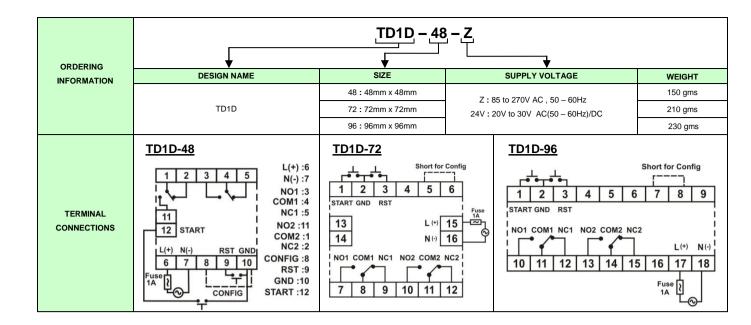
DIGITAL TIMER : TD1D												
FEATURES	 Single Set point ON Delay / Interval / Cy Cyclic off first modes Time range: 0.01sec to Output Contacts 2 C/O Front Panel reset Up/Down counting High Reliability Battery backup 		TIME RANGES 0 - 9.99 Sec 0 - 99.9 Sec 0 - 99.9 Sec 0 - 99.9Min 0 - 99.9Min 0 - 99.9Min 0 - 99.9Min 0 - 99.9Hr 0 - 99.9Hr 0 - 999Hr (Programmable)									
			-		E.					22		
OPERATING MODES	ON Delay, Interval, Cyclic or			C			c —		+			
SUPPLY	SUPPLY VOLTAGE	85 to 270V AC , 50 – 60Hz / 24V AC/DC* (Recommended fuse : 1A, 230V AC Fast blow)									٦Ť	
	POWER CONSUMPTION	3VA Max										
	INRUSH CURRENT	Max. 2A@240V AC for 20ms / 5A@24VDC									D	
	DISPLAY	7 segment LED(Red), Height : 0.5"										
	TIME SETTING	Programmable by keys									-+	
	DIGITS	3 digits					3	Panel	Cutou	r i		
SPECIFICATIONS	START INPUT	Pulse Start : upon contact closure (15msec minimum), Gate Start				Ť						
	ACCURACY	±0.05% of Set Time or 50msec (whichever is greater) Repeat : ±0.05%										
	RESET	Front, Remote, On interruption of power Reset time < 100msec				F						
OUTPUT SPECIFICATIONS	OUTPUT CONTACT	DPDT (2 C/O)										
	CONTACT RATING	5A@250V AC										
	INDICATION	LED Status Indicat	LED Status Indicator : Relay ON			+	4	— G	;	+		
ISOLATION	Supply Terminals – Contact Contact Set1 – Contact Set2 Supply Terminal – Start/Res Start/Reset – Contacts : 1.4	: 1.5KV, 1min et : 1.5KV, 1min			DIM	A	в	с	D	E	F	G
ENDURANCE	RELAY	MECHANICAL : 10,000,000 ops. Minimum (1800 ops./hr.)				40	40	05	40	4	40	40
AMBIENT	OPERATING AMBIENT	ELECTRICAL: 100,000 ops. Minimum (1200 ops./hr.) 0 to 55°C			TD1D-48	48	48	95	46	4	46	46
	STORAGE AMBIENT	-5°C to 50°C			TD1D-72	72	72	115	68	10	69	69
				┥┝	TD1D-96	00	00	75	00	40	00	
	HUMIDITY		95% RH non condensing			96	96	75	90	10	92	92
GENERAL	TERMINATIONS MOUNTING	Screw type, for 2.5mm sq. wire Panel Mount					<u>.</u> .					
SPECIFICATIONS	PROTECTION LEVEL	IP20			<u>Dimensions</u>							
*Refer ordering information				1						All dim	ensions	in mm

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PROGRAMMING SCHEME

CONFIGURATION SCHEME :

1) At power OFF, short terminals to enter in configuration menu.

For TD1D-48, short terminals 8 & 10.

For TD1D-72, short terminals 5 & 6.

For TD1D-96, short terminals 7 & 8.

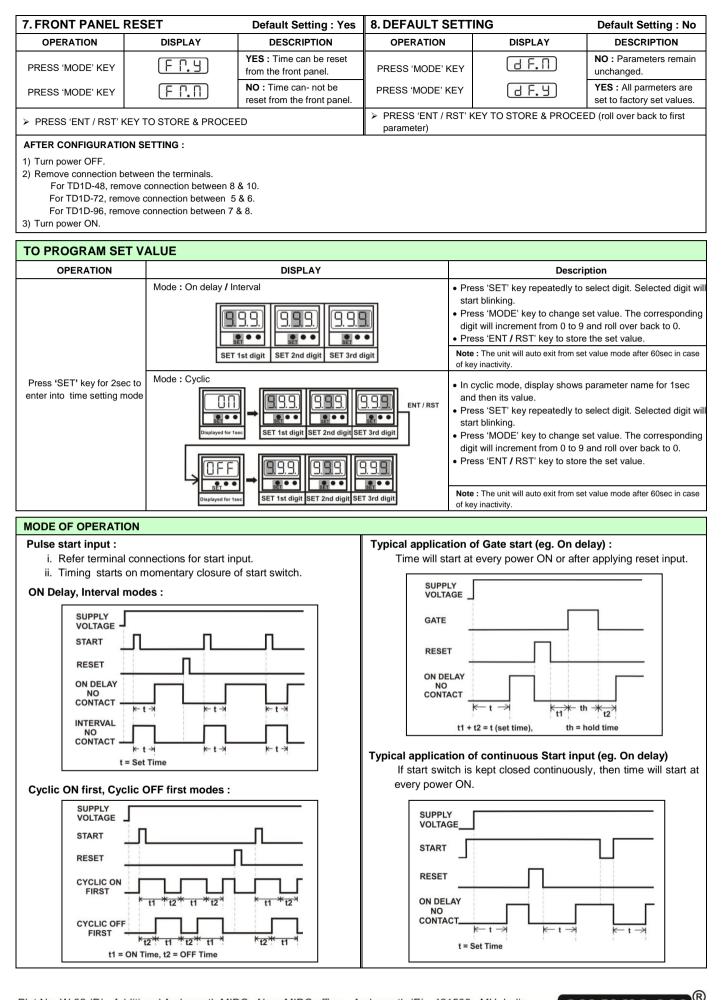
2) Turn ON power.

3) Program configuration settings as per instructions below.

1. SCALE		Default Setting : 9.99	4. COUNTING DIRECTION Default Setting : Down					
OPERATION	DISPLAY	DESCRIPTION	OPERATION	DISPLAY	DESCRIPTION			
PRESS 'MODE' KEY	9,99	0 – 9.99	PRESS 'MODE' KEY		DOWN: Counting starts from set point and proceed down to 0.			
PRESS 'MODE' KEY	99,9	0 – 99.9	PRESS 'MODE' KEY		UP: Counting starts from			
PRESS 'MODE' KEY	999)	0 – 999			0 and proceed towards set point.			
PRESS 'MODE' KEY		0 – 9.59	> PRESS 'ENT / RST' KEY TO STORE & PROCEED					
			5. START INPUT	It Setting : Pulse Start				
> PRESS 'ENT / RST' K	EY TO STORE & PROCEE	Y TO STORE & PROCEED OPERATION DISPLAY D						
2. RANGE	2. RANGE				PULSE: Timing starts on			
OPERATION	DISPLAY	DESCRIPTION	PRESS 'MODE' KEY	(PUL)	momentary closure of switch connected bet-			
PRESS 'MODE' KEY	(SEC)	SECOND			ween start and ground.			
PRESS 'MODE' KEY	<u>n - 5</u>	MINUTE - SECOND	PRESS 'MODE' KEY	(6 A E)	GATE: Timing starts on power ON. When switch between start & ground			
PRESS 'MODE' KEY	(n []	MINUTE	FRESS MODE RET					
PRESS 'MODE' KEY	(H - n	HOUR - MINUTE			is closed, timing freezes & resumes only after			
PRESS 'MODE' KEY		HOUR			release of switch			
> PRESS 'ENT / RST' k	KEY TO STORE & PROCEE	D	> PRESS 'ENT / RST' KEY TO STORE & PROCEED					
3. DELAY MODE	De	fault Setting : On Delay	6. POWER ON RES	SET	Default Setting : Yes			
OPERATION	DISPLAY	DESCRIPTION	OPERATION	DISPLAY	DESCRIPTION			
PRESS 'MODE' KEY		ON DELAY	PRESS 'MODE' KEY	(P r.y)	YES : Unit is reset on			
PRESS 'MODE' KEY	(11F)	INTERVAL DELAY			power interruption.			
PRESS 'MODE' KEY	(C.O N)	CYCLIC (ON FIRST)	PRESS 'MODE' KEY	(P P.N)	NO : Unit is not reset on			
PRESS 'MODE' KEY	(C.0 F)	CYCLIC (OFF FIRST)			power interruption.			
> PRESS 'ENT / RST' k	KEY TO STORE & PROCEE	Ð	PRESS 'ENT / RST' KEY TO STORE & PROCEED					

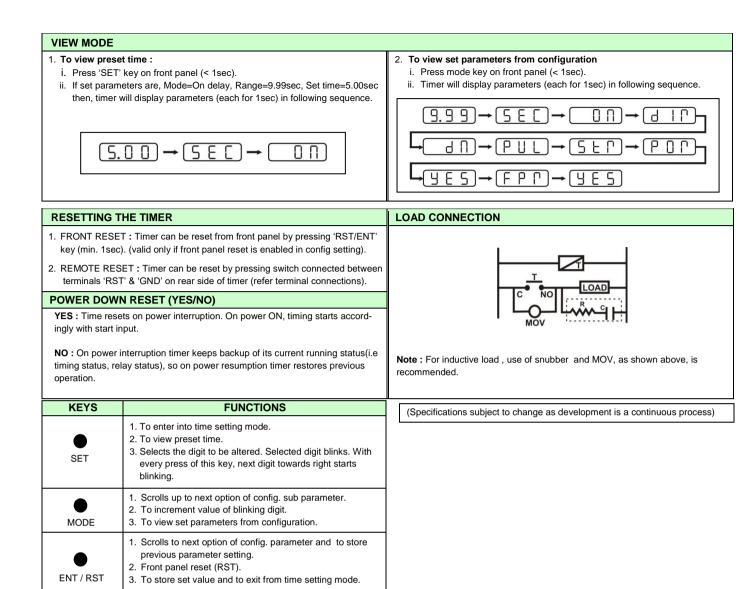
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