Multi function Timer/Counter

Specifications

DESCRIPTION		KTC-XX Keyboard Based Timer / Counter	XTC-XX4 Push Wheel Based Timer / Counter	CTR-XX Event Counter / Time Totalizer / RPM Indicator
Display	Type	7 Segment LED (White Display for Elapsed Time and Pure Green Display for Set Time)		
	No. of Digits	4 Digits Dual Row	4 Digits Single Row	6 Digits Single Row
	LED Indication	Output | Mode C/ T | Time Base (Only for timer mode)	Output | Auto Reset Time | Time Base (Only for timer mode)	Mode (EC/ TT/ RI) | Time Base (For Time Totalizer)
Count/ Time Setting		Through Keyboard	Through Push wheel	N.A

INPUT SPECIFICATION

Control Input	Count	Proximity S/W (NPN/PNP) | Potential Free Contact | 3 to 30 VDC Pulse | 230 VAC (On request)		
	Reset	Front Switch | Remote Terminal	Front Switch | Remote Terminal | Power On	Front Switch | Remote Terminal
Sensor Supply		12 VDC @ 30 mA (Short Circuit Protected)		

OUTPUT SPECIFICATION

No. Of Outputs	2	2	N.A
Relay	5A @ 250 VAC/ 30 VDC		N.A
SSR Drive	12 VDC @ 30 mA		N.A

CONFIGURATION PARAMETERS FOR COUNTER MODE

Scale Factor	Settable 0.001 to 9999	Settable 0.001 to 9999	Settable from 1 to 99
Count Range	0 to 9999 Counts	0 to 9999 Counts	0 to 999999 Counts
Count Speed	Upto 2.5 Khz	Upto 2.5 Khz	Upto 2.5 Khz
Count Direction	Up/ Down	Up/ Down	Up
Delay Modes	On Delay/ Off Delay	On Delay/ Off Delay	N.A
Counter Function	Latched Output | Auto-Reset | Time-Pulse Repeat (TPR)	N.A	N.A
Memory Backup	Enable/ Disable	N.A	Enable/ Disable
Output 2 Function	Auxiliary Contact | Batch Mode | Invert | Off	Auxiliary Contact | Batch Mode | Off	N.A

CONFIGURATION PARAMETERS FOR TIMER MODE

Delay Mode	On Delay	On Delay	N.A
	Off Delay	Off Delay	
	Cycle-On Time First		
	Cycle-Off Time First		
	For-Rev with Hold Time		
Timer Start Modes	Power On Start	Power On Start	N.A
	Front Start	Front Start	
	Remote Pulse High to Low	Remote Pulse High to Low	
	Remote Pulse Low to High	Remote Pulse + Level (Close)	
	Remote Pulse + Level (Open)		
	Remote Pulse + Level (Close)		
Output 2 Function	Auxiliary Contact | End of Cycle | Invert | Off	Auxiliary Contact | End of Cycle | Off	N.A

CONFIGURATION PARAMETERS FOR RPM MODE

RPM Time Out	N.A	N.A	Auto Flexible As per last RPM Value
Resolution	N.A	N.A	0.01, 0.1, 1 (Selectable)
Ratio	N.A	N.A	Settable From 1 to 100

GENERAL SPECIFICATION

Supply voltage		90 - 270 VAC/ DC (24 VDC Available on Request)						
Temp & Humidity		Operating : 0-50°C | Storage : -20° to 75°C | 95 % RH (Non-condensing)						

Dimensions in mm (H x W x D)	Model No.	Display Height ET	Display Height ST	Dim. in mm (H x W x D)	Model No.	Display Height	Dim. in mm (H x W x D)	Model No.	Display Height
36 x 72 x 79	-	-	-	36 x 72 x 79	-	-	36 x 72 x 79	CTR-33	0.39"
48 x 48 x 87	KTC-44	0.36"	0.36"	48 x 48 x 85	N.A	N.A	48 x 48 x 78	CTR-44	0.30"
72 x 72 x 82	KTC-77	0.56"	0.39"	72 x 72 x 65	XTC-774	0.56"	72 x 72 x 65	CTR-77	0.39"
48 x 96 x 53	-	-	-	48 x 96 x 53	-	-	48 x 96 x 53	CTR-88	0.56"
96 x 96 x 80	KTC-99	0.80"	0.56"	96 x 96 x 65	XTC-994	0.56"	96 x 96 x 53	CTR-99	0.56"