



Features

- Programmable Up / Down counting
- Timer Range through Keyboard : 9.99 Sec to 999 Hrs
- Set point Setting Through Thumbwheel
- Configurable at Power On (To avoid Tampering)
- Memory Backup is Unavailable
- 2 Programmable Output
- Universal supply voltage (90 ~ 270VAC)
- 24 VDC Available on Request

Technical Specifications

Display Specification

Digits	3 Digits Single Row 7 Segment LED Display			
LED Indication	Output - OP1, OP2 Auto Reset Time - RT Time Base - Hrs / Min / Sec			
Height	Model	XTM-443	XTM-773	XTM-993
PV (White)		0.39"	0.56"	0.56"

Auxiliary Supply Specification

Supply Voltage	90 - 270 VAC (24 VDC Available on Request)
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Functional Specification

Time Range Selection	Through DIP Switch
Timer Setpoint	Through Push Wheel Switch
Time Start Mode	1) Power On Start 2) Front Start 3) Remote Pulse High to Low 4) Remote Pulse + Level (Close)
Output 1 Mode	1) ON Delay 2) OFF Delay
Output 2 Function	1) Auxiliary Contact 2) End of Cycle 3) Off

Certification

None



Make In India



Accurate



Reliable



Affordable



User Friendly

Output Specification

Output 1	Relay / SSR Drive (Factory Set)
Output 2	Relay / SSR Drive (Factory Set)
Relay	5A @ 250VAC / 30VDC
SSR Drive	12 VDC @ 30mA

Environmental Specification

Temperature	Operating - 0 to 50°C
Storage	-20° to 75°C
Humidity	95% RH (Non-condensing)

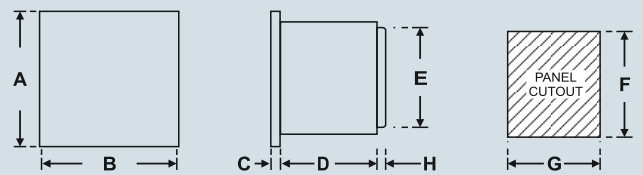
General Description

Model	XTM-443	XTM-773	XTM-993
Weight (Gms)	170	240	300
Enclosure	Molded ABS		
Color	Black		
Accessories	1 Pair of Mounting clamp		
Terminal Cable Size	Barrier Type terminal cable Size (2.5 mm ²)		

Input Specification

Control Input	Start - Proximity S/W (PNP / NPN) Potential Free Contact & 3 to 30 VDC Pulse Reset - Front Key, Rear Terminals & Power On
Sensor Supply	12 VDC @ 30mA (SCP)
Accuracy	0.05% FSD
Repeat Accuracy	0.01%

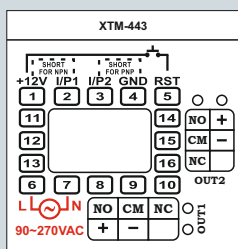
Mechanical Dimensions



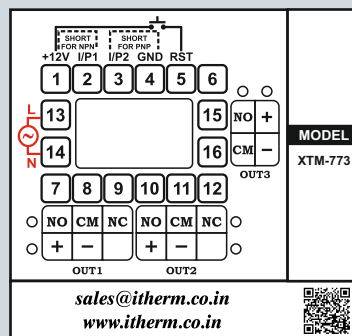
Mechanical Dimensions

Model	Dim	A	B	C	D	E	F	G	H
XTM-443		48	48	5	85	43	45	45	9
XTM-773		72	72	10	65	66	68	68	9
XTM-993		96	96	10	65	89	92	92	9

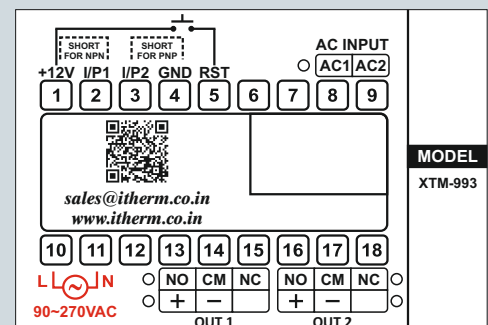
Terminal Diagram



XTM-443



XTM-773



XTM-993

Order Code : XTM-Series

Size	No. Of Digits	O/P1 Type	O/P2 Type
4 (48X48X85)	3 Digits	R (Relay)	R (Relay)
7 (72X72X65)			S (SSR Drive)
9 (96X96X65)			

Example : XTM-443-R-R

Size	No. Of Digits	O/P1 Type	O/P2 Type
44	3	R	R
4 (48X48X85)	3 Digits	R (Relay)	R (Relay)

Dip Switch Setting

1) Timer Mode Setting

DIP1	Mode
OFF	On Delay
ON	Off Delay

Input Sensor Range

DIP 4	DIP 3	DIP 2	Range	Resolution	Accuracy
OFF	OFF	OFF	9.99 s	0.01 sec	± 0.05 % of Full Scale
OFF	OFF	ON	99.9 s	0.1 sec	
OFF	ON	OFF	999 s	1 sec	
OFF	ON	ON	99.9 m	0.1 min	
ON	OFF	OFF	999 m	1 min	
ON	OFF	ON	9 h 59 m	1 min	
ON	ON	OFF	99.9 h	0.1 hrs	
ON	ON	ON	999 h	1 hrs	