

# Multifunction Timers and Counters

**XTC-774 / XTC-994**



## Features

- Programmable Function : 1) Counter & 2) Timer Mode
- Programmable Up / Down counting
- Configurable at Power On ( To avoid Tampering )
- 2 Programmable Output
- Timer Range : 0.01 Sec to 9999 Hrs via DIP Switch
- Memory Backup is Unavailable
- Counting Range : 0 to 9999 Counts
- Universal supply voltage (90 ~ 270VAC)
- 24 VDC Available on Request

## Technical Specifications

### Display Specification

Digits	4 Digits Single Row 7 Segment LED Display		
LED Indication	Output - OP1, OP2 Auto Reset Time - RT Time Base - Hrs / Min / Sec ( For Timer)		
Height	Model	XTC-774	XTC-994
	PV (White)	0.56"	0.56"

### Auxiliary Supply Specification

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

Count / Time Setting	Through Push wheel
Time Range Setting	Through DIP Switch
Count Frequency	3Hz / 30Hz / 100Hz / 1kHz / 2.5kHz
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) Latched Output 2) Auto - Reset 3) Time-Plus Repeat (TPR)
<u>Output 1 Function</u> For Counter / Timer	1) ON Delay 2) OFF Delay
<u>Output 2 Function</u> For Counter	1) Auxiliary Contact 2) Batch Mode 3) Off
For Timer	1) Auxiliary Contact 2) End of Cycle 3) Off



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	XTC-774	XTC-994
Weight (Gms)	240	300
Enclosure	Molded ABS	
Color	Black	
Accessories	1 Pair of Mounting clamp	
Terminal Cable Size	Barrier Type terminal cable Size ( 2.5 mm <sup>2</sup> )	

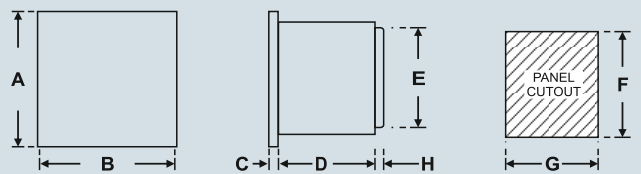
## Certification

None

## Input Specification

Control Input	Start - Proximity S/W (PNP / NPN) Potential Free Contact  Reset - Front Switch, Remote Terminal & Power On
Sensor Supply	12 VDC @ 30mA (SCP)
Accuracy	0.05% FSD
Repeat Accuracy	0.01%

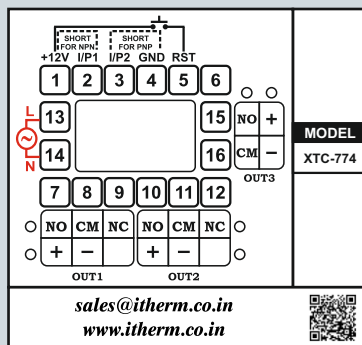
## Mechanical Dimensions



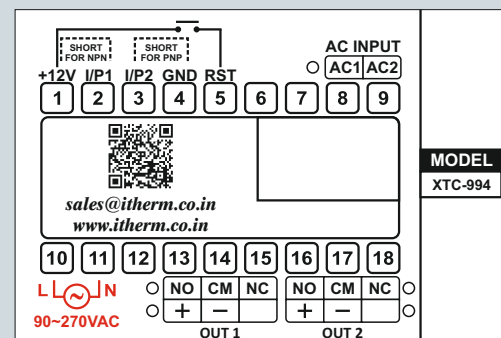
## Mechanical Dimensions

Model	Dim							
	A	B	C	D	E	F	G	H
XTC-774	72	72	10	65	66	68	68	9
XTC-994	96	96	10	65	89	92	92	9

## Terminal Diagram



XTC-774



XTC-994

## Order Code : XTC-Series

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

### Example : XTC-774-R-R

Size	No. Of Digits	O/P1 Type	O/P2 Type
77	4	R	R
7 (72X72X65)	4 Digits	R (Relay)	R (Relay)

### Input Sensor Range

Range	Resolution	Accuracy
99.99 s	0.01 sec	± 0.05 % of Full Scale
999.9 s	0.1 sec	
9999 s	1 sec	
99 m 59 s	1 sec	
999.9 m	0.1 min	
9999 m	1 min	
99 h 59 m	1 min	
999.9 h	0.1 hrs	
9999 h	1 hrs	