ABM
INSTRUMENT

PRODUCTS

- Digital Temprature Controllers
- Digital Timers
- Din Rail Timers
- Process Indicator
- Digital Counters
- Single Phase Panel Meter
- RPM Indicator
- Thermocouples Type J, K, RTD & Etc.
- All Type Proxy

TEMPERATURE CONTROLLER
MODEL:TC-96, TC-72

DIMENSION	: 96X96X50,72X72x85
PANEL CUTOUT (MM)	: 92X92, 68X68
DISPLAY	: 4 digit, 0.56" inch, Red Led display
INPUT SENSOR	: J/K/PT-100 2W/3W
RANGE	: J(0 C-400 C& 0 C-600 C), K(0 C-1200 C)
	: PT-100 2W/3W(0 C-400 C & -50.0 C-200.0 C)
OUTPUT	: 1C/O, 5A, 230V AC
SET POINT	: 1-Set Point (Push button to set SET Point)
CONTROL ACTION	: Time Proportional / ON-OFF
RESOLUTION	: J&K 1 CFix, PT-1002W/3W 0.1 C/1C
ACCURACY	: +-1% of FSD
POWER SUPPLY	: 230V AC, 50Hz

UNIVERSAL TEMPERATURE CONTROLLER
MODEL : UTC-961P, UTC-721P, UTC-421P

DIMENSION	: 96X96X50, 72X72X85
PANEL CUTOUT (MM)	: 92X92, 68X68
DISPLAY	: Upper 4 digit, 0.56" inch, Red Led display - Process Value
	Lower 4 digit, 0.4" inch, Green Led display – Set Value
INPUT SENSOR	: J/K/PT-100 2W/3W
RANGE	: J(0 C-400 C), K(0 C-1200 C)
	PT-100 2W/3W(0 C-400 C & -50.0 C-200.0 C)
OUTPUT	: 1C/O, 5A, 230V AC, & SSR Both Parallel
SET POINT	: 1-Set Point
CONTROL ACTION	: ON-OFF / P/D
RESOLUTION	: J&K 1 CFix, PT-1002W/3W 0.1 C/1C
ACCURACY	: +-1% of FSD
POWER SUPPLY	: 230V AC, 50Hz

TEMPERATURE INDICATORS
MODEL : TI-96, TI-72

DIMENSION	: 96X96X50,72X72x85
PANEL CUTOUT (MM)	: 92X92, 68X68
DISPLAY	: 4 digit, 0.56" inch, Red Led display
INPUT SENSOR	: J/K/PT-100 2W/3W
RANGE	: J(0 C-400 C& 0 C-600 C), K(0 C-1200 C)
	PT-100 2W/3W(0 C-400 C & -50.0 C-200.0 C)
ACCURACY	: +-1% of FSD
POWER SUPPLY	: 230V AC, 50Hz

DIGITAL LENGTH COUNTER
MODEL : LC-1046, LC-2046

Dimension	: 96X96X50, 72X72X85
Panel Cutout (mm)	: 92X92, 68X68
DISPLAY	: upper 6 digits, 0.56" inch in 96, Red Led display – Meters
	upper 6 digits, 0.4" inch in 72, Red Led display – Meters
	Lower 4 digits, 0.4" inch, Green Led display - Meter per minute
INPUT SIGNAL	: NPN/PNP Proximity Switch
RANGE	: 0-99999.9
OUTPUT	: 1C/O, 5A, 230V AC, & SSR Both Parallel
SET POINT	: Single Set Point
DIAMETER RANGE	: 0-9999.99 mm
SETTING	: Front keypad programming
AUTO TIME	: 99.9 sec
RESET FACILITY	: Auto/Manual Reset facility & Front & Back Reset Available
MEMORY RETENTION	: Memory retention for power filure
POWER SUPPLY	: 230V AC, 50Hz
INDICATION	: LED for Relay Status Indication

DIGITAL BATCH COUNTER
MODEL : BC-1046, BC-2046

DIMENSION	: 96X96X50, 72X72X85
PANEL CUTOUT (MM)	: 92X92, 68X68
DISPLAY	: upper 6 digits, 0.56" inch in 96, Red Led display – Total Count
	upper 6 digits, 0.4" inch in 72, Red Led display – Total Count
	Lower 4 digits, 0.4" inch, Green Led display – Batch Count
INPUT SIGNAL	: NPN/PNP Proximity Switch / Micro Switch
RANGE	: 0-999999
OUTPUT	: 1C/O, 5A, 230V AC, & SSR Both Parallel
SET POINT	: Set 1 & Set 2
SETTING	: Front keypad programming
AUTO TIME	: 99.9 sec
RESET FACILITY	: Auto/Manual Reset facility & Front & Back Reset Available
MEMORY RETENTION	: Non-Volatile Memory
POWER SUPPLY	: 230V AC, 50Hz
INDICATION	: LED for Relay Status Indication

DIGITAL COUNTER TOTALISER
MODEL : CT-1000, CT-2000, CT-56

Dimension	: 96X96X50, 72X72X85, 38X62X75
Panel Cutout (mm)	: 92X92, 68X68, 31X54
DISPLAY	: 6 digits, 0.56" inch, Red Led display – CT-1000
	6 digits, 0.4" inch , Red Led display – CT-2000
	6 digits, 0.36" inch, Red Led display – CT-56G
INPUT SIGNAL	: NPN/PNP Proximity Switch/ Micro switch/ 230 V AC PULSE
INPUT FREQUENCY	: 80 Hz
RANGE	: 0-999999
RESET	: Manual Reset at Front Key
MEMORY RETENTION	: Non-Volatile Memory
POWER SUPPLY	: 230V AC. 50Hz

DIGITAL PROGRAMMABLE COUNTER
MODEL: PC-1044, PC-2044

DIMENSION	: 96X96X50
PANEL CUTOUT (MM)	: 92X92
DISPLAY	: upper 4 digits, 0.56" inch IN 96, Red Led display – Process Value
	upper 4 digits, 0.4" inch IN 72, Red Led display – Process Value
	Lower 4 digits, 0.4" inch, Green Led display – Set Value
INPUT SIGNAL	: NPN/PNP Proximity Switch /Micro switch
RANGE	: 0-9999 Count
OUTPUT	: 1C/O, 5A, 230V AC, & SSR Both Parallel
SET POINT	: 1- Set point
SETTING	: Front keypad programming
AUTO TIME	: 99.9 sec
RESET FACILITY	: Auto/Manual Reset facility & Front & Back Reset Available
MEMORY RETENTION	: Non-Volatile Memory
POWER SUPPLY	: 230V AC, 50Hz
INDICATION	: LED for Relay Status Indication

UNIVERSAL TIMER
MODEL : AUT-1044, AUT-2044

Dimension	: 96X96X50, 72X72X75
Panel Cutout (mm)	: 92X92, 68X68
DISPLAY	: upper 4 digits, 0.56" inch IN 96, Red Led display – TIME
	upper 4 digits, 0.4" inch IN 72, Red Led display – TIME
	Lower 4 digits, 0.4" inch, Green Led display – Set TIME
INPUT SIGNAL	: NPN/PNP Proximity Switch /Micro switch
RANGE	: 99.99/999.9/9999 SEC/MIN/HR
OUTPUT	: 1C/O, 5A, 230V AC, & SSR Both Parallel
SET POINT	: 1- Set point- (Delayed ON / Instant ON)
	2- Set Point- (cycle Mode)
SETTING	: Front keypad programming
RESET FACILITY	: Front & Back Reset Available
MEMORY RETENTION	: Yes/No (Configurable)
POWER SUPPLY	: 230V AC, 50Hz
INDICATION	: LED for Relay Status Indication

DIGITAL PRESETABLE TIMER
MODEL : ADT-1310 (Quadra-I), ADT-2312(Quadra-II)

Dimension	: 96X96X50,72X72x85
Panel Cutout (mm)	: 92X92,68x68
DISPLAY	: 3 digit, 0.56" inch, Red Led display
TIME SETTING	: By Thumbwheel Switch
RANGE SETTING	: 3D=99.9/999min/sec Configurable by Dip switch
CONTROL OUTPUT	: 1-Relay or SSR
RELAY RETINGS	: 2 C/O, 5A, 230V AC
INDICATION	: LED For Relay Status Indication
START COUNTING TIME	: Starts on with power supply
OPERATING MODE	: Delayed ON
POWER SUPPLY	: 230V AC, 50 Hz

PROGRAMMABLE LAUNDRY TIMER
MODEL : FRT-1044

DIMENSION	: 96X96X50
PANEL CUTOUT (MM)	: 92X92
DISPLAY	: upper 4 digits, 0.56" inch IN 96, Red Led display
	Lower 4 digits, 0.4" inch, Green Led display
RANGE	: 99.99/999.9/9999 SEC/MIN
OUTPUT	: 2 RELAY , 1 C/O, 5A, 230V AC,
SET POINT	: 4- SET POINT , FORWARD / STOP / REVERSE / TOTAL TIME
SETTING	: Front keypad programming
POWER SUPPLY	: 230V AC, 50Hz
INDICATION	: LED for Relay Status Indication

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