




Digital Counter/Timer

TT series Digital dual Timer

Specification

Model	TT7H	TT4-P42A	TT4-P42B	
Appearance				Temperature Controller
W×H×D(mm)	72 X 72 X 87	48 X 48 X 100	48 X 48 X 100	Recorder
Power supply	100 – 240 V a.c., 50 – 60 Hz			Digital Counter Timer
Voltage Regulation	±10 % of Power supply voltage			Analog Timer
Power Consumption	About 9.6 VA (220 V a.c. 60 Hz)	Below 9.1 VA (at 220 V a.c. 60Hz)		Panel Meter
Display method	ON time display : Red color 4 digits (alphabet height 18,7mm) OFF time display : Red color 4 digits (alphabet height 14,5mm)	PV : 11 mm, SV : 8 mm		Multi Pulse Meter
External Connection type	Terminal	Plug 11 Pin	Plug 8 Pin	Proximity Sensor
Min. signal amplitude	START	Min. 1s	Min. 20 ms	-
	RST/INH			
Control	Contact	Output : Instantaneous SPDT (1c)	OUT A : Specified time SPDT (1c), OUTB : Specified time SPDT(1c)	
	Construction capacity	NO contact : 250 V a.c. 5 A resistive load, NC contact 250 V a.c. 2 A resistive load		
Life	Mechanical	Min. 10 million		
	Electrical	Min. 100,000 times (250 V a.c. 3 A resistive load)		
Dielectric strength	2,000 V a.c. 50/60Hz for 2 min	2,000 V a.c. 50 / 60 Hz for 1 minute		Photo Sensor
Noise Immunity	±2 kV (Between unit's power terminals), square wave by noise simulator (pulse width : 1μs)			
Insulation resistance	Min. 100 MΩ (500 V d.c. mega standard)			
Vibration (Durability)	10 – 55 Hz (cycle for 1min) Peak amplitude 0,75 mm for 1 hour each in X, Y and Z direction			
Shock	Mechanical Durability	300 % 3 times each in X, Y and Z direction		
	Malfunction Resistance	100 % 3 times each in X, Y and Z direction		
Ambient temperature	-10 ~ 55 °C (Without condensation)			
Storage temperature	-20 ~ 65 °C (Without condensation)			
Ambient humidity	30 ~ 85 % RH			

Suffix code

Model	Code	Information	
TT4	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Digital dual timer (48 X 48 mm)	Control Switch
Setting division	P	Exclusive for setting	Push Button / Main Switch
Displayable digit	4	4 digits (9999)	Cam Switch / Limit Switch
Setting stage	2	2nd stage setting	Micro / Hoist Switch
External connection	A	11 pins plug type	Foot / Mono Lever Switch
	B	8 pins plug type	

Model	Code	Information	
TT7H-	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Digital twin timer, 72 (W) × 72 (H) mm	Signal Light
Setting division	P	Preset (Exclusive for setting)	Terminal Block / Power Buzzer / Fuse Holder / Control Box
Displayable digit	4	4 digits (9999)	
Control output	1	1 level output	
External connection	A	9 pin terminal type (external input)	