

Control relays

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

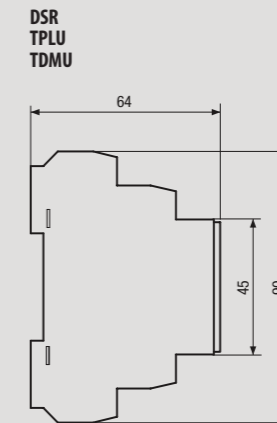
DSR - TPLU - TDMU

DIMENSIONS (mm)

Front view

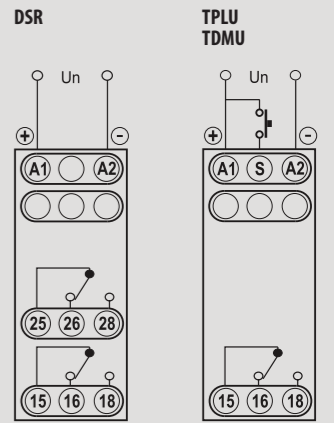


Side view



CONNECTION DIAGRAM

Diagram



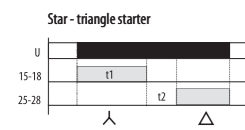
MEASUREMENT AND CONTROL

TECHNICAL INFORMATION

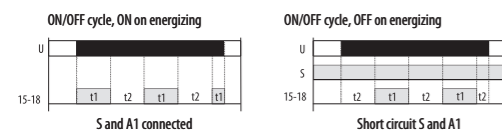
TIMERS

Operating diagrams

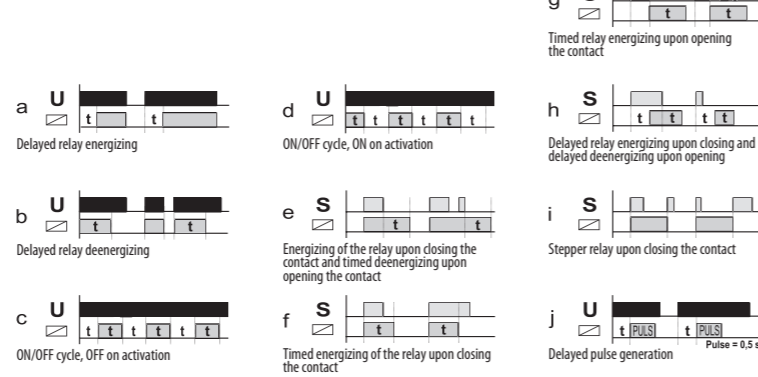
DSR



TPLU



TDMU



Code	Model	Description	Dimensions
VE147500	DSR	Star - triangle starter	1 DIN module
VE145900	TDMU	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	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	
	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/EC (Low Voltage) and 2005/108/EC (EMC) is declared with reference to the following Harmonized Standards: • Safety: EN 61010-1 • E.M. Compatibility: EN 61000-6-2 / EN 61000-6-4

