

Control relay

DSR - TPLU - TDMU

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



- 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

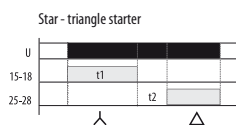
For a cyclical control of the connected load such as fans, lights, circulation pumps



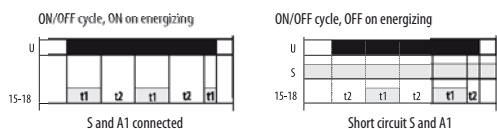
TIMERS

Operating diagrams

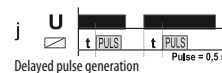
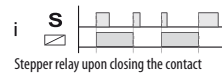
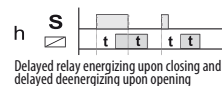
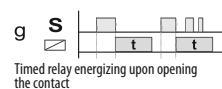
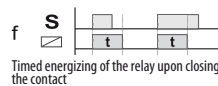
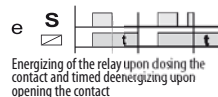
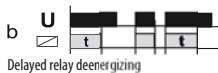
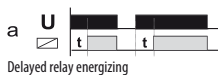
DSR



TPLU



TDMU



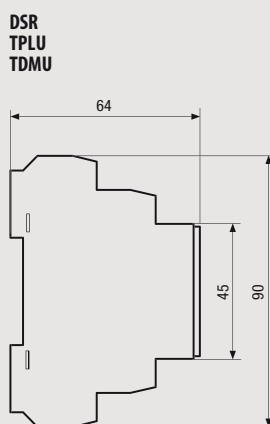
Code	Model	Description
VE147500	DSR	Star - triangle starter
VE145900	TDMU	Multifunction timer
VE146700	TPLU	Pause - work timing

DIMENSIONS (mm)

Front view

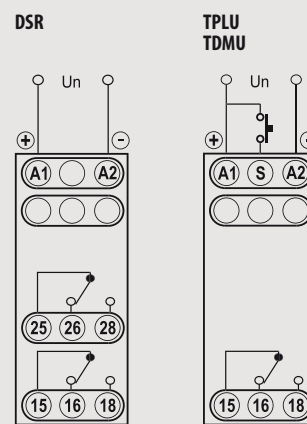


Side view



CONNECTION DIAGRAM

Diagram



MEASUREMENT AND CONTROL

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply	AC/DC	12-480 V
Frequency	Hz	50 / 60
Power consumption in AC	VA	0.7 ÷ 3
Power consumption in DC	W	0.5 ÷ 1.7 (1.5 for TPLU)
Output	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 / AC 1, 384 W / DC

Timer range	DSR	t1: 0.1 s ÷ 100 days t2: 0.1 s ÷ 1 s
	TPLU	0.1 s ÷ 100 days
	TDMU	0.1 s ÷ 10 days
Container		1 DIN module
Operating temperature	°C	-20 ÷ +55
Storage temperature	°C	-30 ÷ +70
Pollution level		II
Degree of protection	IP	40 front panel

REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/CE (Low Voltage) 89/336/CEE mod. from 92/31/CEE and from 93/68/CEE (E.M.C.) is declared with reference to the following Harmonized Standards: • Safety: EN 61010-1 • E.M. Compatibility: EN 61000-6-2 / EN 61000-6-4