



PRODUCT CATALOGUE

Temperature Controller

Process Control Instruments

Programmable Timers

Programmable Counters

Power & Energy Meters

HMI & Programmable PLC

Din Rail Timer

GLOBAL
SOLUTIONS
FOR YOUR **MEASURING**

COMPANY PROFILE :

MISTURA TECHNOLOGIES is a manufacturer of Process Control & Automation Instruments for Applications in a wide range of Industries. MISTURA TECHNOLOGIES has always been persisting in technical innovation, products improvement, so as to provide our partner and customers with better products and services. On the hand, MISTURA TECHNOLOGIES also looks into the future to put in resources for developing next-generation products that meet various market demands and technologies.

MISTURA TECHNOLOGIES has been satisfying its customers with pride for many years with the experience, dedication and excellence in customer service. It is our company policy to conduct out business in a manner that gives full attention to providing the best service to our customer's and also giving courteous and efficient service on which you can depend on.

MISTURA TECHNOLOGIES has been providing customized turnkey complete automation solutions. Our long experience has resulted the perfection in designing & manufacturing with absolute control over quality maximum efficiency for the Automation Products and that's Why our spirit of Date to Commit.

QUALITY POLICY

MISTURA TECHNOLOGIES is committed to provide products meeting customer requirements on the to achieve more and more customer satisfaction. We will strive for ongoing improvements in all our activities by enhancing skills of all our employees through training and motivation.

We also commit to implement, maintain and continuously improve our quality management system as per ISO 9001:2008 standard and also commit to fulfill all applicable statutory and regulatory requirements.

MISSION :

To support our customer by providing superior products and services of exceptional value which help them gain competitive advantage in their industries.

VISION :

Vision in to offer the best possible range of automation products to their consumers grow how they can turn opportunities into reality.

DIGITAL TEMPERATURE INDICATORS

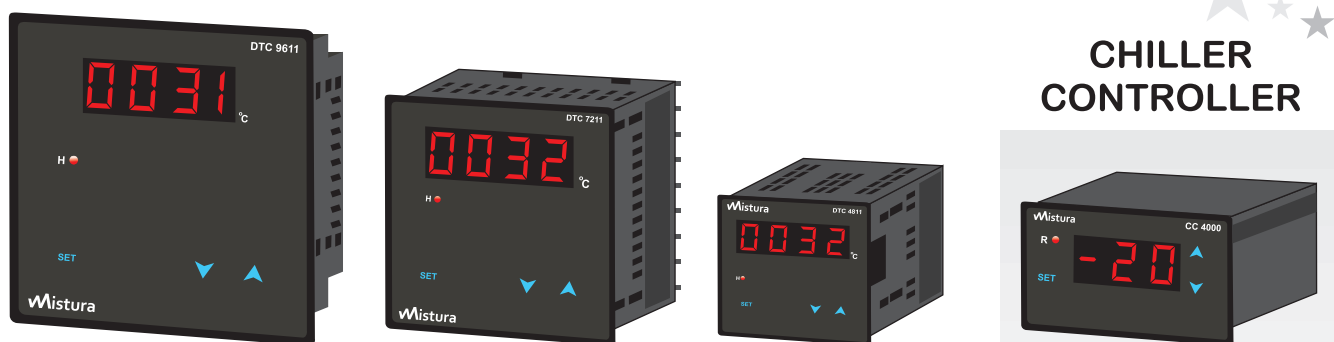
Fixed Input



MODEL	DTI-9611	DTI-7211	DTI-4911	DTI-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 44
INPUT	Sensor: J/K/PT-100 2W/3W (Factory Set)			
	Range: J (0°C to 400°C OR 0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-50.0°C to 200.0°C, 0°C to 400°C)			
SPECIFICATION	Accuracy: ±1% of FSD			
	Supply: 230V AC ± 10%, 50Hz			
Note	Sensor input R & S are also possible as per customer's request.			

DIGITAL TEMPERATURE CONTROLLERS

Fixed Input



**CHILLER
CONTROLLER**

MODEL	DTC-9611	DTC-7211	DTC-4811	DTC-4911	CC-4000
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 95	48 X 96 X 85	36 X 76 X 72
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44	44 X 92	29 X 71
INPUT	Sensor: J/ K/ R/ S / PT-100 2W/3W (Factory Set)				NTC (Thermistor)
	Range: J (0°C to 400°C & 0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (0°C to 400°C, -50.0°C to 200.0°C)				NTC (-40°C to 90°C)
OUTPUT	1 Relay 1C/O, 5A, 230V AC SSR 12VDC				1 Relay 1C/O, 15A, 230V AC (With Defrost Facility)
SPECIFICATION	Control Action: Time Proportional / ON-OFF (Factory Set)				ON-OFF (Cooling Mode)
	Accuracy: ±1% of FSD				
	Supply: 230V AC ± 10%, 50Hz				230V AC ± 10%, 50Hz
Note	In CC-4000 2 Relay for alarm purpose available as per requirement				

TEMPERATURE

TEMPERATURE CONTROLLER (Universal Input)

Single Display 4 Digit, PID - Economy Range



MODEL	UTC-9611S	UTC-7211S	UTC-4811S
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor J/ K/ PT-100 2W/3W (Configurable) Range J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
OUTPUT	1 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (1 Set point)		
SPECIFICATION	Control Action PID / TP / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 100-250V AC, 50/60 Hz		

TEMPERATURE CONTROLLER (Universal Input)

Double Display, TP & ON/OFF Action



MODEL	UTC-9611	UTC-7211	UTC-4811
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor J/ K/ PT-100 2W/3W (Configurable) Range J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
OUTPUT	1 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (1 Set point)		
SPECIFICATION	Control Action TP / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 100-250V AC, 50/60 Hz		

TEMPERATURE CONTROLLER

Double Display, Autotune PID



MODEL	UTC-9611P	UTC-7211P	UTC-4811P
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor J/K/PT-100 2W/3W (Configurable) Range J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
OUTPUT	1 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (1 Set point)		
SPECIFICATION	Control Action PID / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 100-250VAC, 50/60 Hz		

TEMPERATURE CONTROLLERS

Dual Output PID Controller -BASIC FEATURED



MODEL	PID-9611	PID-7211	PID-4811
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor J/K/PT-100 2W/3W (Configurable) Range J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
OUTPUT	2 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (2 Set point) (Heat + Cool) (Factory Set)		
SPECIFICATION	Control Action PID / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 100-250V AC, 50/60 Hz		

TEMPERATURE

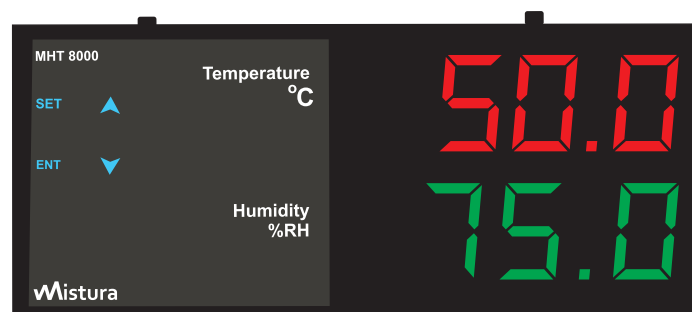
TEMPERATURE CONTROLLERS

Dual Output PID Controller - FULL FEATURED



MODEL	PID-9612	PID-7212	PID-4812
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor J/K/PT-100 2W/3W (Configurable) Range J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
OUTPUT	2 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (2 Set point)		
SPECIFICATION	Operating Mode High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable) + Soak Timer Control Action PID / TP / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 100-250V AC, 50/60 Hz		

HUMIDITY + TEMPERATURE CONTROLLER



MODEL	MHT-9612 (Humidity + Temp. Controller)	MHT-8000
Dimension (HxWxD) mm	96 X 96 X 50	160 X 375 X 70
Panel Cutout (mm)	92 X 92	
INPUT	Sensor S-1: PT-100/3W (RTD) S-2: Humidity Sensor Range PT-100/3W (-99°C to 400°C) Humidity Sensor (5% to 95% RH)	
OUTPUT	As per requirement	
SPECIFICATION	Control Action ON-OFF Accuracy ±1% of FSD Supply 100-250V AC+ 10%, 50 Hz	
		1" Relay for Temperature and 2 nd Relay for Humidity ON-OFF ±1% of FSD 100-250V AC, 50/60 Hz

TEMPERATURE CONTROLLER - UNIVERSAL

Double Display PID Controller - 3 Relay



MODEL	PID-7213C (With CT Module)	PID-7213
Dimension (HxWxD) mm	72 X 72 X 60	72 X 72 X 60
Panel Cutout (mm)	44 X 44	44 X 44
INPUT	Sensor	J/K/PT-100 (Configurable)
	Range	J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)
	CT Input	CT Module (3 CT-30Amp Each)
OUTPUT	3 Relay 1C/O, 5A, 230V AC & SSR 12V DC (Factory Set)(3 Set point)	3 Relay 1C/O, 5A, 230V AC & SSR 12V DC (Factory Set)(3 Set point)
SPECIFICATION	Control Action	PID / ON-OFF (Configurable)
	Accuracy	±1% of FSD
	Supply	100-250V AC, 50/60 Hz

UNIVERSAL PROGRAMMABLE CONTROLLER

Auto Tune PID, RS-485 MODBUS Facility

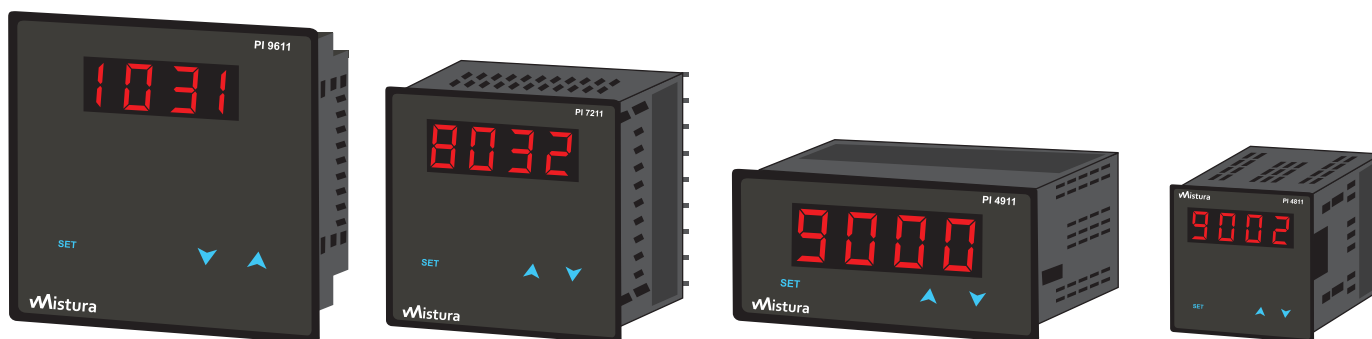


MODEL	PTC-9613	PTC-4813
Dimension (HxWxD) mm	96 X 96 X 50	48 X 48 X 95
Panel Cutout (mm)	92 X 92	44 X 44
INPUT	Input	J/K/PT-100/0-10 VDC/4-20mA/0-20mA 2W/3W (Configurable)
	Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input
OUTPUT	Output 1	Relay/SSR (Factory Set)
	Output 2	Relay/SSR (Factory Set)
	Output 3	0-10V DC/4-20mA DC Controlling/Retransmission Output (Factory Set)
PC Communication	RS-485 MODBUS Communication	
SPECIFICATION	Control Action	PID / ON-OFF (Configurable)
	Accuracy	±1% of FSD
	Supply	100-250V AC, 50/60 Hz

PROCESS CONTROL INSTRUMENT

PROCESS INDICATORS

Full Featured



MODEL	PI-9611	PI-7211	PI-4911	PI-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 44
INPUT	Sensor	0-10V DC/0-20mA DC/4-20mA DC (Configurable)		
	Range	-999 to 9999 (Configurable)		
RESOLUTION	0.000/00.00/000.0/0000 (Configurable)			
FEATURES	Correction Factor, Offset, Filtrations Rate, Reverse Scaling			
SUPPLY	100-250V AC, 50/60Hz			

PROCESS CONTROLLER (RS-485 AVAILABLE)



MODEL	PIC-9612	PIC-4912	PIC-4812
Dimension (HxWxD) mm	96 X 96 X 55	48 X 96 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	44 X 92	44 X 44
INPUT	Sensor	0 To 10V DC/4 To 20mA DC/ 0 To 20mA DC (Configurable)	
	Range	-999 to 9999 (Configurable)	
OUTPUT	Output 1	2Relay 5A, 230V AC	
	Output 2	24V DC transmitter Supply (Optional)	
	Output 3	4-20mA / 0-10mA Retransmission Output (Factory Set)(Optional)	
SPECIFICATION	Operating Mode	High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable)	
	Accuracy	±1% of FSD	
	Supply	100-250V AC/DC SMPS, 50/60 Hz	

PROCESS CONTROL INSTRUMENT

FLOW RATE INDICATOR CUM TOTALISER With Retransmission & Excitation Facility



MODEL	MFC-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	
Sensor	4 To 20mA DC / 0 To 10V DC / Pulse (Factory set)
Range	0 To 99999999 For Total Flow 0 To 9999 For Flow Rate
OUTPUT	
Output 1	4-20mA DC/0-10V DC Retransmission (Factory Set)
Output 2	24V DC Transmitter Supply
Output 3	1Relay / 2Relay ,5A,230V AC (On Total Flow or Flow Rate)
Output 4	RS-485 MODBUS Communication
Output 5	RS-232 PC or Printer Interface
SPECIFICATION	
Accuracy	±1% of FSD
Supply	100-250V AC/DC SMPS, 50/60 Hz
Note	All Output are optional

JUMBO DISPLAY INDICATORS Single & Double Side



MODEL	PI-2000/UTI-2000
Dimension (HxWxD) mm	160 X 380 X 50
INPUT	
Sensor	0-10V DC/4-20mA / 0-20mA (Configurable) , Pulse Through Encoder/Proximity, J/K/PT-100 2W/3W (Configurable) RS-485 MODBUS , Humidity Sensor
Range	-999 to 9999, 0 to 9999 Count, J (0°C - 400°C), K (0°C - 1200°C) , PT-100 (-99.9°C - 400.0°C), 0 to 100% RH for Humidity
OUTPUT	
Output 1	1Relay / 2 Relay for Alarm (Optional)
Output 2	24V DC Transmitter Supply for analog input (Optional)
SPECIFICATION	
Accuracy	±1% of FSD
Supply	100-250V AC, 50/60 Hz, 24V DC (Factory Set)
Note	1) For analog input model : PI-2000/PI-2000A 2) For Proximity / Encoder Input Model : MSI-2000/MSI-2000A 3) For Temperature Input Model : UTI-2000/UTI-2000A 4) For Humidity model : MHT-2000/MHT-2000A

PROCESS CONTROL INSTRUMENT

8 CHANNEL SCANNER WITH RS-485 MODBUS CONNECTIVITY

8 Channel Indicator




MODEL	MS-9611	MS-9612
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 52
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	Sensor	J/K/PT-100/2W/3W 0-10V DC
	Range	0-10V DC / 4-20mA DC / 0-20mA DC (Analog Input) (Configurable)
OUTPUT	Output 1	RS-485 MODBUS Communication (Optional)
	Accuracy	±1% of FSD
SPECIFICATION	Supply	100-250V AC, 50/60 Hz

8 CHANNEL SCANNER WITH RS-485 MODBUS CONNECTIVITY

Upto 4 Relay Outputs, Data Logging with Pen Drive compatibility (USB)



MODEL	MS-9700		MS-9600
Dimension (HxWxD) mm	96 X 96 X 50		96 X 96 X 50
Panel Cutout (mm)	92 X 92		92 X 92
INPUT	Sensor	J/K/PT-100 - 2W / 3W (Configurable)	0 To 10V DC/4 To 20mA DC/ 0 To 20mA DC (Configurable)
	Range	J: 600°C, K: 1200°C, RTD PT 2W/3W : (-99°C to 400°C, -99.9°C to 400.0°C)	-999 To 9999 (Configurable)
OUTPUT	Output 1	4 Relay with grouping facility	4 Relay with grouping facility
	Output 2	RS 485 MOBUS Communication (Optional)	RS 485 MOBUS Communication (Optional)
	Output 3	USB Port, Pen drive compatible (Optional)	
SPECIFICATION	Control Action	ON/OFF Action	
	Accuracy	±1% of FSD	
	Supply	100-250V AC/DC SMPS, 50/60 Hz	

PROCESS CONTROL INSTRUMENT

SIGNAL ISOLATOR & CURRENT TRANSDUCER



MODEL	SI-200	CTR-200
Dimension (HxWxD) mm	76 X 27 X 116	76 X 27 X 116
Mounting	Din rail mounting	Din rail mounting
INPUT	Input Singal	0 To 5A AC, 0 To 10A AC (Factory Set)
	Sensor	0-20mA DC / 4-20mA DC / 0-10V DC / 0 To 300V DC / 0 To 300V AC Resistance 2Wire or 3Wire Port - Any range in mV DC (Factory Set)
OUTPUT		0-20mA DC / 4-20mA DC / 0-10V DC (Single or Dual Output) (Factory Set)
		Single Output (0-20mA DC / 4-20mA DC / 0-10V DC) (Factory Set)
SPECIFICATION	Accuracy	±1% of FSD
	Supply	100-250V AC, 50/60 Hz, SMPS/24V DC (Factory Set)

LOOP POWERED TRANSMITTER



MODEL	LPT-4511	LPT-200
Dimension (HxWxD) mm	Diameter : 45 mm	76 x 27 x 116
Mounting	Head Mounting	Din Rail Mounting
INPUT	Sensor	PT-100/2Wire or 3Wire
	Range	PT-100: 0 to 100/ 0 to 200/ 0 to 300/ 0 to 400 (Configurable) / Fix Range
OUTPUT	4-20mA DC Signal (2 Wire System)	
SPECIFICATION	Supply	24V DC Loop Powered

PROGRAMMABLE TIMER
Universal Range - 1Relay output



MODEL	UTR-9611	UTR-7211	UTR-4811
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor	Micro Switch / Limit Switch / Proximity (Configurable)	
	Range	99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)	
OUTPUT	1 Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Operating Mode	Delayed ON/Delayed OFF/Cycle Mode (Configurable)	
	Count Direction	Up / Down (Configurable)	
	Memory	Yes / No (Configurable)	
	Reset	Front & Back Both Reset Available	
	Supply	230VAC ±10% 50Hz	

PROGRAMMABLE TIMER
Universal Range - 2 Relay output



MODEL	UTR-9612	UTR-7212	UTR-4812
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor	Micro Switch / Limit Switch / Proximity (Configurable)	
	Range	99.99 / 999.9 / 9999 Sec/Min (Configurable)	
OUTPUT	2Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Operating Mode	Forward - Reverse Mode / Cyclic Mode / Sequential Mode / Combination Mode (Configurable)	
	Count Direction	Up / Down (Configurable)	
	Memory	Yes / No (Configurable)	
	Reset	Front & Back Both Reset Available	
	Supply	230VAC, ± 10% 50Hz	

DIGITAL PRESETABLE TIMER

Thumbwheel Setting



MODEL	DT-9611	DT-7211	DT-4811
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 102
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
Range	999 , 99.9 Min / Sec (Configurable)		
Output	2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Reset Mode Auto / Manual Operation Mode Delayed ON / Delayed OFF (Configurable) Counting Direction UP / DOWN (Configurable) Memory YES / NO (Configurable) Supply 230V AC \pm 10%, 50Hz (Linear Power Supply)		

DIGITAL PRESETABLE TIMER

Fix Range-Thumbwheel Setting



MODEL	DT-9612	DT-7212	DT-4812
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 102
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
Range	999 , 99.9 Min / Sec / Hrs (Configurable)		
Output	2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Reset Mode Auto / Manual Operation Mode Delayed ON / Delayed OFF (Configurable) Counting Direction UP / DOWN (Configurable) Memory YES / NO (Configurable) Supply 230V AC \pm 10%, 50Hz (Linear Power Supply)		

SEQUENTIAL TIMER

8 Channel With Cascading Facility For 8 + 8 Outputs



4 CHANNEL SEQUENTIAL TIMER

MODEL	SQT-9611 (Sequential Timer)	MDT-9611
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
RANGE		
Range	99.99 / 999.9 Sec / 99.59 / 999.9 Min / 99.59/999.9 Hrs (Configurable)	99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)
OUTPUT	8 Relay, 1C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)	4 Relay, 1C/O, 5A , 230V AC, 12V DC SSR Output (factory set)
SPECIFICATION		
Operating Mode	Delayed ON/Instant ON/Cycle Mode (Configurable)	Delayed ON/Delayed OFF/Cycle Mode (Configurable)
Count Direction	Up / Down (Configurable)	Up / Down (Configurable)
Memory	Yes / No (Configurable)	Yes / No (Configurable)
Reset	Front & Back Both Reset Available	Front & Back Both Reset Available
Supply	100-250V AC, 50/60 Hz	100-250V AC, 50/60 Hz
NOTE	Cascading facility available in SQT- 9611 Sequential timer up to 1 + 3 parallel	SSR output is available on request

DIGITAL TIMER TOTALIZER

Hour Meter



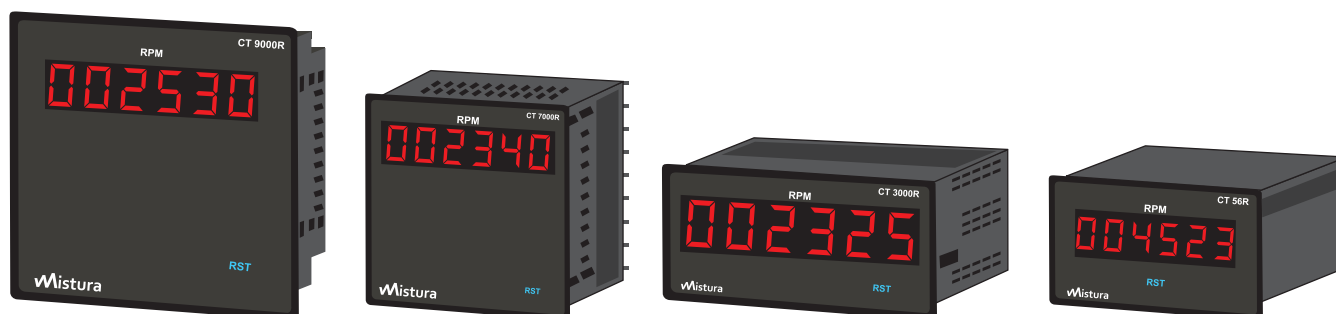
MODEL	CT-9000T	CT-7000T	CT-3000T	CT-56T
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	38 X 62 X 75
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	31 X 54
Range	Range 1) 9999.59 hr/min. 2) 9999.59 min/sec 3) 999999 hr 4) 999999 Min 5) 999999 sec (Configurable)			
Input	Input Micro Switch/ Limit Switch / Proximity Switch / 230V AC (Factory Set)			
SPECIFICATION	Supply 230V AC ± 10%, 50Hz (Linear Power Supply)			

DIN RAIL TIMER



Model	Description	Supply Voltage	Time Range	Output
R100	On Delay Timer	230VAC/415VAC (Optional)	0-60 Sec	1 Relay 1 C/O
R100A	On Delay Timer	230VAC/415VAC (Optional)	0-30 Sec	1 Relay 1 C/O
SD100	Star Delta Timer	230VAC/415VAC (Optional)	Run Up Time : 0-30 / 0-60 Sec Change Time : 50/100 ms	2 Relay 1 each for star & Delta
MQ100	On Delay / Interval Timer	230VAC & 24V AC/DC	3/10/30/60 Sec / Min	1 Relay 1 C/O
XA100	On Delay / Interval Timer (Universal Supply)	20VAC to 250VAC 12VDC to 250VDC	3/10/30/60 Sec / Min	1 Relay 2 C/O
XU100	On Delay / Interval Timer (Universal Supply)	20VAC to 250VAC 12VDC to 250VDC	1/3/10/30 Sec / Min / Hr	1 Relay 2 C/O
M100	On Delay / Interval Timer	230VAC / 415VAC (optional)	1/3/10/30 Sec / Min / Hr	2 Relay 2 C/O
C100	Cyclic Timer	230VAC / 415VAC (optional)	1/10 Sec/Min/Hr For both ON & OFF	2 Relay
C100	Cyclic Timer (Universal Supply)	20VAC to 250VAC 12VDC to 250VDC	1/10 Sec/Min/Hr For both ON & OFF	1 Relay 2 C/O
XMR100	Forward Pause Reverse Timer	230VAC / 415VAC (optional)	Forward & Reverse Time : 1/2/4/8 min Pause Time : 10/20/40/80 Sec	2 Relay, each for Forward & Reverse
PSR100	Phase Sequence Relay (SPP)	3 Phase / 3W 150-500VAC (L-L)	Power On Delay 100 ms	1 Relay

DIGITAL RPM INDICATOR



MODEL	CT-9000R	CT-7000R	CT-3000R	CT-56R
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	38 X 62 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	31 X 54
INPUT	Sensor NPN/PNP Proximity Switch (Configurable)			
	Range 4 - 5000 RPM			
SPECIFICATION	Supply 230V AC ± 10%, 50Hz			

DIGITAL COUNT TOTALISER



MODEL	CT-9000	CT-7000	CT-3000	CT-56G
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	38 X 62 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	31 X 54
INPUT	Sensor NPN/PNP Proximity Switch / Micro Switch (Configurable). 230V AC Pulse			
	Range 0 To 999999 Count			
SPECIFICATION	Memory Non-Volatile Memory			
	Reset Manual Reset, Back Reset (Optional)			
	Supply 230V AC ± 10%, 50Hz			

DIGITAL PRESETABLE COUNTER With Thumbwheel Setting



MODEL	PC-9611	PC-7211
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85
Panel Cutout (mm)	92 X 92	68 X 68
INPUT	Sensor NPN/PNP Proximity switch / Micro Switch (Configurable) / 230V AC Pulse / Encoder (Factory Set)	
	Range 0 To 9999	
OUTPUT	1 Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)	
SPECIFICATION	Operating Mode Delayed ON/Delayed OFF (Configurable)	
	Count Direction Up / Down (Configurable)	
	Memory Yes / No (Configurable)	
	Speed Selection Low, Medium, Fast (Configurable)	
	Supply 230V AC ± 10%, 50/60Hz	

DIGITAL PROGRAMMABLE COUNTER



MODEL	PC-9612	PC-7212	PC-4812	PC-9613
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 95	96 X 96 X 42
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44	92 X 92
INPUT	Sensor NPN/PNP Proximity Switch / Micro Switch (Configurable) / 230V AC Pulse / Encoder (Factory Set)			
	Range 0 - 9999 Count			0 - 999999 Count
OUTPUT	1 Relay, 2 C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)			
SPECIFICATION	Count Direction Up / Down (Configurable)			
	Memory Yes / No (Configurable)			
	Reset Auto / Manual Reset / Reset at back			
	Supply 230V AC ± 10%, 50Hz		100-250V AC, 50/60 Hz	230V AC ± 10%, 50Hz
Note	Double set point & Scale factor Available on customer request			

DIGITAL BATCH COUNTER



MODEL	BC-9611	BC-7211	BC-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor NPN/PNP Proximity Switch / Micro Switch (Configurable) / 230V AC Pulse (Factory Set)		NPN/PNP Proximity Switch / Micro Switch / 230V AC Pulse (Factory Set)
RANGE	Range Upper display range (0 -999999 Count) Lower display range (0 -9999)		Upper display range (0 -9999 Count) Lower display range (0 -9999)
OUTPUT	1 Relay+Buzzer / SSR + Buzzer		
SPECIFICATION	Memory Non-Volatile Memory Reset Auto / Manual reset / back reset		
	Supply 230V AC ± 10%, 50Hz		100-250V AC, 50/60 Hz SMPS

DIGITAL LENGTH COUNTER

With Proximity / Dual Channel Encoder Input



MODEL	LC-9611	LC-7211	LC-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 95
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor NPN/PNP Proximity Switch (Configurable) / Encoder (Factory set)		
RANGE	0-99999.9 / 0-999999 Meter (Configurable)		0-9999.9 / 0-9999 Meter (Configurable)
OUTPUT	1 Relay, 1C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	MPM Range 999.9 MPM Diameter 0-9999.99 MM Memory Non-Volatile Memory Reset Auto/Manual reset facility & front and back reset facility		
	Supply 230V AC ± 10%, 50Hz		100-250V AC, 50/60 Hz

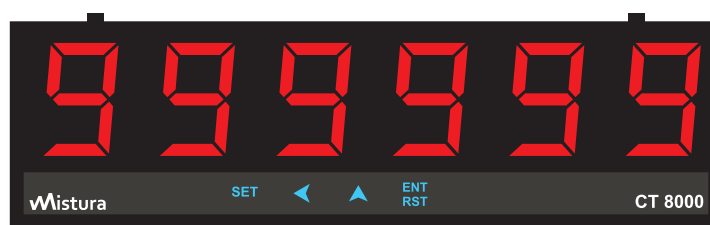
PROGRAMMABLE COUNTER

Counter + Rpm



MODEL	MMC-9611	MMC-7211
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60
Panel Cutout (mm)	92 X 92	68 X 68
INPUT	Sensor: NPN/PNP Proximity switch / Micro Switch (Configurable) / 230V AC Pulse(Factory Set)	
	Range: Upper Display Range: (0-999999 Count) , Lower Display Range: (0-9999 RPM)	
OUTPUT	Output: 1 Relay, 1C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)	
SPECIFICATION	Memory: Non-Volatile Memory	
	Reset: Auto / Manual Reset / Back reset	
	Supply: 230V AC ± 10%, 50Hz	

PROGRAMMABLE JUMBO DISPLAY



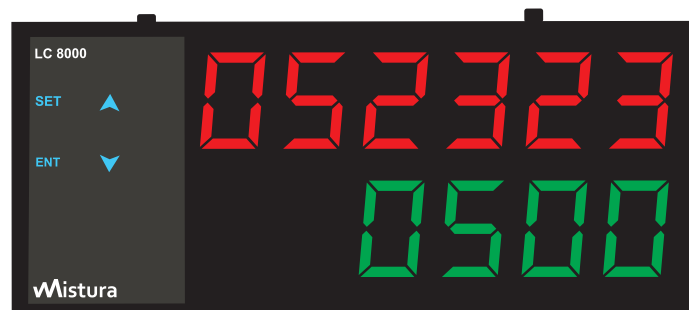
MODEL	CT-8000
Dimension (HxWxD) mm	
Display	Single Display: 7 Segment, 6 Digit, 4" Red Led Display
INPUT	Sensor: NPN/PNP Proximity switch (Configurable) & Micro Switch
	Range: 0-999999 Count
OUTPUT	Output: 1 Relay, 1C/O, 5A , 230V AC, 12V DC SSR Output (Optional)
SPECIFICATION	Memory: Non-Volatile Memory
	Reset: Auto / Manual Reset / Back reset
	Supply: 230V AC ± 10%, 50Hz
Note	RS-485 input available as per request

COUNTER SPEED / RATIO INDICATOR



MODEL	MPM-9611	MSI-7212
Dimension (HxWxD) mm	96 X 96 X 52	72 X 72 X 75
Panel Cutout (mm)	92 X 92	68 X 68
INPUT	Sensor: NPN/PNP Proximity Switch (Configurable), Proximity Input (Stretch Ratio Indicator)	
	Range: 0 to 9999 or 0 to 999.9 MPM (Factory set), 0 to 9999 RPM	
OUTPUT	Output: 1 Relay on RPM/MPM (Factory Set) &	
SPECIFICATION	Memory: 0 to 999.9 MM (Only for MPM / Stretch Ratio MPM)	
	Reset: $\pm 1\%$ of FSD	
	Supply: 230V AC, 50/60 Hz	

PROGRAMMABLE JUMBO LENGTH COUNTER



MODEL	LC-8000
Dimension (HxWxD) mm	160 X 375 X 70
Display	Upper: 7 Segment, 6 Digit, 2.25" Red Led Display - Total Meters Lower: 7 Segment, 4 Digit, 2.25" Green Led Display - Meter Per Minute
INPUT	Sensor: NPN/PNP Proximity Switch (Configurable) / Encoder (Factory set)
RANGE	0-99999.9 / 0-999999 Meter (Configurable)
OUTPUT	1 Relay, 1C/O, 5A, 230V AC, 12V DC SSR Output (Any one factory set)
SPECIFICATION	MPM Range: 999.9 MPM
	Diameter: 0-9999.99 MM
	Memory: Non-Volatile Memory
	Reset: Auto/Manual reset facility & front and back reset facility
Supply	100-250V AC, 50/60 Hz
Note	RS-485 input available as per request

SINGLE PHASE AC PANEL METER

VOLT / AMP meter



MODEL	DVM-9611/DAM-9611	DVM-7211/DAM-7211	DVM-4911/DAM-4911
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92
INPUT	Ampere (AC) 5A AC Direct CT Ratio Primary: 5/5 to 4000/5A AC Volatge (AC) 0 to 500V AC		
SPECIFICATION	Accuracy Class 1.0 Power Supply 230V AC ±10%, 50Hz		
Note	30A AC Direct CT Available at back side		

SINGLE PHASE AC PANEL METER

VOLT + AMP meter



MODEL	AV-9611	AV-7211	AV-4911
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92
INPUT	Current Input CT Ratio selection upto 2000/5 Amp Voltage Input 0 to 500V AC		
SPECIFICATION	Accuracy Class 1.0 Power Supply 230V AC ±10%, 50Hz		
Note	30A AC Direct CT Available at back side		

3 PHASE PANEL METER AVF Meter



MODEL	AVF-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Input Signal Voltage Current
PARAMETER	3Ø 4 Wire / 3Ø 3Wire / 1Ø 2 Wire 300V AC (L-N) / 520V AC (P-P) 5/5A to 6000/5A CT Ratio Selectable
SPECIFICATION	Accuracy Power Supply
	Voltage (P-P), Voltage (P-N), Average Voltage (P-P), Average Current (R,Y & B), Average Voltage (P-N) Line Current (R,Y & B), Frequency, RPM, Load Hour, No Load Hour Class 1.0 230V AC ±10%, 50Hz

3 PHASE PANEL METER VOLT/AMP meter



MODEL	VOLT-9611	AMP-9611
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
PARAMETERS	Input Signal Voltage (AC) Ampere (AC)	3Ø / 3 Wire 0 to 6000/5A AC
SPECIFICATION	Accuracy Power Supply	
	Class 1.0 230V AC ± 10%, 50Hz	

3 PHASE ENERGY & POWER METER



MODEL	EPM-9611	EM-9611
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 52
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	Input Signal Voltage Current	3Ø 4 Wire 230V AC 5/5 to 4000/5A AC
SPECIFICATION	Reset Measuring Range Accuracy Power Supply	By front Keypad 0.000 to 9999 kW (Active power) 0 to 999999 kWh (Active energy) Class 1.0 230V AC ± 10%, 50Hz
		By front Keypad 0 to 999999 kWh (Active Energy) Class 0.5 230V AC ± 10%, 50Hz

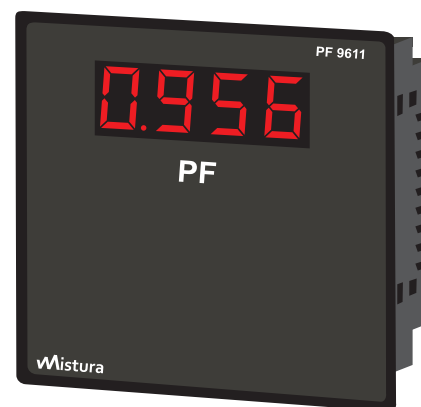
SINGLE PHASE PANEL METER

Watt Meter



MODEL	WM-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Input Signal Voltage Current
CT Selection Secondary Function	5A/1A (Configurable)
SPECIFICATION	Measuring Range Accuracy Power Supply
	0 to 1250 Watts Class 1.0 230V AC ± 10%, 50Hz
Note	Also available in 199.9 Watt Range 1 Relay on KW is available in WM-11

SINGLE PHASE POWER FACTOR METER



MODEL	PF-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Input Signal
SPECIFICATION	Accuracy Power Supply
	1Ø 2 Wire, 230V AC, 50Hz, 5A AC Class 1.0 230V AC ±10%, 50Hz

PROTECTION DEVICE - 3 PHASE



MODEL	MPD-9611A	MPD-9611
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
INPUT		
Input Signal	3Ø 4 Wire	3Ø 4 Wire
Voltage		0 - 415V AC (P-P)
Current	5 - 2000A	5 - 2000A
PARAMETER		
	Over Current, Under Current, Single Phase Unbalance, Short Circuit, Lock Rotor Point	Over Current, Under Current, Single Phase, Unbalance, Short Circuit, Lock Rotor Point, Over Voltage, Under Voltage
SPECIFICATION		
Accuracy	Class 1.0	
Power Supply	230V AC ± 10%, 50Hz	

SINGLE PHASE - CURRENT CONTROLLER



MODEL	CC-9611	CC-9612
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
INPUT		
Input Signal	1Ø 2Wire	
Current	5 - 1600A	
PARAMETER		
Tripping Facility	High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable)	
Accuracy	±1% of FSD	
Power Supply	100-250V AC , 50/60 Hz, SMPS	

MULTI FUNCTION METER

With RS-485 MODBUS



MODEL	AVH-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	
Input Signal	3Ø 3 Wire / 3Ø 4Wire
Voltage	300V AC (L-N) / 520V AC (P-P)
Current	5/5A to 6000/5A CT Ratio Selectable
PARAMETER	
Voltage (L-L)	50 - 500V AC
Voltage (L-N)	30 - 300V AC
Current (~A)	5/5A to 6000/5A CT Ratio Selectable
KW Total	0.000 - 9999 KW
KW Per Phase	0.000 - 9999 KW
KWH Total	000.000 - 999999 KWH
Power Factor Average (PF)	0.100 - 1.000
Power Factor per phase (PF)	0.100 - 1.000
KVA Total	0.000 - 9999 KVA
Frequency (Hz)	45 - 65 Hz
KVAr Total	0.000 - 9999 KVAr
Load hours	9999.59 Hrs/Min.
No load hours	9999.59 Hrs/Min.
RPM	1500 RPM
COMMUNICATION	
	RS-485 MODBUS (Optional)
SPECIFICATION	
Accuracy	Class 1.0
Power Supply	230V AC ±10%, 50Hz

EARTH TO NEUTRAL VOLTAGE



EARTH TO LEAKAGE RELAY



MODEL	ENV-9611	ELR-9611
Dimension (HxWxD) mm	96 X 96 X 52	96 X 96 X 52
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	Input Voltage	0 To 10V AC
	Range	00.00 To 10.00 Ac AMP
OUTPUT	1 Relay 1 C/O contact 230V AC, 5A	1 Relay (NO-C-NC) 5A, 230V AC (resistive load)
SPECIFICATION	Accuracy	Class 0.5
	Power Supply	100 to 250V AC, 50/60 Hz, Approx 4VA
	Note	RS-485 MODBUS available as per request
		RS-485 MODBUS available as per request,

OTHER PRODUCTS

PRODUCT MODEL	DESCRIPTION
FPI-1000	Flame Proof Indicator Input: Temperature sensor/ Analog type / Proximity sensor
LRO-9611	LRO Controller For Hydraulic Shearing Machine Size: 96x96x55 mm- Panel mount Input: Limit switch(230V AC Pulse), Counter switch (230V AC Pulse) Output: R1 for Rack Down, R2 for Rack Up to set Rack Angle, R3 for Counter
DRO-9611	DRO Controller For Hydraulic Shearing Machine Size: 96x96x55 mm- Panel mount Input: Bi-Directional NPN Encoder, 230V AC Pulse for Home position & lock reading Output: 2 Relay,230V AC @ 5Amp For Forward & Reverse Motor

CERTIFICATE

OCV
Certificate of Compliance
 RoHS Directive 2014/55/EU: Low Voltage & Directive 93/42/EEC: Medical Devices of The European Parliament restriction of use certain Hazardous Substances in Electrical & Electronic Equipments

MISTURA TECHNOLOGIES
 WORKS- 189, VISHALA INDUSTRIAL ESTATE, KATHWADA GIDC, S. P. RING ROAD, ODHAV, AHMEDABAD-382415 GUJARAT, INDIA.
 BRANCH- B-20, VIP NAGAR, MODHERA ROAD, MEHSANA, GUJARAT, INDIA.

PRODUCTS: TEMPERATURE CONTROLLER, ENERGY METER, MULTI FUNCTION METER, POWER FACTOR METER, WALL METER, MOTOR PROTECTION DEVICE, DIGITAL SCANNER, LENGTH COUNTER, COUNT TOTALIZER, TIME TOTALIZER, RPM METER, UNIVERSAL DIGITAL TIMER, MULTI FUNCTION TIMER, ELECTRONICS HOOPER, TIMER, COUNTER, PID CONTROLLER, VOLT & AMPERE METER, FLOW RATE TOTALIZER, BATCH CONTROLLER, PHASE SEQUENCE RELAY, PROCESS CONTROLLER, TDS CONTROLLER, AC DRIVE, VFD-VARIABLE FREQUENCY DRIVE, PLC, IML, SERVO DRIVE AND AUTOMATIC HAND SANITIZER DISPENSER

This is to state that the above mentioned product is in compliance with RoHS Directive 2014/55/EU Low Voltage, Directive 93/42/EEC: Medical Devices on the restriction of use of certain hazardous substances (and Pb, Mercury, Cd, Cadmium Oxide, Hexavalent Chromium (Cr6+), Polychlorinated Biphenyls (PCBs) and Polychlorinated Diphenyl ethers (PCDFs) in Electrical and Electronic Equipments.

Statement: This certificate declares that the product type/mods described above complies with the mentioned above European standard (s)

Remark: This certificate of compliance is based on the evaluation of a sample of the above mentioned products. It does not imply and assessment of the mass - production of the product. This certificate holder may use this certificate in connection with the test reports. The certification body should be informed (revision of technical file) for any modification or alterations made to the product type(s), including design and manufacturer and for extension to the scope of application.

Date of Certification : 30th Oct, 2020 2nd Surveillance Due : 29th Oct, 2022
 1st Surveillance Due: 29th Oct, 2021 Certificate Expiry Date: 29th Oct, 2023

Certificate Number : ROHS/301020017
 Validity of this certificate can be verified at www.occert.com

Optimum Certifications Inc.
 Validity of this Certificate is successful Annual Surveillance audits to be done. This certificate is the property of Optimum Certifications Inc. and shall be returned immediately upon request
 Optimum Certifications Inc. is Accredited by UKAS (www.ukas.org.uk)
 Suite 19, Regent Court, 70 West Regent Street, Glasgow, Scotland, G2 2JZ

TCCPL
Certificate of Registration

This is to certify that
MISTURA TECHNOLOGIES
 189, Vishala Industrial Estate, Kathwada GIDC, S. P. Ring Road, Odhav, Ahmedabad-382415 (Gujarat) INDIA
 has been assessed and registered by TCCPL, as conforming to the requirements of

ISO 9001:2015
[Quality Management System]

The Quality Management System is applicable to:
 TEMPERATURE CONTROLLER, ENERGY METER, MULTI FUNCTION METER, POWER FACTOR METER, WALL METER, MOTOR PROTECTION DEVICE, DIGITAL SCANNER, LENGTH COUNTER, COUNT TOTALIZER, TIME TOTALIZER, RPM METER, UNIVERSAL DIGITAL TIMER, MULTI FUNCTION TIMER, ELECTRONICS HOOPER, TIMER, COUNTER, PID CONTROLLER, VOLT & AMPERE METER, FLOW RATE TOTALIZER, BATCH CONTROLLER, PHASE SEQUENCE RELAY, PROCESS CONTROLLER, TDS CONTROLLER, AC DRIVE, VFD- VARIABLE FREQUENCY DRIVE, PLC, IML, SERVO DRIVE AND AUTOMATIC HAND SANITIZER DISPENSER.

Certificate No: Q-911407208 Certificate Issue Date: 14-07-2020 | Next Audit Before: 13-07-2021
 Surveillance Due Before: 13-07-2022 | Re-certification Due Date: 13-07-2023

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OCV
Certificate of Compliance
 We hereby declare that the technical file of:
Manufacturer :
MISTURA TECHNOLOGIES
 WORKS- 189, VISHALA INDUSTRIAL ESTATE, KATHWADA GIDC, S. P. RING ROAD, ODHAV, AHMEDABAD-382415 GUJARAT, INDIA.
 BRANCH- B-20, VIP NAGAR, MODHERA ROAD, MEHSANA, GUJARAT, INDIA.

Has been assessed by Optimum Certifications Inc. and found to be in compliance with meeting the requirements of:
 Directive 93/42/EEC: Medical Devices, Directive 2014/35/EU: Low Voltage

The certificate refers to above & covers the following products:
 TEMPERATURE CONTROLLER, ENERGY METER, MULTI FUNCTION METER, POWER FACTOR METER, WALL METER, MOTOR PROTECTION DEVICE, DIGITAL SCANNER, LENGTH COUNTER, COUNT TOTALIZER, TIME TOTALIZER, RPM METER, UNIVERSAL DIGITAL TIMER, MULTI FUNCTION TIMER, ELECTRONICS HOOPER, TIMER, COUNTER, PID CONTROLLER, VOLT & AMPERE METER, FLOW RATE TOTALIZER, BATCH CONTROLLER, PHASE SEQUENCE RELAY, PROCESS CONTROLLER, TDS CONTROLLER, AC DRIVE, VFD-VARIABLE FREQUENCY DRIVE, PLC, IML, SERVO DRIVE AND AUTOMATIC HAND SANITIZER DISPENSER

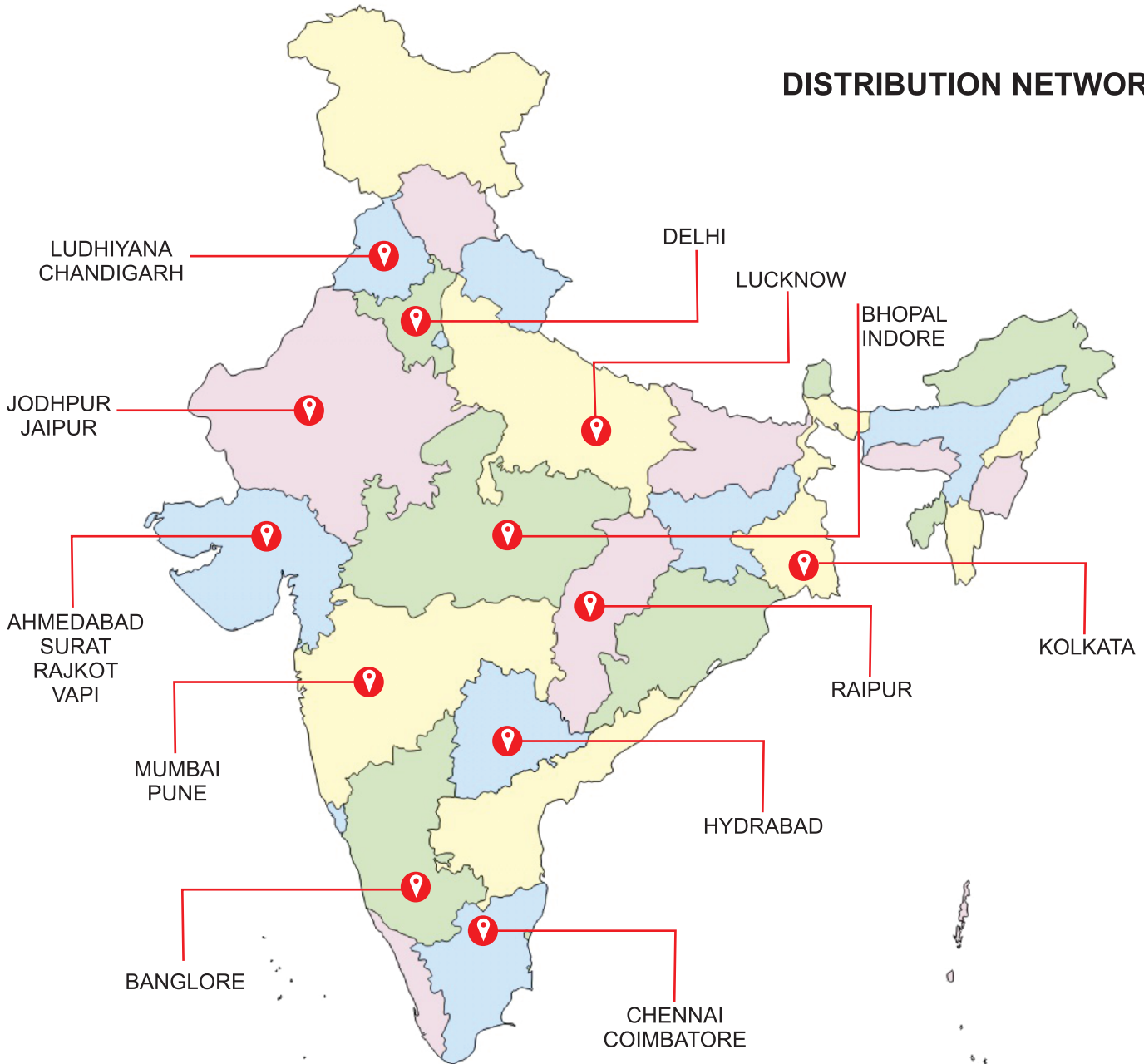
This certificate is issued under the following conditions:
 1. It applies to the product and cannot be extended to other unrelated models and it does not substitute the Judge or the manufacturer's judgement.
 2. The certificate holder shall bear the responsibility of the quality system as set design.
 3. The certificate holder is obligated to provide access to certificate holder.
 4. The CE mark on items shall not be used for the responsibility of the manufacturer after completion of EEC Declaration of Conformity and compliance with the relevant EEC Directives. The certificate holder is exempted from the scope of the mentioned product if they are not applicable to the product.

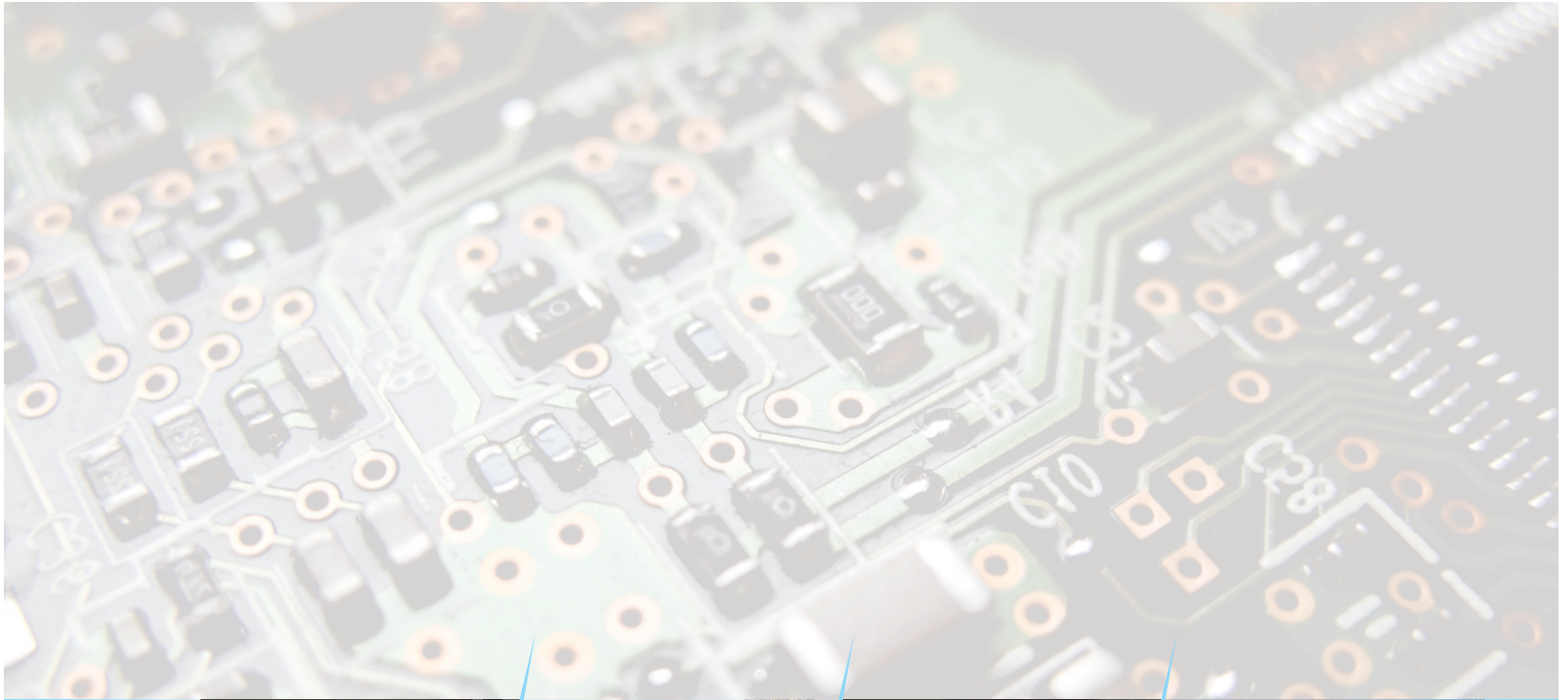
Date of Certification: 14th July 2020 2nd Surveillance Due: 13th July 2022
 1st Surveillance Due: 13th July 2021 Certificate Expiry Date: 13th July 2023

Certificate Number : CE/7214
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