Digital Timer Eliso®

- Compact 17.5 mm Wide
- Multi-Function: (8 or 17) Non Signal & Signal based functions
- Multi-Voltage: 24 240 VAC/DC
- Wide Timing Range: 0.1s to 999 Hr
- 3 Digit LCD for Preset time and Run time
- Option to select Up/Down counting
- Tamper proof with key lock feature

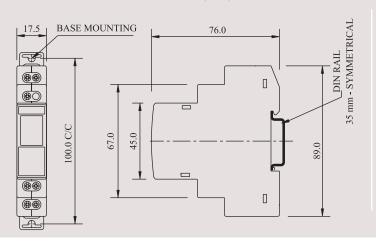


Cat. No.		V0DDTS	V0DDTD	V0DDTS1	V0DDTD1		
Parameters							
Mode			Multi-Function (8 Modes) Multi-Function (17 Modes)				
Supply Voltage (中)			24 - 240 VAC/DC				
Supply Variation			-15% to +10% (of中)				
Frequency			50/60 Hz				
Power Consumption (Max.)			10 VA				
Timing Range			0.1s to 999h				
Repeat Accuracy			± 0.5%				
	Relay Output		1 C/O	2 NO	1 C/O	2 NO	
Output	Contact Rating		8A @ 240 VAC / 24 VDC (Resistive)				
	Electrical Life		$1x10^{5}$				
	Mechanical Life		$2x10^7$				
Utilizati	ion Category	AC - 15	Rated Voltage (Ue): 125/	240 V, Rated Current (Ie): 3/1.	.5 A		
	ion category	DC - 13	Rated Voltage (Ue): 125/250 V, Rated Current (Ie): 2/0.22/0.1 A				
	ng Temperature		-10° C to +55° C				
Storage Temperature		-20° C to +65° C					
Humidity (Non Condensing)		sing)	95% (Rh)				
LED Indication			Red LED→ Relay ON				
Enclosure		Flame Retardant UL94V0					
Dimension (W x H x D) (in mm)		17.5 X 89 X 76					
Weight (unpacked)		85 g					
Mounting			Base / DIN rail				
Certification		C C COmpliant Rotts Compliant					
Degree of Protection		IP 20 for Terminals, IP 30 for Enclosure					
EMI/ EMC Harmonic Current Emissions ESD Radiated Susceptibilty Electrical Fast Transients Surges Conducted Susceptibilty Voltage Dips & Interruptions (AC) Voltage Dips & Interruptions (DC) Conducted Emission Radiated Emission		IEC 61000-3-2 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 61000-4-11 IEC 61000-4-29 CISPR 14-1	Ed. 3.0 (2005-11) Class A Ed. 1.2 (2001-04) Level III Ed. 3.0 (2006-02) Level III Ed. 2.0 (2004-07) Level IV Ed. 2.0 (2005-11) Level IV Ed. 2.2 (2006-05) Level III Ed. 2.0 (2004-03) Level All Ed. 1.0 (2000-08) Level All Ed. 5.0 (2005-11) Class A Ed. 5.0 (2005-11) Class A				
Environmental Cold Heat Dry Heat Vibration Repetitive Shock Non-Repetitive Shock		IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-6 IEC 60068-2-27 IEC 60068-2-27	Ed. 6.0 (2007-03) Ed. 5.0 (2007-07) Ed. 7.0 (2007-12) 5g Ed. 4.0 (2008-02) 40g, 6 Ed. 4.0 (2008-02) 30g, 1				

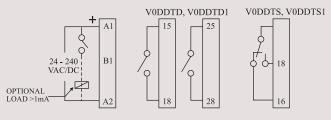
ORDERING INFORMATION

Cat. No.	Description
V0DDTS	24 - 240 VAC/DC, Digital Timer - Eliro (8 Functions), 1C/O
V0DDTD	24 - 240 VAC/DC, Digital Timer - Eliro (8 Functions), 2 NO
V0DDTS1	24 - 240 VAC/DC, Digital Timer - Eliro (17 Functions), 1C/O
V0DDTD1	24 - 240 VAC/DC, Digital Timer - Eliro (17 Functions), 2 NO

MOUNTING DIMENSION (mm)



CONNECTION DIAGRAM

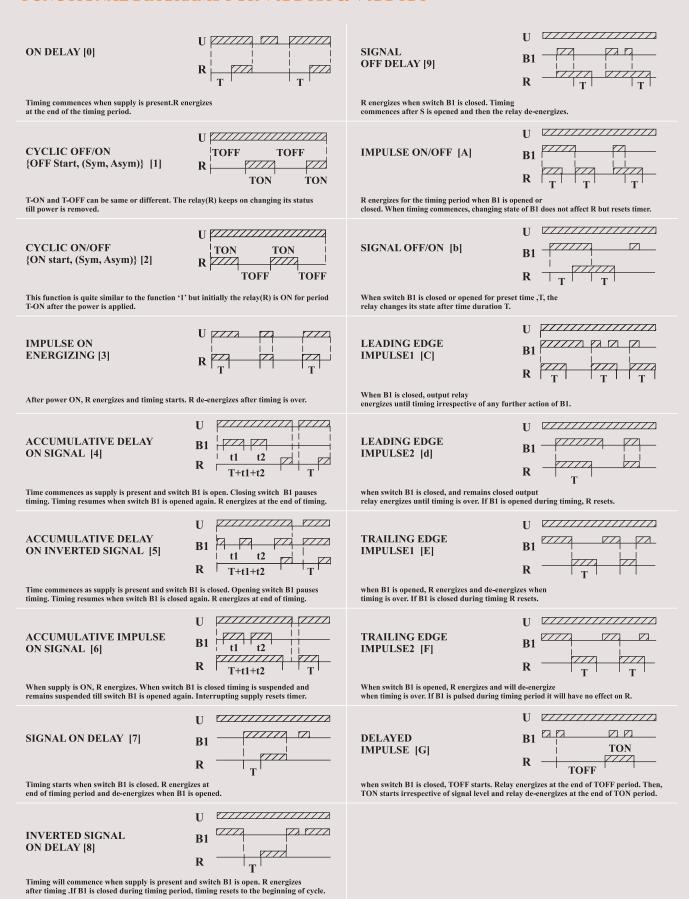


TERMINAL TORQUE & CAPACITY

Ø 3.5 mm	Torque - 0.40 N.m (3.5 Lb.in) Terminal screw - M2.5	
	Solid Wire - 1 X 0.32.5 mm ²	
AWG	1 X 22 to 14	



FUNCTIONAL DIAGRAMS FOR VODDTS1 & VODDTD1



Digital Timer $\textit{Eliso}^{\mathbb{R}}$



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: B1 TON TOFF TON TOFF R:
SIGNAL ON/OFF(d)	S: B1
SIGNAL OFF DELAY(E)	S: B1 ///////////////////////////////////
INTERVAL(F)	S: B1
SIGNAL OFF / ON (G)	S: B1 ///////////////////////////////////
ONE SHOT OUTPUT (H)	S: R: B1 T 1 SEC.

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.