



Features

- Programmable Function : (1) Counter Mode (C)
(2) Timer Mode (T)
 - Programmable Up / Down counting
 - Configurable at Power ON (To avoid Tampering)
 - 2 Programmable Output
- Programmable Memory Backup Function
 - Counting Range : 0 to 9999 Counts
 - Timing Range : 0.01 Sec to 9999 Hrs
 - Universal supply voltage (90 to 270 VAC)
 - 24 VDC Available on Request

Display Specification

Digits		: 4 Digits Dual Row 7 Segment LED Display	
Height	Model	KTC-JD-2	KTC-JD-4
PV (White)		2.7"	4"

Input Specification

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

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)

Auxiliary Supply Specification

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

Count / Time Setting	: Through Keyboard
Count Frequency	: 3Hz / 30Hz / 100Hz / 1kHz / 2.5kHz
Timer Start Mode	: (1) Power On Start (2) Front Start (3) Remote Pulse High to Low (4) Remote Pulse Low to High (5) Remote Pulse + Level (Open) (6) Remote Pulse + Level (Close)
Output1 Mode	: (1) Latched Output (2) Auto-Reset (3) Time-Pulse Repeat (TPR)
Output1 Function	
For Counter	: (1) ON Delay (2) OFF Delay
For Timer	: (1) ON Delay (2) OFF Delay (3) Cycle ON-Time First (4) Cycle OFF-Time First (5) FOR-REV with Hold time
Output2 Function	
For Counter	: (1) Auxiliary Contact (2) Batch Mode (3) Invert (4) Off
For Timer	: (1) Auxiliary Contact (2) End of Cycle (3) Invert (4) Off

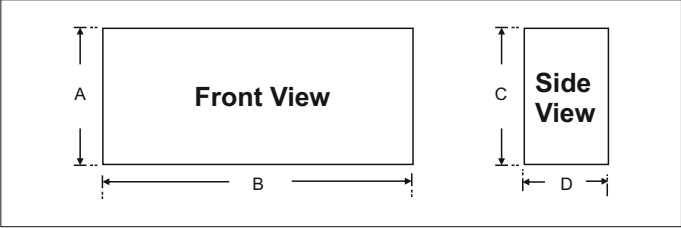
General Description

Model	KTC-JD-2	KTC-JD-4
Weight (Gms)	1.5 Kg	4.25 Kg

Certification

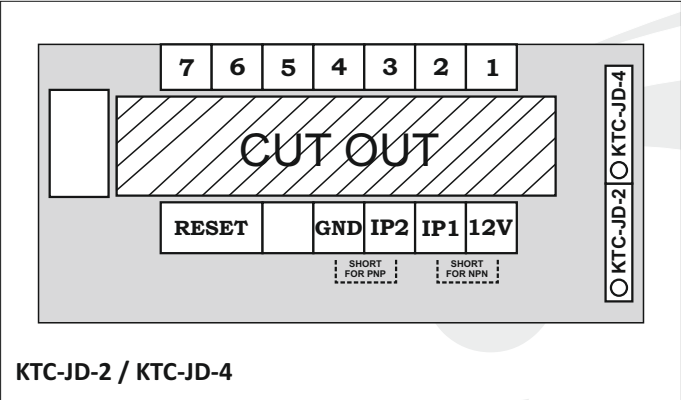
None

Mechanical Dimensions



Dim Model	A	B	C	D
KTC-JD-2	120	230	120	80
KTC-JD-4	165	390	165	50

Terminal Diagram



Order Code : KTC-JD-X-Series

Model	Size
KTC-JD	2 Inch (120X230X80)
	4 Inch (165X390X50)

Example : KTC-JD-2

Model	Size
KTC-JD	2 Inch (120X230X80)

Timing 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	