Digital Timer Eliso®

- Compact 17.5 mm
- Multi-voltage, Multi-function(8 or 17)
- 3 digit LCD for Preset time and Run time
- Option to select Up/Down counting
- Tamper proof with key lock function
- All settings accomplished with only two keys
- Up to 999 Hours



Cat. No.		V0DDTS1, V0DDTS		V0DDTD1, V0DDTD		
Parameters						
Supply Voltage (中)		24 - 240 VAC/DC				
Supply Variation		-15% to +10% (of 中)				
Frequency		50 / 60 Hz, + / - 2 Hz				
Power Consumption (Max.)		10 VA				
Timing Ranges		0.1s to 999h				
Repeat Accuracy		+/- 0.5% of selected range				
Relay Output		1 C/O (SPDT)		2 NO (DPST)		
Contact Rating Contact Material Electrical Life Mechanical Life Switching Frequency @ rated max load		8A (resistive) @ 240 VAC / 24 VDC AgSnO ₂ 1x10 ⁵ 2x10 ⁷ 1800 Operations / h				
Utilization Category	AC - 15 DC - 13	Rated Voltage (Ue): 125/240 V, Rated Current (Ie): 3/1.5 A Rated Voltage (Ue): 125/250 V, Rated Current (Ie): 2/0.22/0.1 A				
Operating Temperature Storage Temperature		-10° C to +55° C -20° C to +65° C				
LED Indication		Red LED → Relay ON				
Enclosure Dimension (W x H x D) (in mm) Weight (unpacked)		Flame Retardant UL94V0 17.5 X 89 X 76 85 g				
Mounting		Base / DIN rail				
Certification		(
Degree of Protection		IP 20 for Terminals, IP 30 for Enclosure				
Humidity (Non Condensing)		95% (Rh)				
EMI/ EMC Radio Interference Suppression ESD Electrical Fast Transients Surges Voltage Dips, Interruptions Vibration		CISPR 14-1 IEC 61000-4-2 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-11	Ed. 5.0 (2005-11) Class A Ed. 1.2 (2001-04) Level II Ed. 2.0 (2004-07) Level IV Ed. 2.0 (2005-11) Level IV Ed. 2.0 (2004-03) All 7 Levels (AC)	, IEC 61000-4-29	Ed. 1.0 (2000-08) All 5 Levels (DC)	

ORDERING INFORMATION

Cat. No.	Description

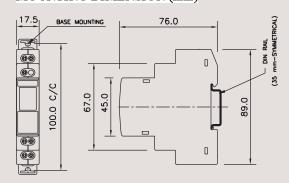
 VODDTS
 24-240 VAC/DC, 8 Functions, 1C/O

 VODDTD
 24-240 VAC/DC, 8 Functions, 2 NO

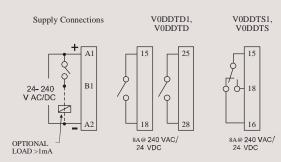
 VODDTS1
 24-240 VAC/DC, 17 Functions, 1C/O

 VODDTD1
 24-240 VAC/DC, 17 Functions, 2 NO

MOUNTING DIMENSION (mm)



CONNECTION DIAGRAM

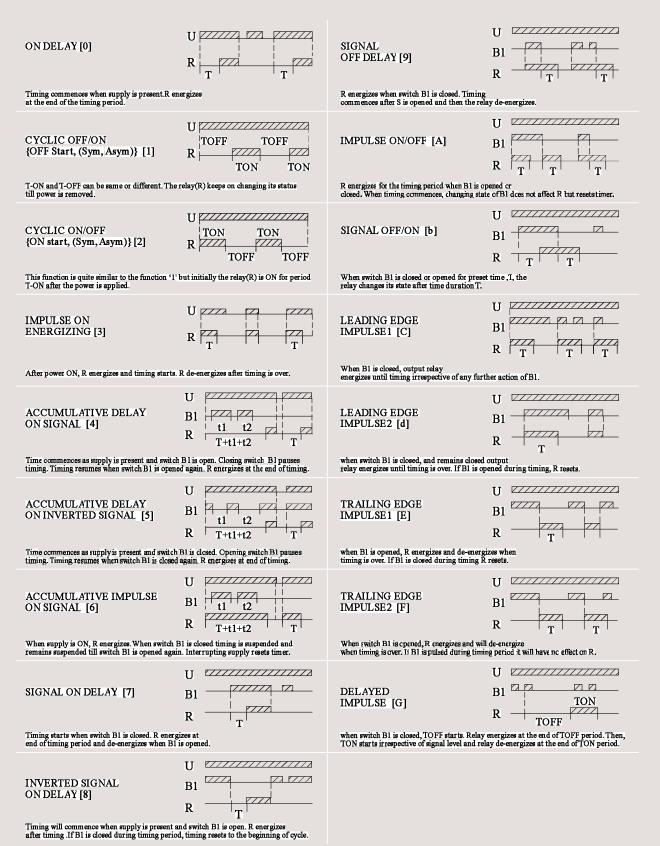


TERMINAL TORQUE & CAPACITY

TERMINE PORÇOS OF CREATORY				
Ø3.5 mm	Torque 0.54 N.m (5 Lb. in) Terminal Screw M2.5			
AWG	1 x 0.2 - 2.5 mm ² Solid Wire / single wire ferrule 2 x 0.2 - 0.5 mm ² Insulated with twin ferrule 1 x 24 to 13			



FUNCTIONAL DIAGRAMS FOR VODDTS1 & VODDTD1





FUNCTIONAL DIAGRAMS FOR VODDTS & VODDTD

	P: A1-A2 ////////////////////////////////////
ON DELAY (A)	S: B1
CYCLIC OFF/ON {OFF Start, (Sym, Asym)}(b)	S: B1 TOFF TON TOFF TON R:
CYCLIC ON/OFF {ON Start, (Sym, Asym)}(C)	S: BI TON TOFF TON TOFF R:
SIGNAL ON/OFF(d)	S: B1
SIGNAL OFF DELAY(E)	S: B1 $R:$
INTERVAL(F)	S: B1 T T T T T T T T T T T T T T T T T T
SIGNAL OFF / ON(G)	S: B1
ONE SHOT OUTPUT (H)	S: B1

Note:

For Power-On operation (P) connect the terminal B1 to A1 permanently.
 If the Signal (S) changes during the Timer Duration (T), it does not change the output relay but re-triggering takes places and the Timer Duration is extended.