. Monitoring range selector
7. Hysteresis / Mode selector



- *DIMENSIONS*

