

Digital Timer *Elivo*[®]

- 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

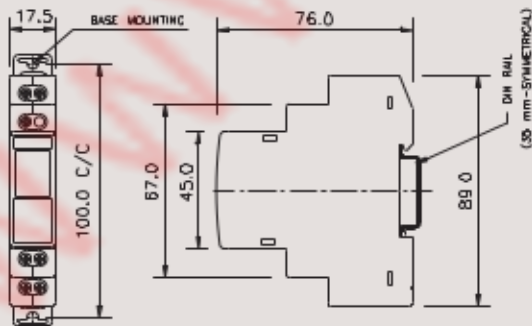


Cat. No.		V0DDTS1, V0DDTS	V0DDTD1, V0DDTD
Parameters			
Supply Voltage (Φ)		24 - 240 VAC/DC	
Supply Variation		-15% to +10% (of Φ)	
Frequency		50 / 60 Hz, +/- 2 Hz	
Power Consumption (Max.)		10 VA	
Timing Ranges		0.1s to 999h	
Repeat Accuracy		+/- 0.5% of selected range	
Relay Output		1 C/O (SPDT)	2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

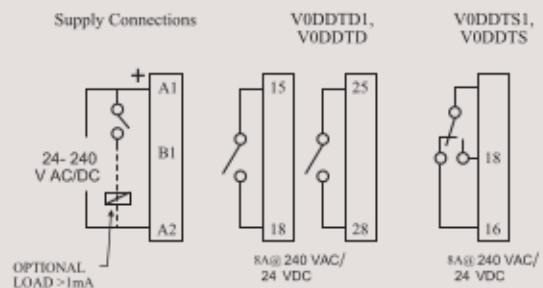
ORDERING INFORMATION

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

MOUNTING DIMENSION (mm)



CONNECTION DIAGRAM



TERMINAL TORQUE & CAPACITY

 Ø3.5 mm	Torque 0.54 N.m (5 Lb. in) Terminal Screw M2.5
	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
AWG	1 x 22 to 14