

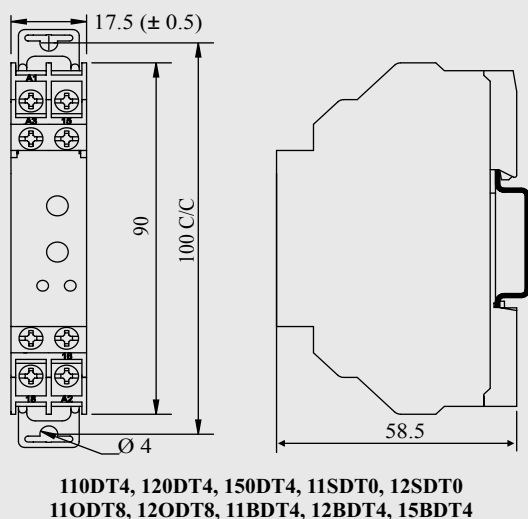
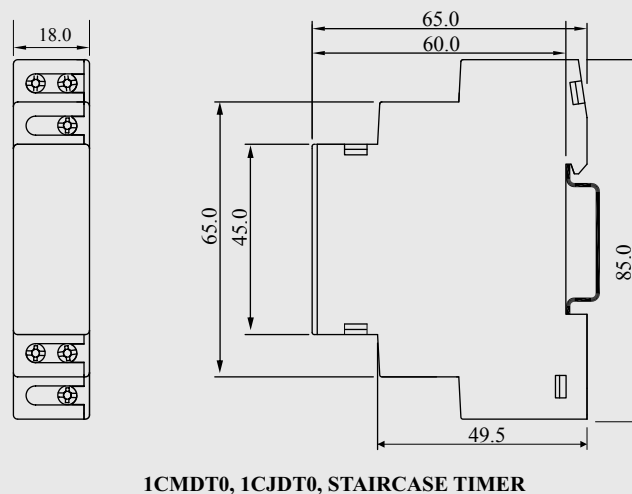
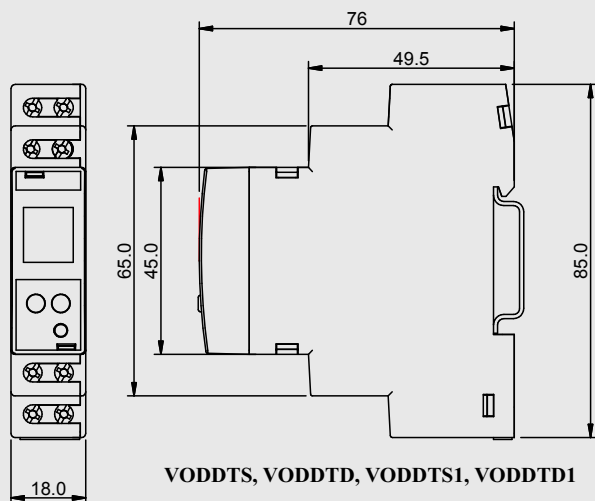


Cat. No.		15BDT4
Parameters		
Timer Description		One Shot Timer
Mode		One Shot
Functional Diagram		
Supply Voltage (ϕ)		12 VDC
Supply Variation		- 20% to +10% (of ϕ)
Frequency		N A
Power Consumption (Max.)		0.5 VA
Timing Ranges		0.3s to 30h
Reset Time		100 ms (Max.)
Setting Accuracy		$\pm$ 5% of Full scale
Repeat Accuracy		$\pm$ 1%
Output	Relay Output	1 C/O
	Contact Rating	5A (resistive) @ 240 VAC / 28 VDC
	Electrical Life	1X10 ⁵
	Mechanical Life	5X10 ⁶
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A
	DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A
Operating Temperature		-10°C to +55°C
Storage Temperature		-20°C to +70°C
Humidity (Non Condensing)		95% (Rh)
LED Indication		Green LED $\rightarrow$ Power ON, Red LED $\rightarrow$ Relay ON
Enclosure		Flame Retardant UL94-V0
Dimension (W x H x D) (in mm)		17.5 X 90 X 58.5
Weight (unpacked)		75 g
Mounting		Base / DIN Rail
Certification		
Degree of Protection		IP 20 for Terminals, IP 40 for Enclosure
EMI / EMC		
Harmonic Current Emissions		IEC 61000-3-2
ESD		IEC 61000-4-2
Radiated Susceptibility		IEC 61000-4-3
Electrical Fast Transients		IEC 61000-4-4
Surges		IEC 61000-4-5
Conducted Susceptibility		IEC 61000-4-6
Voltage Dips & Interruptions (AC)		IEC 61000-4-11
Voltage Dips & Interruptions (DC)		IEC 61000-4-29
Conducted Emission		CISPR 14-1
Radiated Emission		CISPR 14-1
Environmental		
Cold Heat		IEC 60068-2-1
Dry Heat		IEC 60068-2-2
Vibration		IEC 60068-2-6
Repetitive Shock		IEC 60068-2-27
Non-Repetitive Shock		IEC 60068-2-27

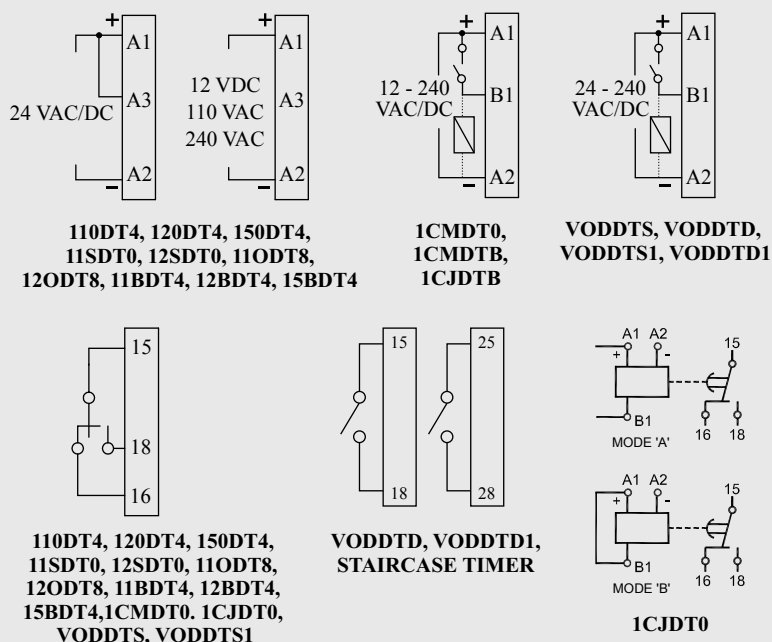
ORDERING INFORMATION

Cat. No.	Description
11BDT4	110 VAC / 24 VAC/DC, One Shot Timer, 1 C/O
12BDT4	240 VAC / 24 VAC/DC, One Shot Timer, 1 C/O
15BDT4	12 VDC, One Shot Timer, 1 C/O

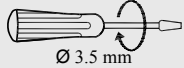
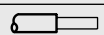
MOUNTING DIMENSIONS (mm)



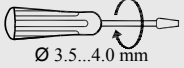
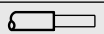
CONNECTION DIAGRAM



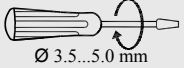
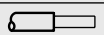
TERMINAL TORQUE & CAPACITY

 Ø 3.5 mm	Torque - 0.40 N.m (3.5 Lb.in) Terminal screw - M2.5
	Solid Wire - 1 X 0.3...2.5 mm ²
AWG	1 X 22 to 14

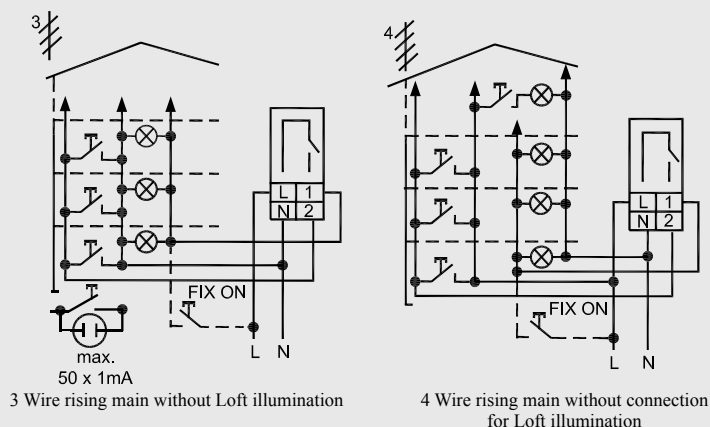
VODDTS, VODDTD, VODDTS1, VODDTD1

 Ø 3.5...4.0 mm	Torque - 0.6 N.m (6 Lb.in) Terminal screw - M3
	Solid Wire - 1 X 1...4 mm ²
AWG	1 X 18 to 10

1CMDT0, 1CJDT0, STAIRCASE TIMER

 Ø 3.5...5.0 mm	Torque - 1.1 N.m (10 Lb.in) Terminal screw - M3.5
	Solid Wire - 2 X 0.2...2.5 mm ²
AWG	1 X 24 to 10

110DT4, 120DT4, 150DT4, 11SDT0, 12SDT0, 11ODT8, 12ODT8, 11BDT4, 12BDT4, 15BDT4



STAIRCASE TIMER