Control relays

Modular electronic relays that satisfy the timing needs of all civil and industrial applications.

DSR - TPLU - TDMU

1. Input power terminals
2. Green LED: power ON
3. Red LED: output status
4. Selectors to adjust the parameters
5. Output terminals

**DSR**
To manage the start-up of three-phase motors from the star configuration to the triangle configuration after a certain delay.

**TDMU**
It can be integrated in any type of automatism like the turning on of lights, the starting of motors, pumps, thanks to the wide range of available functions.

**TPLU**
For a cyclical control of the connected load such as fans, lights, circulation pumps.

**TECHNICAL INFORMATION**

- Code Model Description Dimensions
  - VE147500 DSR Star - triangle starter 1 DIN module
  - VE145900 TPLU Multifunction timer 1 DIN module
  - VE146700 TPLU Pause - work timing 1 DIN module

**GENERAL CHARACTERISTICS**

- Power supply: AC/DC 12 - 480 V
- Frequency: Hz 50 / 60
- Absorption in AC: VA 0.7 – 3
- Absorption in DC: W 0.5 – 1.7 (1.5 for TPLU)
- Output signal: multifunction red LED
- Capacity: 16 A, 250 V AC (resistive load) / 24 V DC
- Maximum pulse current: 30 A / <3 seconds
- Interruption power: 4000 VA / AC1, 384 W / DC
- Timer range: DSR 0.1 s – 100 days, TPLU 0.1 s – 100 days, TDMU 0.1 s – 10 days

**REFERENCE STANDARDS**

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2005/108/EC (EMC) is declared with reference to the following Harmonized Standards:
- EN 61010-1: Safety
- EN 61000-6-2: E.M. Compatibility
- EN 61000-6-4: Pollution level II

**DEGREE OF PROTECTION**

IP 40 (front panel)

**DIMENSIONS (mm)**

**CONNECTION DIAGRAM**

Front view

Side view

Diagram