



MRP Price List

with effect from

1st April 2025

TEMPERATURE CONTROLLERS

TEMPERATURE INDICATOR (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
TI-11	96 X 96 X 42	995	Fixed input : J,K,Pt-100 Supply : 100-270V AC
TI-21	72 X 72 X 60	995	
TI-31V	96 X 48 X 85	1130	
TI-41	48 X 48 X 70	995	
UTI-38	48 X 96 X 67	1060	Universal input : J,K,PT-100 Supply : 100-270V AC
Note : For R & S type input Extra on MRP		325	

HEATER INDICATOR (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
MHI-2024	72 X 72 X 75	965	4 zone heater indicator
MHI-2006	72 X 72 X 75	1725	6 zone heater indicator
MHI-2014	72 X 72 X 75	965	4 zone heater indicator with separate aux supply

BLIND TEMPERATURE CONTROLLER (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
MCO-1501	96 X 96 X 55	1070	Input : J type Output : 1 relay Control action : ON-OFF Supply : 230V AC
MCO-2501	72 X 72 X 75	1070	

TEMPERATURE CONTROLLER WITH KNOB (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
MDC-11	96 X 96 X 55	1540	Input : J/K/Pt-100(factory set) Output : 1 relay Control action : On-Off Supply : 230V AC
MDC-2911	72 X 72 X 75	1540	

PUSH TO SET TEMPERATURE CONTROLLER (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
MDC-1901	96 X 96 X 100	2070	Input : J/K/Pt-100(Factory Set) Output : 1 relay Control action : ON-OFF/TP (Factory set) Supply : 230V AC
MDC-2901	72 X 72 X 120	2070	

BLIND DIN RAIL PID CONTROLLER (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
UTC-1X(Master Module)	76 X 27 X 85	2100	Input : J/K/Pt-100(Configurable) Output : 2-Relay or SSR + RS-485 Modbus Control action : PID/TP/On-Off (Configurable) Supply : 24V DC
UTC-2X(Slave module)	76 X 27 X 85	2100	
TC-1X(Master Module)	76 X 27 X 85	1950	Input : J/K(Configurable) Output : 1Relay SSR + RS-485 Modbus Control action : PID/TP/On-Off (Configurable) Supply : 24V DC
TC-2X(Slave module)	76 X 27 X 85	1950	

COOLING CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
CC-510	37 X 78 X 70	1375	Input: NTC Sensor Output: 1Relay (10Amp),with auto defrost facility Supply: 230V AC OR 12V DC OR 24V DC
CC-510T	37 X 78 X 70	1450	
CC-520	37 X 78 X 70	1475	Input: NTC Sensor Output: 1Relay (20Amp),with auto defrost facility Supply: 230V AC OR 12V DC OR 24V DC
CC-520T	37 X 78 X 70	1550	
CC-552	37 X 78 X 70	2145	Input : NTC Sensor, Output : 2 Relay for Compressor Supply : 230V AC OR 12V DC OR 24V DC
CC-512	37 X 78 X 70	1815	Input : NTC Sensor, Output : 1Relay (10Amp)+ 1 Alarm relay, with auto defrost facility, Supply : 230V AC OR 12V DC OR 24V DC
CC-515	37 X 78 X 70	1870	Input : NTC Sensor, Output : 1Relay (10Amp)+ 1 Alarm Buzzer , with auto defrost facility, With Buzzer Supply : 230V AC OR 12V DC OR 24V DC
CC-522	37 X 78 X 70	2035	Input : NTC Sensor, Output : 1Relay (20Amp)+ 1 Alarm Relay , with auto defrost facility, With Buzzer Supply : 230V AC OR 12V DC OR 24V DC
CC-525	37 X 78 X 70	2090	Input : NTC Sensor, Output : 1Relay (20Amp)+ 1 Alarm Buzzer , with auto defrost facility, With Buzzer Supply : 230V AC OR 12V DC OR 24V DC
CC-521	37 X 78 X 70	2090	Input : NTC Sensor, Output : 1Relay (20Amp)+ 1 Relay for Heater , with auto defrost facility, Supply : 230V AC OR 12V DC OR 24V DC
CC-524	37 X 78 X 70	3050	Input : 2 NTC Sensor, Output : 3 Relay (Compressor + Defrost + Fan) Supply : 230V AC OR 12V DC OR 24V DC

SINGLE DISPLAY TEMPERATURE CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
TC-19	96 X 96 X 43	1430	Input : J/K/Pt-100(factory set), Output : 1 relay SSR,
TC-29	72 X 72 X 45	1430	Control action : On-off/Tp (Factory set), Supply : 100-270V AC
TC-49	48 X 48 X 70	1430	Input : J/K (Configurable), Pt-100(factory set), Output : 1 relay SSR, Control action : On-off/Tp (Configurable), Supply : 100-270V AC
TC-39H	48 X 96 X 75	1150	Input : J/K/Pt-100(factory set), Output : 1 relay, Control action : On-off/Tp (Factory set), Supply : 230V AC

SINGLE DISPLAY PID CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
TC-29P	72 X 72 X 45	1485	Input : J/Pt-100(factory set), Output : 1 relay SSR, Control action : PID/TP/On-off (Configurable), Supply : 230V AC
TC-49P	48 X 48 X 70	1485	Input : J/K (Configurable), Pt-100(factory set), Output : 1 relay SSR, Control action : PID/On-off (Configurable) Supply : 100-270V AC

SINGLE DISPLAY UNIVERSAL INPUT PID CONTROLLER - 3 DIGIT (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
UTC-413P	48 X 48 X 70	1645	Input : J/K/Pt-100(Configurable), Output : 1 relay SSR, Control action : PID/On-off (Configurable) Supply : 100-270V AC/DC

SINGLE DISPLAY UNIVERSAL INPUT PID CONTROLLER - 4 DIGIT (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
UTC-114	96 X 96 X 43	1690	Input : J/K/Pt-100(Configurable), Output : 1 relay SSR, Control action : PID/On-off (Configurable)
UTC-214	72 X 72 X 45	1690	Supply : 100-270V AC

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER SINGLE RELAY (3+3 DIGIT) (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
UTC-121P	96 X 96 X 43	1985	Input : J/K/Pt-100(Configurable), Output : 1 relay SSR,
UTC-221P	72 X 72 X 45	1985	Control action : PID/On-off (Configurable)
UTC-421P	48 X 48 X 70	1985	Supply : 100-270V AC

DOUBLE DISPLAY FIX INPUT PID CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
TC-221P	72 X 72 X 45	1800	Input : J Type Output : 1 relay SSR, Control action : PID/On-off (Configurable) Supply : 100-270V AC
TC-44	48 X 48 X 70	1800	Input : Pt-100 Output : 1 relay SSR, Control action : PID/On-off (Configurable) Supply : 100-270V AC
TC-421P	48 X 48 X 70	1800	Input : J/K (Configurable) Output : 1 relay SSR, Control action : PID/On-off (Configurable) Supply : 100-270V AC
TC-442	48 X 48 X 70	2195	Input : J /K (Configurable) Output 1 : 1 relay SSR, Output 2 : Relay/SSR(factory set) Control action : PID/TP/On-off (Configurable), Supply : 100-270V AC
TC-443	48 X 48 X 70	2580	Input : J /K (Configurable) Output : 3 Relay & SSR Parallel to 1st relay Control action : PID/TP/On-off (Configurable) Supply : 100-270V AC

20A Relay Possible in TC-421P	450
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DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER SINGLE RELAY (4+4 DIGIT), Multi input (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
UTC-121G+	96 X 96 X 54	2355	Input : J/K/Pt-100/R/S/T/N/B/E (Configurable), Output : 1 relay SSR,
UTC-221G+	72 X 72 X 85	2355	Control action : PID/On-off (Configurable)
UTC-421G+	48 X 48 X 95	2355	Supply : 100-270V AC

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER SINGLE RELAY (4+4 DIGIT) (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
UTC-121G	96 X 96 X 54	2255	Input : J/K/Pt-100(Configurable), Output : 1 relay SSR,
UTC-221G	72 X 72 X 85	2255	Control action : PID/On-off (Configurable)
UTC-321P	96 X 48X 85	2635	Supply : 100-270V AC

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER DOUBLE RELAY, Multi input (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
UTC-1202G+	96 X 96 X 54	2850	Input : J/K/Pt-100/R/S/T/N/B/E (Configurable), Output 1 : 1 relay SSR,
UTC-2202G+	72 X 72 X 85	2850	Output 2 : Relay/SSR(factory set)
UTC-4202G+	48 X 48 X 95	2850	Control action : PID/TP/On-off (Configurable), Supply : 100-270V AC/DC

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER DOUBLE RELAY (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
UTC-1202G	96 X 96 X 54	2755	Input : J/K/Pt-100(Configurable), Output 1 : 1 relay SSR,
UTC-2202G	72 X 72 X 85	2755	Output 2 : Relay/SSR(factory set)
UTC-3202	96 X 48X 85	3015	Control action : PID/TP/On-off (Configurable), Supply : 100-270V AC/DC

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER THREE RELAY (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
UTC-4203	48 X 48 X 95	2805	Input : J/K/Pt-100(Configurable), Output : 3 Relay
UTC-3203	96 X 48 X 85	3355	Control action : PID/TP/On-off (Configurable) Supply : 100-270V AC

UNIVERSAL INPUT PID CONTROLLER WITH ANALOG OUTPUT & MODBUS FACILITY (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
PTC-1202	96 X 96 X 54	4195	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay , With 24V DC transmitter supply, Supply : 100-270V AC
PTC-1202A	96 X 96 X 54	4695	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set), With 24V DC transmitter supply Supply : 100-270V AC
PTC-1202-M1	96 X 96 X 54	5095	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay+ Rs-485 Modbus , With 24V DC transmitter supply Supply : 100-270V AC

PTC-1202A-M1	96 X 96 X 54	5720	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set) + RS-485 Modbus, With 24V DC transmitter supply Supply : 100-270V AC
PTC-382	48 X 96 X 75	3405	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay , With 24V DC transmitter supply Supply : 100-270V AC
PTC-382A	48 X 96 X 75	3545	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set), With 24V DC transmitter supply Supply : 100-270V AC
PTC-382-M1	48 X 96 X 75	4420	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay+ Rs-485 Modbus , With 24V DC transmitter supply Supply : 100-270V AC
PTC-382A-M1	48 X 96 X 75	4545	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set) + RS-485 Modbus, With 24V DC transmitter supply Supply : 100 -270V AC
PTC-352 (5 Digit)	48 X 96 X 75	4860	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA /0-10V DC, Output : 2 Relay , With 24V DC transmitter supply Supply : 100-270V AC
PTC-352A (5 Digit)	48 X 96 X 75	5710	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set), With 24V DC transmitter supply Supply : 100-270V AC
PTC-352-M1 (5 Digit)	48 X 96 X 75	5910	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC, Output : 2 Relay+ Rs-485 Modbus , With 24V DC transmitter supply Supply : 100-270V AC
PTC-352A-M1 (5 Digit)	48 X 96 X 75	6760	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set) + RS-485 Modbus, With 24V DC transmitter supply Supply : 100 -270V AC
PTC-4202	48 X 48 X 95	3405	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay , With 24V DC transmitter supply Supply : 100-270V AC
PTC-4202A	48 X 48 X 95	3545	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set), With 24V DC transmitter supply Supply : 100-270V AC
PTC-4202-M1	48 X 48 X 111	4420	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay+ Rs-485 Modbus , With 24V DC transmitter supply Supply : 100-270V AC
PTC-4202A-M1	48 X 48 X 111	4545	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 2 Relay + 4-20mA/0-10V DC (Factory set) + RS-485 Modbus, With 24V DC transmitter supply Supply : 100 -270V AC

PTC-4201-M1	48 X 48 X 95	3775	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC, Output : 1 Relay+ Rs-485 Modbus , With 24V DC transmitter supply Supply : 100-270V AC
UTC-4201A	48 X 48 X 95	2020	Input : J/K/PT-100 Output : 1 Relay + 4-20mA/0-10V DC (Factory set), Supply : 100-270V AC

PID CONTROLLER WITH AMPERE INDICATION (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
PID-2302-1C	72X 72 X 85	2750	Input : J/K(Configurable), Output : 2 Relay Control action : PID/TP/On-off (Cofigurable), With 30A/60A Single CT Supply : 100-270V AC
PID-2303-1C	72X 72 X 85	3050	Input : J/K(Configurable), Output : 3 Relay Control action : PID/TP/On-off (Cofigurable), With 30A/60A Single CT Supply : 100-270V AC
PID-2303-3C	72X 72 X 85	3750	Input : J/K(Configurable), Output : 3 Relay Control action : PID/TP/On-off (Configurable), With 30A/60A Three CT Supply : 100 -270V AC
RTC-4201-1C	48 X 48 X 95	4750	Input : J/K(Configurable), Output : 1 Relay Control action : PID/TP/On-off (Cofigurable), With 30A/60A Single CT Supply : 100-270V AC
PID-4203-1C	48 X 48 X 95	5250	Input : J/K/Pt-100(Configurable), Output : 3 Relay Control action : PID/TP/On-off (Cofigurable), With 30A/60A Single CT Supply : 100-270V AC
Optional RS-485 In PID-2303 Available		1050	

PROFILE CONTROLLER (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
PRC-1202	96 X 96 X 110	6640	Input : J/K/Pt-100(Factory set) , Output : 1 relay for Heating With Ramp & Soak time setting upto 9 stage + 1 relay for End Alarm, Control Action : On-Off Supply : 100-250V AC

HUMIDITY INDICATOR WITH ALARM OUTPUT (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
MHT-1202+RH-100	96 X 96 X 54	4575	Input: Pt-100 + Humidity sensor (RH-100) Output : 1R For temperature + 1R For Humidity Supply : 100-270V AC
MHT-1202+RH-85	96 X 96 X 54	4375	Input: Pt-100 + Humidity sensor (RH-85) Output : 1R For temperature + 1R For Humidity Supply : 100-270V AC
RHC-1202+RH-100	96 X 96 X 54	4425	Input : Humidity sensor (RH-100) Output : 2R For Humidity Supply : 100-270V AC
MHC-1101+RH-100	96 X 96 X 54	4175	Input: Humidity sensor (RH-100) Output : 1Relay Supply : 100-270V AC
MHC-1101+RH-85	96 X 96 X 54	3975	Input: Humidity sensor (RH-85) Output : 1Relay Supply : 100-270V AC
MHC-512+RH-100	37 X 78 X 70	3365	Input : Humidity sensor (RH-100) Output : 2R For Humidity Supply : 100-270V AC
MHC-512+RH-85	37 X 78 X 70	3175	Input : Humidity sensor (RH-100) Output : 2R For Humidity Supply : 100-270V AC
RS-485 Modbus Output Available in MHT-1202 & RHC-1202		1050	

DUAL INPUT INDICATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
DPI-122	96 X 96 X 54	3440	Input 1: 4-20mA DC/0-20mA DC/0-10V DC /Pt-100(Factory set),
Options : 1 Relay Output		725	Input 2: 4-20mA DC/0-20mA DC/0-10V DC /Pt-100(Factory set) ,
24V DC Transmitter supply @30mA		725	Supply : 100-270V AC
DPI-1824	96 X 96 X 54	5515	Dual Input : 4-20mA DC/0-20mA DC/0-10V DC /J/K /Pt-100(Selectable)
Options : Additional 2 Relay Output		1450	Output : 2 Relay +24V DC Transmitter supply
Dual Retransmission Output		1700	Supply : 100-270V AC

PROCESS CONTROL INSTRUMENTS

PROCESS INDICATOR (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
PI-11	96 x 96 x 43	1480	Range : -999 to 9999, Input : 4-20mA/0-20mA/0-10V DC (Selectable), Supply : 100 -270V AC
PI-21	72 x 72 x 45	1480	
PI-38	48 x 96 x 26	1710	
PI-41	48 x 48 x 46	1480	
PI-54	38 x 62 x 63	2915	

PROCESS INDICATOR WITH ALARM OUTPUT (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
PIC-1101	96 x 96 x 54	2830	Range : -999 to 9999, Input : 4-20mA/0-20mA/0-10V DC (Selectable), Output : 1 Relay + 24V DC Transmitter supply Supply : 100 -270V AC
PIC-38	48 x 96 x 71	2795	
Options : Additional 1 Relay (PIC-1102)		725	
Retransmission output available in PIC-1101		850	
PIC-4202	48 x 48 x 95	3450	Range : -999 to 9999, Input : 4-20mA/0-20mA/0-10V DC (Selectable), Output : 2 Relay + 24V DC Transmitter supply Supply : 100 -270V AC

Fault Annunciator (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
FLT-L16	96 X 96 X 54	13150	Touch Screen Display Input : 16 Microswitch (NO or NC Selectable) Output : 2 Relay Supply : 100 - 270V AC/DC or 20 - 36V DC
FLT-L08	96 X 96 X 54	6200	Touch Screen Display Input : 8 Microswitch (NO or NC Selectable) Output : 2 Relay Supply : 100 - 270V AC/DC or 20 - 36V DC
FLT-L04	96 X 96 X 54	3900	Touch Screen Display Input : 4 Microswitch (NO or NC Selectable) Output : 2 Relay Supply : 100 - 270V AC/DC or 20 - 36V DC

LOOP POWERED TRANSMITTER (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
LPT-45	Diameter : 45mm	1700	Input : J/K/Pt-100 (Factory set), Output : 4-20mA, Head Mounting Supply : 24V DC Loop Powered
LPT-63	76 x 27 x 116	2075	Input : J/KPt-100 (factory set) Output : 4-20mA,Din rail Supply : 24V DC Loop Powered

SYNCHRONIZER UNIT (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
SN-126 -4	75 x 45 x 110	4140	Input : 3 Wire 10K Pot, Output : 0 to 10V DC (Up to 6 Channel), Supply : 230V AC
SN-126-5	75 x 45 x 110	4940	
SN-126 -6	75 x 45 x 110	6340	

LOAD CELL INDICATOR WITH RELAY OUTPUT (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
LD-1252	96 x 96 x 54	4540	Input : 2mV/V, Excitation Voltage : 10V DC , Output : 1 Relay, Supply : 100 -270V AC
Options : Additional 1 Relay		725	
Retransmission Output		850	
RS-485 Modbus		1050	

SIGNAL ISOLATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
MI-431	100 x 12.5 x 115	3140	Input : 4-20mA/0-20mA/0-10V DC (Factory set) Output : 4-20mA/0-20mA/0-10V DC (Single Channel), with Transmitter Supply 24V DC Supply : 100-270V AC OR 24V DC
MI-532	100 x 17.5 x 115	3950	Input : 4-20mA/0-20mA/0-10V DC (Factory set) Output : 4-20mA/0-20mA/0-10V DC (Dual Channel), with Transmitter Supply 24V DC Supply : 100-270V AC OR 24V DC
MI-532P	100 x 17.5 x 115	4550	Input : Pt-100, Range : Factory Set Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC OR 24V DC
MI-631	76 x 27 x 85	2120	Input : 4-20mA/0-20mA/0-10V DC (Factory set) Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC OR 24V DC
MI-632	76 x 27 x 85	2405	Input : 4-20mA/0-20mA/0-10V DC (Factory set) Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC OR 24V DC
MI-631P	76 x 27 x 85	2695	Input : Pt-100, Range : Factory Set Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC OR 24V DC
MI-631T	76 x 27 x 85	2520	Input : J/k (Factory set), Range : Factory Set Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC OR 24V DC
MI-632T	76 x 27 x 85	2895	Input : J/k (Factory set), Range : Factory Set Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC OR 24V DC

CURRENT TRANSDUCER & VOLTAGE TRANSDUCER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
CTR-63	76 x 27 x 85	2685	Input : 0-5A AC /0-1A AC Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC OR 24V DC
CTR-632	76 x 27 x 85	3105	Input : 0-5A AC /0-1A AC Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC OR 24V DC
VTR-63	76 x 27 x 85	2995	Input : AC Voltage Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC OR 24V DC
VTR-632	76 x 27 x 85	3340	Input : AC Voltage Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC OR 24V DC

FLOW TOTALISER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
MFC-1058	96 x 96 x 54	6840	Range : 8D Total flow , 5D Flow rate
Options : Additional 1 Relay		725	Input : 4-20mA,
Retransmission Output		850	Output : 1 relay+24V DC Transmitter supply,
RS-485 Modbus		1050	Supply : 100 -270V AC
MFC-1058P	96 x 96 x 54	6840	Range : 8D Total flow , 5D Flow rate
Options : Additional 1 Relay		725	Input : Pulse
Retransmission Output		850	Output : 1 relay+24V DC Transmitter supply,
RS-485 Modbus		1050	Supply : 100 -270V AC
MFC-3086P	48 x 96 x 65	6840	Range : 8D Total flow , 6D Flow rate
Options: RS-485 Modbus		1050	Input : Pulse
Retransmission Output		850	Output : 1 relay+24V DC Transmitter supply,
			Supply : 100 -270V AC

MULTI MODE PROCESS INDICATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
SPI-421 (1 Mode)	48 X 48 X 70	5335	Range : -999 to 9999,
SPI-424 (4 Mode)	48 X 48 X 70	5775	Input : 4-20mA/0-20mA/0-10V DC (Selectable),
SPI-427 (7 Mode)	48 X 48 X 70	6410	Supply : 100 -270V AC
Note : Auxiliary supply 24V DC Available in selected model		450	

PROCESS SCANNER & DATA LOGGER - 8 Channel (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
MS-1208	96 x 96 x 54	4940	Input : J/K/Pt-100 (Selectable) Supply : 100-270V AC
MS-1208A	96 x 96 x 54	4940	Input : 4-20mA/0-20mA/0-10V DC(Selectable) Supply : 100-270V AC
MS-1208-M1	96 x 96 x 54	6335	Input : J/K/Pt-100 (Selectable), Output : RS-485 Modbus Supply : 100-270V AC
MS-1208A-M1	96 x 96 x 54	6335	Input : 4-20mA/0-20mA/0-10V DC(Selectable), Output : RS-485 Modbus Supply : 100-270V AC
MS-1248	96 x 96 x 66	11840	Input : J/K/Pt-100 (Selectable) Output : 4 Relay Supply : 100-270V AC
MS-1248-M1	96 x 96 x 66	13865	Input : J/K/Pt-100 (Selectable) Output : 4 Relay + RS-485 Modbus Supply : 100-270V AC/DC
MS-1248U	96 x 96 x 66	17840	Input : J/K/Pt-100 (Selectable) Output : 4 Relay + USB Port Supply : 100-270V AC
MS-1248U-M1	96 x 96 x 66	18310	Input : J/K/Pt-100 (Selectable) Output : 4 Relay + USB Port+RS-485 Modbus Supply : 100-270V AC
MSU-1248	96 x 96 x 66	18440	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay Supply : 100-270V AC
MSU-1248-M1	96 x 96 x 66	20215	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay +Modbus Supply : 100-270V AC/DC
MSU-1248U	96 x 96 x 66	23795	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay +USB Port Supply : 100-270V AC
MSU-1248U-M1	96 x 96 x 66	26595	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay +USB Port+ MODBUS Supply : 100-270V AC/DC
MS-L14 (Touch Screen)	96 x 96 x 66	13695	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay Supply : 20-36V DC
MS-L14-M1 (Touch Screen)	96 x 96 x 66	14745	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay + MODBUS Supply : 20-36V DC

PROCESS SCANNER & DATA LOGGER - 16 CHANNEL (HSN - 90303390)			
MS-5716	192 x 96 x 168	17885	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Supply : 100-270V AC/DC
MS-5716R	192 x 96 x 168	23590	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : 8 relay Supply : 100-270V AC/DC
MS-5716-M1	192 x 96 x 168	20905	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : RS-485Modbus Supply : 100-250V AC
MS-5716U	192 x 96 x 168	23490	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : USB Port Supply : 100-250V AC
MS-5716U-M1	192 x 96 x 168	28640	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : USB Port+RS-485 Modbus Supply : 100-270V AC
MS-5716RU	192 x 96 x 168	28340	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : 8 relay+ USB Port Supply : 100-270V AC
MS-5716R-M1	192 x 96 x 168	27740	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : 8 relay + RS-485 Modbus Supply : 100-270V AC/DC
MS-5716RU-M1	192 x 96 x 168	29080	Input : J/K/Pt-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : 8 relay + RS-485 Modbus + USB Port Supply : 100-270V AC
Note : Aux Supply 24V DC option available in All Scanner model		1300	

PROCESS SCANNER & DATA LOGGER - 4 CHANNEL (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
MSU-1244	96 x 96 x 66	13305	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay Supply : 100-270V AC
MSU-1244-M1	96 x 96 x 66	14825	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay +Modbus Supply : 100-270V AC
MSU-1244U	96 x 96 x 66	16980	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay +USB Port Supply : 100-270V AC
MSU-1244U-M1	96 x 96 x 66	18500	Input : J/K/Pt-100/4-20mA/0-10V DC/0-20mA (Selectable) Output : 4 Relay +USB Port+Modbus Supply : 100-270V AC

JUMBO DISPLAYS

JUMBO DISPLAY TEMPERATURE INDICATOR (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
UTI-3004 (Single Side)	130 X 235 X 55	6390	Input : J/K/Pt-100 (Selectable), Display : 2.25 Inch,4 Digit Supply : 100-270V AC
UTI-3004 (Dual Side)	130 X 235 X 75	7940	
UTI-6004 (Single Side)	160 X 380 X 55	7740	Input : J/K/Pt-100 (Selectable), Display : 4 Inch,4 Digit Supply : 100-270V AC
UTI-6004 (Dual Side)	160 X 380 X 75	11790	
Option : Additional 1 Relay		725	

JUMBO DISPLAY PROGRAMMABLE TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
UTR-6004 (Single Side)	160 X 380 X 55	9540	Range : 0-9999 Sec/Min/Hour Selectable, OnDelay/Off Delay/Cyclic Timer Output : 1R2C/O, Supply : 100-270V AC
UTR-6004 (Dual Side)	160 X 380 X 75	13840	

JUMBO DISPLAY PROCESS INDICATOR (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
PIC-3004A (Single Side)	130 X 235 X 55	7340	Input : 4-20mA/0-10VDC/0-20mA(Selectable) Display : 2.25 Inch,4 Digit Supply : 100-270V AC
PIC-3004A (Dual Side)	130 X 235 X 75	9240	
PIC-6004A (Single Side)	160 X 380 X 55	10015	Input : 4-20mA/0-10VDC/0-20mA(Selectable) Transmitter supply : 24V DC Display : 4 Inch,4 Digit Supply : 100-270V AC
PIC-6004A (Dual Side)	160 X 380 X 75	13540	
PTC-8004A(Single Side)	325 x 650 x 50	27140	Input : 4-20mA/0-10VDC/0-20mA/J/K/PT-100(Selectable),With 24V DC Transmitter supply Display : 8 Inch,4 Digit Supply : 100-270V AC
PTC-6004A(Single Side)	160 X 380 X 55	12040	Input : 4-20mA/0-10VDC/0-20mA/J/K/PT-100(Selectable), Display : 4 Inch,4 Digit Supply : 100-270V AC
PTC-6004A (Dual Side)	160 X 380 X 75	15240	
Options: Additional 2 relay		1450	

JUMBO DISPLAY MPM INDICATOR - ENCODER INPUT (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MSI-3004 (Single Side)	130 X 235 X 55	8840	Input : NPN/PNP Encoder Display : 2.25 Inch,4 Digit Parameter : MPM Supply : 100-270V AC
MSI-3004 (Dual Side)	130 X 235 X 75	10740	
MSI-6004 (Single Side)	160 X 380 X 55	12240	Input : NPN/PNP Encoder Display : 4 Inch,4 Digit Parameter : MPM Supply : 100-270V AC
MSI-6004 (Dual Side)	160 X 380 X 75	15340	

JUMBO DISPLAY PROGRAMMABLE LENGTH COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
LC-9004(Single Side)	160 X 375 X 55	23940	Range : 6 Digit Total length, 4 Digit MPM Input Proximity (NPN/PNP), Diameter Selectable
LC-9004(Dual Side)	160 X 375 X 55	32390	Output : 1R On Total length, Double Display (2.25 Inch Each)
Option : RS-485 Modbus Output		2000	Supply : 100-250V AC

JUMBO DISPLAY PROGRAMMABLE COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
PC-3004 (Single Side)	130 X 235 X 55	7715	Input : NPN/PNP Proximity/Microswitch(Selectable), Display : 2.25 Inch,4 Digit Parameter : Counter Supply : 100-270V AC
PC-3004 (Dual Side)	130 X 235 X 75	9615	
PC-6004 (Single Side)	160 X 380 X 55	13215	Input : NPN/PNP Proximity/Microswitch(Selectable), Display : 4 Inch,4 Digit Parameter : Counter Supply : 100-270V AC
PC-6004 (Dual Side)	160 X 380 X 75	15640	
PC-6006 (Single Side)	165 X 570 X 55	19240	Input : NPN/PNP Proximity/Microswitch(Selectable), Display : 4 Inch,6 Digit Parameter : Counter Supply : 100-270V AC
Options: Additional 1 relay		725	

JUMBO DISPLAY HUMIDITY + TEMPERATURE CONTROLLER (HSN - 90328910)

Model	Size (H X W X D)mm	MRP	Item Description
MHT-9044	160 X 375 X 55	27590	Input: Pt-100+ RH sensor Output : 1R For temperature + 1R For Humidity Double Display (2.25 Inch Each) Supply : 100-270V AC

JUMBO DISPLAY MPM & RPM INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MPM-3004/RPM-3004 (Single Side)	130 X 235 X 55	9040	Input : NPN/PNP Proximity/Microswitch(Selectable) Display : 2.25 Inch,4 Digit Parameter : MPM/RPM Supply : 100-270V AC
MPM-3004/RPM-3004 (Dual Side)	130 X 235 X 75	10740	
MPM-6004/RPM-6004(Single Side)	160 X 380 X 55	10440	Input : NPN/PNP Proximity/Microswitch(Selectable), Display : 4 Inch,4 Digit Parameter : MPM/RPM Supply : 100-270V AC
MPM-6004/RPM-6004 (Dual Side)	160 X 380 X 75	14215	

JUMBO DISPLAY INDICATOR - MODBUS INPUT (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
RS-8004 (Single Side)	330 x 823 x 55	30640	Input : RS-485 MODBUS Display : 8 Inch,4 Digit Supply : 100-270V AC
RS-6004 (Single Side)	160 X 380 X 55	13340	Input : RS-485 MODBUS Display : 4 Inch,4 Digit Supply : 100-270V AC
RS-6004 (Dual Side)	160 X 380 X 75	16640	Input : RS-485 MODBUS Display : 4 Inch,4 Digit Supply : 100-270V AC
RS-6006 (Single Side)	165 X 570 X 55	18590	Input : RS-485 MODBUS Display : 4 Inch,6 Digit Supply : 100-270V AC
Note : 24V DC Aux.Supply Available in All Jumbo Display		1050	

PROGRAMMABLE TIMERS

TIME TOTALISER / HOUR METER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
DTT-1000	96 X 96 X 43	1360	6 Digit Display, Range : 0-9999.59 Hour/Min/Sec Input : 230V AC enable pulse Supply : 230V AC
DTT-2000	72 X 72 X 36	1360	
DTT-3000	48 X 96 X 26	1360	
DTT-4000	48 X 48 X 95	4240	
DTT-56G	36 X 62 X 63	1360	
DTT-5000	36 X 72 X 72	1360	

THUMBWHEEL 3 DIGIT TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
MDT-3300	96 X 48 X 85	2040	Range:0-.99/9.9/99/9.99/99.9/999 Sec/Min (factory set), Output : 1R2C/O, Supply : 230V AC
MDT-1300ST	96 X 96 X 54	2040	
MDT-2300ST	72 X 72 X 45	2040	

THUMBWHEEL 3 DIGIT TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
MDT-1310	96 X 96 X 50	1815	Range : 99.9/999 Sec/Min Selectable , On delay Timer Output : 1R2C/O, Supply : 230V AC
MDT-2312	72 X 72 X 45	1815	

THUMBWHEEL 3 DIGIT TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
MDT-1310F	96 X 96 X 50	1935	Range : 9.99/99.9/999 Sec/Min/Hour Selectable On delay Timer/Off delay timer Output : 1R2C/O, Supply : 100 -270V AC
MDT-2312F	72 X 72 X 45	1935	
MDT-4310	48 X 48 X 100	1715	

UNIVERSAL RANGE DIGITAL TIMERS (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
UTR-1033	96 X 96 X 43	1985	Range : 0-999 Sec/Min/Hour Selectable, OnDelay/Off Delay/Cyclic Timer Output : 1R2C/O, Supply : 100-270V AC
UTR-2033	72 X 72 X 45	1985	
UTR-433	48 X 48 X 70	1985	
UTR-1244	96 X 96 X 54	2750	Range : 0-9999 Sec/Min/Hour Selectable, Combinational /Sequential/Cyclic/Laundry Timer Output : 2R1C/O, Supply : 100-270V AC
UTR-2244	72 X 72 X 45	2750	
UTR-4244	48 X 48 X 70	2750	
CTU-4244	48 X 48 X 70	3430	Range : 0-999 Sec/Min/Hour Selectable, 0-9999Count, Output : 2R1C/O, Supply100-270V AC
UTR-413	48 X 48 X 70	1550	Range : 0-999 Sec/Min/Hour Selectable, Single Display , OnDelay/Off Delay/Cyclic Timer Output : 1R2C/O, Supply100-270V AC

SEQUENTIAL TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
SQT-1244	96 X 96 X 54	8065	12 Channel Sequential timer, Output : 12 Relay, Supply : 100-270V AC
SQT-1044		5370	8 Channel Sequential timer, Output : 8 Relay, With Cascade Facility Supply : 100-270V AC
SQT-1022		3020	4 Channel Sequential timer, Output : 4 Relay, Supply : 100-270V AC
CMT-1044		5665	8 Channel Combinational timer, Output : 8 Relay, Supply : 100-270V AC
CMT-1022		3340	4 Channel Combinational timer, Output : 4 Relay, Supply : 100-270V AC

DIN RAIL DISPLAY TIMER / ANALOG TIMER (HSN - 85369090)			
Model	Size (H X W X D)mm	MRP	Item Description
DI-22 On-Off Delay timer	90 X 22.5 X 72	835	Range : 0.1 Second to 10 Hours (Selectable) Output : 1R1C/O Supply : 230V AC & 24V DC
DI-22U On-Off Delay timer		1230	Range : 0.1 Second to 10 Hours (Selectable) Output : 1R2C/O Supply : 12 to 240V DC & 20 to 240V AC
FRT-22U Forward - Reverse timer		1225	Range : 0.1 Second to 10 Hours (Selectable) Output : 2R1C/O Supply : 12 to 240V DC & 20 to 240V AC
CYL-22U Cyclic timer	90 X 22.5 X 72	1250	Range : 0.1 Second to 10 Hours (Selectable) Output : 1R2C/O Supply : 12 to 240V DC & 20 to 240V AC
DT-10S/30s/60S		750	Range : 10S/30S/60S Output : 1R1C/O
DT-10S-4/30s-4/60S-4		925	Supply : 230V AC/415V AC
SDX-22		985	Range : 1 Sec To 60 Sec Output : 2R1C/O
SD-22 Star-Delta timer		885	Supply : 415V AC/230V AC
POD-30S Power Off Delay timer		2450	Range : 1 Sec To 360 Sec Output : 1R2C/O Supply : 100-270V AC
UTR-35		1100	3+3 Digit White Led Display Range : 0-999 Sec/Min/Hour Selectable, OnDelay/Off Delay/Cyclic Timer Output : 1R2C/O, Supply : 100-270V AC
MDT-17U (Multi program Timer)	90 X 17.5 X 62	1085	Range : 0.1 Sec to 3 Hours Mode : 10 Program Supply : 12 to 240V DC & 20 to 240V AC

PROGAMMABLE COUNTERS

COUNTER TOTALISER (HSN - 902910910)

Model	Size (H X W X D)mm	MRP	Item Description
CT-1000	96 X 96 X 40	1360	Range : 0 - 999999Count , Input : Proximity (NPN/PNP)/230V AC (Factory set) Supply : 230V AC
CT-2000	72 X 72 X 36	1360	
CT-3000	48 X 96 X 26	1360	
CT-5000	36 X 72 X 93	1360	
CT-56G	38 X 62 X 63	1360	

RPM INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
RPM-1201	96 X 96 X 40	1500	Range : 4-5000 RPM , Input : Proximity (NPN/PNP) Supply : 230V AC
RPM-2201	72 X 72 X 36	1500	
RPM-3201	48 X 96 X 26	1500	
RPM-4201	48 X 48 X 70	1500	

THUMBWHEEL COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
TWS-1400F	96 X 96 X 50	3290	Range : 0 -9999 Count , Input : Proximity (NPN/PNP), Output : 1R2C/O, Supply : 100-270V AC With power fail memory facility
TWS-2500F	72 X 72 X 45	3290	

THUMBWHEEL COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
TWS-1400-5D	96 X 96 X 100	3775	Range : 5D/6D Count , Input : Proximity (NPN/PNP), Output : 1R2C/O, Supply : 100-270V AC
TWS-2500-5D	72 X 72X 100	3775	
TWS-1400-6D	96 X 96 X 100	4215	
TWS-1400ST	96 X 96 X 50	2835	Range : 0 -9999 Count , Input : Proximity PNP, Output : 1R2C/O, Supply : 100-270V AC
TWS-2500ST	72 X 72X 100	2835	

MPM INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MPM-1044	96 X 96 X 54	3440	Range : 0 -9999 MPM, Input : Proximity (NPN/PNP) Supply : 100 -270V AC
MPM-2044	72 X 72 X 85	3440	

MPM RATIO INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MSI-2044	72 X 72 X 85	6540	Range : 0 -9999 MPM, Input : Dual NPN Proximity, Upper Display Show Ratio, Lower display show Separate MPM Supply : 100 -270V AC

RPM INDICATOR WITH ALARM OUTPUT (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
RPM-1044	96 X 96 X 54	4035	Range : 0 -9999 RPM , Input Proximity (NPN/PNP), Output : 1R1C/O, Supply : 100-270V AC
RPM-2044	72 X 72 X 85	4035	
Options : Additional 1 relay		725	

RPM INDICATOR WITH RETRANSMISSION OUTPUT (HSN - 90291090)			
RPM-1044RT	96 X 96 X 54	5095	Range : 0 -9999 RPM , Input Proximity (NPN/PNP), Output : 4-20mA/0-10V DC Retransmission Supply : 100-270V AC

PROGRAMMABLE COUNTER (HSN - 90291090)			
Model	Size (H X W X D)mm	MRP	Item Description
PC-3006	48 X 96 X 120	2430	Range : 0 -999999 Count, Input Proximity (NPN/PNP), Output : 1R1C/0,Single Display Supply : 250V AC
PC-1044	96 X 96 X 54	2190	Range : 0 -9999 Count, Input Proximity (NPN/PNP), Output : 1R1C/0,Double Display Supply : 100-270V AC
PC-2044	72 X 72 X 45	2190	
PC-444	48 X 48 X 70	2190	
Options : Additional 1 relay in PC-1044, PC-2044		725	

PROGRAMMABLE LENGTH COUNTER (HSN - 90291090)			
Model	Size (H X W X D)mm	MRP	Item Description
LC-1046D	96 X 96 X 43	2145	Range : 6 Digit Total length, 4 Digit MPM Input Proximity (NPN/PNP), Diameter Selectable Output : 1R On total length ,Double display Supply : 230V AC
LC-2046	72 X 72 X 45	2145	
LC-445 (5 Digit)	48 X 48 X 95	2290	
LC-3006	48 X 96 X 120	2190	
Options : Additional 1 relay Available in LC-1046D, LC -2046		725	
Encoder Input Available in LC-1046D, LC -2046		975	
LC-1048-M1	96 X 96 X 54	4840	Range : 8 Digit Total length, 4 Digit MPM Input Proximity (NPN/PNP), Diameter Selectable Output : 1R On Total length, Double Display, With RS-485 Modbus , Supply : 100 -270V AC
CTU-3086-M1	48 X 96 X 54	7500	Range : 8 Digit Total length, 6 Digit MPM Input Proximity (NPN/PNP), Diameter Selectable Output : 1R On Total length, Double Display, With RS-485 Modbus , Supply : 100 -270V AC/DC

PROGRAMMABLE BATCH COUNTER (HSN - 90291090)			
Model	Size (H X W X D)mm	MRP	Item Description
BC-1046D	96 X 96 X 43	2145	Range : 6 Digit Total Count , 4 Digit Batch Count Input Proximity (NPN/PNP), Output : 1R1C/0 On Batch count , Double display Supply : 230V AC
BC-2046	72 X 72 X 45	2145	
BC-445 (5 Digit)	48 X 48 X 95	2290	
Options : Additional 1 relay Available in BC-1046D, BC-2046		725	

TABLET COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
TBC-1058	96 X 96 X 54	5340	Range : 8 Digit Total Count , 5Digit RPM Input Proximity (NPN/PNP), Output : 1R1C/O On total count ,Double display Supply : 230V AC

PROGRAMMABLE COUNTER + RPM (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MMC-1046RD	96 X 96 X 43	2235	Range : 6 Digit Total Count , 4 Digit RPM Input Proximity (NPN/PNP), Output : 1R1C/O On Total count , Double display Supply : 230V AC
MMC-2046R	72 X 72 X 45	2235	Range : 6 Digit Total Count , 4 Digit RPM Input Proximity (NPN/PNP), Output : 1R1C/O On Total count , Double display Supply : 230V AC

CLUTCH BRAKE CONTROLLER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MMC-1046T	96 X 96 X 54	5040	Input : CMS + NPN Proximity, Output : 1 Relay To operate Clutch & Brake, Supply : 100 -250V AC
MC-1003	96 X 96 X 54	8370	Input : CMS + NPN Proximity, Output : 1 Relay To operate Clutch & Brake, 1 Relay for Batch counter Supply : 100 -250V AC

VIBRATOR CONTROLLER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MVC-72N	72 X 72 X 45	1155	Input : NPN/PNP Proximity, Range : 1 to 99% , Output : 0 to 110V AC Corresponding to percentage input ,5A Load capacity Supply : 230V AC
MVC-7210	72 X 72 X 97	1445	Input : NPN/PNP Proximity, Range : 1 to 99% , Output : 0 to 110V AC Corresponding to percentage input ,10A Load capacity Supply : 230V AC

SEQUENTIAL COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MPC-2412	72 X 144 X 120	19750	Range : 0 to 9999 Count, Input : NPN Proximity, Output : 3 Relay Supply : 230V AC

PHOTO ELECTRIC CONTROLLER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MPC-1061D	96 X 96 X 50	4575	Input : CMS + NPN Proximity , Output: Forward & Reverse Windind @2A,110V AC & Buzzer output for batch count Supply : 110V AC
MPC-1062D	96 X 96 X 50	4575	Input : CMS + NPN Proximity, Output: Forward & Reverse Winding @2A,230V AC & Buzzer output for batch count Supply : 230V AC
MPC-5062	192 X 96 X 130	5100	Input : CMS + NPN Proximity, Output: Forward & Reverse Winding @2A,110V AC Supply : 110V AC
MPC-5062	192 X 96 X 130	5100	Input : CMS + NPN Proximity, Output: Forward & Reverse Windind @2A,230VAC Supply : 230V AC

FFS CONTROL UNIT (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MPC-5265	192 X 96 X 130	13920	Input : CMS +1 or 2 NPN Proximity , Batch cutter proximity Output For Clutch & Break @2A , 24V DC +7 Relay Supply : 230V AC
PFLC-68 (Touch Screen Display)	96 X 96 X 54	17945	Input : CMS +1 or 2 NPN Proximity , Batch cutter proximity Output For Clutch & Break @2A , 24V DC +8 Relay Supply : 24V DC
MPC-1065 (LCD Display)	96 X 96 X 50	11850	Input : CMS +1 or 2 NPN Proximity , Batch cutter proximity Output For Clutch & Break @2A , 24V DC +4 Relay Supply : 24V DC

COLOR MARK SENSOR (HSN - 90329000)

Model	Size (H X W X D)mm	MRP	Item Description
CMS-1X	65 X 90 X 35	2360	NPN/PNP Type ,Sensing Distance : 4 to 8 mm
CMS-5X	28 X 60 X 44	5775	NPN/PNP Type ,Sensing Distance : 10 to 15mm

CONTROLLER FOR HYDRAULIC SHEARING MACHINE (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
DRO-1102	96 X 96 X 54	8500	Input : Dual Channel NPN Encoder + 230V AC Pulse for Home Position + 230V AC Pulse For Lock Reading Output : 2 Relay for Forward - Reverse Operation of Motor Supply : 230V AC
LRO-1203		7900	Input : 230V AC Pulse For Count + 230V AC Pulse from Limit Switch Output : 2 Relay for Rack Up-Down Function, 1 Relay for set count , Supply : 230V AC

POWER & ENERGY METERS

SINGLE PHASE PANEL METER

DIGITAL AMPERE METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-14	96 X 96 X 40	810	Input : 0-5A AC Direct OR CT Selectable upto 5/5 To 4000/5A, Supply : 230V AC
AV-24	72 X 72 X 36	810	
AV-34	48 X 96 X 26	810	
AV-41CT	48 X 48 X 46	810	
Note : Direct upto 30A AC (Model : AC-11A, AV-21A, AV-31A, AV-41A)		275	

DIGITAL VOLT METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-11V	96 X 96 X 40	810	Input : 0-500V AC, Supply : 230V AC
AV-21V	72 X 72 X 36	810	
AV-31V	48 X 96 X 26	810	
AV-41V	48 X 48 X 46	810	

DIGITAL AMPERE + VOLT METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-12	96 X 96 X 43	1290	Input Volt : 0-500V AC, Ampere : CT Ratio 5/5 to 2000/5A AC, Supply : 100 -270V AC/DC
AV-22	72 X 72 X 60	1290	
AV-33	48 X 96 X 66	1290	
Note : Direct upto 30A AC		275	
AV-44	48 X 48 X 46	1290	Input Volt : 0-500V AC, Ampere :30.0 A Direct Supply : 100 -270V AC

DIGITAL DC AMPERE METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-14DZ	96 X 96 X 40	1275	Range : 0-20.0A DC Direct, Supply : 100 -270V AC/DC
AV-24DZ	72 X 72 X 60	1275	
AV-34DZ	48 X 96 X 66	1275	

DIGITAL DC AMPERE METER (HSN - 90303310)

DIGITAL DC VOLTAGE MEASUR (MS-9999912)			
Model	Size (H X W X D)mm	MRP	Item Description
AV-14DA	96 X 96 X 40	975	Range : Multirange 0001 to 9999A DC Selectable, Input : 0 to 75mV DC (through shunt), Supply : 100 -270V AC/DC
AV-24DA	72 X 72 X 60	975	
AV-34DA	48 X 96 X 66	975	
Note : Shunt in Customers Scope			

DIGITAL DC VOLT METER (HSN - 90303310)			
Model	Size (H X W X D)mm	MRP	Item Description
AV-14DV	96 X 96 X 40	975	Input Range : 19.99V DC / 49.99V DC / 99.99V DC / 199.9V DC / 750V DC(Factory set), Supply : 100 -270V AC/DC
AV-24DV	72 X 72 X 60	975	
AV-34DV	48 X 96 X 66	975	
AV-41DV (3 Digit)	48 X 48 X 70	975	

DIGITAL DC AMP & VOLT METER (HSN - 90303310)			
Model	Size (H X W X D)mm	MRP	Item Description
DC-14	96 X 96 X 54	2125	Current Range : Multirange -999A DC to 9999A DC Selectable,
DC-24	72 X 72 X 45	2125	Voltage range : 1000 DC, Supply : 100 -270V AC
VAW-34DC	48 X 96 X 26	2185	Current Range : Multirange 0001 to 9999A DC Selectable, Voltage range : 750V DC,Watt : Up to 7499 KW Supply : 100 -270V AC
DC-14/DC-24 : RS-485 Modbus		1050	

SINGLE PHASE FREQUENCY METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
FRQ-11	96 X 96 X 54	1055	Range : 45.0 to 65.0Hz, Supply : 230V AC
FRQ-21	72 X 72 X 36	1055	
FRQ-31	48 X 96 X 26	1055	

SINGLE PHASE WATT METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
WM-11	96 X 96 X 43	2695	Range : 0 to 1250Watt (4 Digit, Range : 0 to 1250Watt, CT Selectable upto 50A), Supply : 100 -270V AC/DC

SINGLE PHASE KWH METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
EM-1P	96 X 96 X 43	2090	6 Digit Active Energy (KWh), CT Ratio Selectable upto 5/5 to 4000/5A AC, Supply : 100 -270V AC/DC

SINGLE PHASE POWER FACTOR METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
PF-11	96 X 96 X 43	1100	Single Phase Power factor meter, Supply : 100 -270V AC/DC

THREE PHASE POWER FACTOR METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
PF-13	96 X 96 X 43	2475	Three Phase Power factor meter, Supply : 100 -270V AC/DC

THREE PHASE ENERGY & POWER METERS

THREE PHASE ENERGY (KWH) METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
EM-10	96 X 96 X 43	2425	8 Digit Active Energy (KWh), CT Ratio Selectable upto 5/5 to 4000/5A AC, Supply : 100 -270V AC/DC
EPM-14	96 X 96 X 54	3450	CT Ratio Selectable upto 5/5 to 6000/5A AC, 6 + 4 Digit, 2 Line LED Display(6 Digit Active Energy (KWh) and 4 Digit Active Power (KW), Pulse Output Supply : 100 -270V AC/DC
EPM-14N/EM-10 : RS-485 Modbus		1050	
2 Relay Output on KW (EPM-142)		500	

THREE PHASE AMPERE & VOLTMETER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
AMP-23	72 X 72 X 45	1375	4 Digit 1 line Display CT Ratio Selectable upto 0 to 6000/5A AC Supply : 100 -270V AC/DC
AMP-13	96 X 96 X 43	1375	
VOLT-23	72 X 72 X 36	1460	4 Digit 1 line Display, Primary PT : 100 to 999Kv AC(L-L)
VOLT-13	96 X 96 X 43	1460	Secondary PT : 100 to 520V AC(L-L), Supply : 100 -270V AC/DC
VOLT-19	96 X 96 X 43	1935	3 Digit 3 line Display, Range : 50 - 500V AC(P-P), 30-300V AC (P-N) Supply : 100 -270V AC/DC
AMP-19	96 X 96 X 43	2075	3 Digit 3 Line Display, CT Ratio Selectable upto 0 to 6000/5A AC Supply : 230V AC
RS-485 MODBUS (AMP-13-M1)		1050	

AVF METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
AVF-19D	96 X 96 X 43	1980	CT Ratio Selectable upto 6000/5A AC, 3 Phase /1 Phase Selection, Supply : 230V AC
AVF-19T	96 X 96 X 43	1980	CT Ratio Selectable upto 9999/5A AC, 3 Phase /1 Phase Selection, Supply : 100V AC/DC
AVF-29T	72 X 72 X 45	2070	CT Ratio Selectable upto 6000/5A AC, 3 Phase /1 Phase Selection, Supply : 100 -270V AC/DC
AVF-133 (6 Display)	96 X 96 X 54	2250	Current: 100mA to 5A AC CT Selectable, CT Selectable, Voltage: 50-520V AC (P-P), 30-300V AC (P-N), 3 Phase- 3w/4w,1 Phase-2w, Supply : 100 to 270V AC/DC
PM-133 (6 Display)	96 X 96 X 54	2650	Led 6 Line 3 Digit, CT input : 3Ø, Voltage Input : 3Ø4W, CT Primary : 3000A , CT Secondary : 5A, Supply :100 to 270V AC/DC Parameter : A,V,HZ,PF,W
RS-485 MODBUS (AVF-133-M1)		1050	

SINGLE PHASE CURRENT CONTROLLER (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
CC-12 (Double Display)	96 X 96 X 43	3290	Current Range : 5A to 2000A AC,(1CT Input) Output -1 Relay Supply : 100 -270V AC/DC
Additional one relay available in CC-122		725	

Demand CONTROLLER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
DMR-162	96 X 96 X 43	12575	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVA), Frequency (F), Supply : 100-270V AC /DC Output : 2 Relay (ON Demand KW/KvA)
RS-485 Modbus (DMR-162-M1)		13625	

MOTOR PROTECTION DEVICE (HSN - 85363000)			
3 Digit 3 Line, Red Display, 3 Phase Current Indication & Tripping			
Model	Size (H X W X D)mm	MRP	Item Description
MPD-192	96 X 96 X 54	3665	CT Ratio Selectable Upto 5/5 to 6000/5A AC, 3 Phase 3 Wire / 4 Wire Selectable, Output : 1 Relay for tripping parameters, Tripping Facility : Over voltage, Under voltage, Over current , Under current, Unbalance, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Short circuit, Lock rotor point , Supply : 100 -270V AC/DC
With ELR Function (MPD-19EL)		4165	
RS-485 MODBUS		1050	
MPD-152 (Din rail - 55mm)	75 X 55 X 110	2640	CT Ratio Selectable Upto 5/5 to 6000/5A AC, 3 Phase 3 Wire / 4 Wire Selectable, Output : 1 Relay for tripping parameters, Tripping Facility : Over voltage, Under voltage, Over current , Under current, Unbalance, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Short circuit, Lock rotor point , Supply : 100 -270V AC

VOLTAGE & CURRENT PROTECTION RELAY - DIN RAIL (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
VPR-35	90 X 35 X 62	2185	Voltage Range : 30 to 300V AC (P-N) / 50 to 520V AC (P-P),Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Supply : 100 -270V AC/DC
VPR-33	90 X 35 X 62	2025	Voltage Range : 50 to 520V AC (P-P), Output : 2 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, SPP, Phase sequence, Over frequency, Under frequency, Supply : Self Powered
OLR-1030	70 X 55 X 65	1550	Current Range : 5A to 30A AC(3CT) Tripping Facility : Over Current Output -1 Relay Supply : 230V AC
OLR-3060	70 X 55 X 65	1850	Current Range : 10A to 60A AC(3CT) Tripping Facility : Over Current Output -1 Relay Supply : 230V AC

OLR-50100	70 X 70 X 90	2150	Current Range : 25A to 125A AC(3CT) Tripping Facility : Over Current , Output -1 Relay Supply : 230V AC
CPR-22	90 X 22.5 X 72	1295	Current Range : 100mA to 5A AC(1CT Input) Tripping Facility : Over Current , Under Current, Output -1 Relay Supply : 100 -270V AC
CPR-35-1C	90 X 35 X 62	1810	Current Range : 0 to 999A AC,(1CT Input) Tripping Facility : Over Current , Under Current, Asymmetry, Output -1 Relay Supply : 100 -270V AC
CPR-35-3C	90 X 35 X 62	2225	Current Range : 0 to 999A AC,(3CT Input) Tripping Facility : Over Current , Under Current, SPP, Asymmetry, Output -1 Relay Supply : 100 -270V AC
VPR-22	90 X 22.5 X 72	1250	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, Phase loss, Phase sequence Supply : Self Powered
VPR-22U	90 X 22.5 X 72	1350	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, Phase loss, Phase sequence, With Selectable Trip Delay Time Supply : Self Powered
SVR-22	90 X 22.5 X 72	975	Voltage Range : 160 to 300V AC (1Ø 2W) Output : 1 Relay Tripping Facility : Over voltage, Under voltage Supply : Self Powered
SVR-22U	90 X 22.5 X 72	1050	Voltage Range : 160 to 300V AC (1Ø 2W) Output : 1 Relay Tripping Facility : Over voltage, Under voltage, With Selectable Trip Delay Time Supply : Self Powered
VPR-17	90 X 17.5 X 62	1350	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, Phase loss, Phase sequence, With Selectable Trip Delay Time Supply : Self Powered
VPR-17U	90 X 17.5 X 62	1650	Voltage Range : 170 to 528V AC (P-P) With Adjustable Rated Voltage Knob, Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, Phase loss, Phase sequence, With Selectable Trip Delay Time Supply : Self Powered
PSR-17 (Single Phase preventor)	90 X 17.5 X 62	950	Voltage Range : 154 to 500V AC (P-P), Output : 1 Relay Tripping Facility : Phase asymmetry, Phase Loss, Phase sequence, Supply : Self Powered
SPP-22-E (Single Phase preventor)	90 X 22.5 X 67.5	770	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Phase asymmetry, Phase Loss, Supply : Self Powered
SPP-22 (Single Phase preventor)	90 X 22.5 X 67.5	770	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Phase asymmetry, Phase Loss, Phase sequence, Supply : Self Powered

V22-RYB (Single Phase preventor)	90 X 22.5 X 72	865	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Phase asymmetry, Phase Loss, Phase sequence, Supply : Self Powered
V22-RYB-E (Single Phase preventor)	90 X 22.5 X 72	865	Voltage Range : 280 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Phase asymmetry, Phase Loss, Supply : Self Powered
VR-3K	90 X 35 X 63	1450	Voltage Range : 280 to 520V AC (P-P), Output : 1R2C/O Tripping Facility : Over voltage, Under voltage, Phase asymmetry, Phase loss, Phase sequence Supply : Self Powered
VR-3KN	90 X 35 X 63	1450	Voltage Range : 280 to 520V AC (P-P), Output : 1R2C/O Tripping Facility : Over voltage, Under voltage, Phase asymmetry, Phase loss, Phase sequence, Neutral Loss Supply : Self Powered
CR-3K	90 X 35 X 63	1450	Current Range : 100mA to 5A AC(3CT Input) Tripping Facility : Over Current , Under Current, Output -1 Relay Supply : 100 -270V AC
VDC-35 (DC Voltage Protection relay)	90 X 35 X 63	2135	Voltage Range :18V to 70V DC/70-300V DC, Output : 2 Relay, Self Powered, Tripping parameter : OV,UV

VOLTAGE & CURRENT PROTECTION RELAY - PANEL MOUNTED (HSN - 85363000)

Model	Size (H X W X D)mm	MRP	Item Description
VMR-132	96 X 96 X 43	2745	Voltage Range : 30 to 300V AC (P-N) / 50 to 520V AC (P-P), Output : 2 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Supply : 230V AC
VMR-13	96 X 96 X 43	2390	Voltage Range : 30 to 300V AC (P-N) / 50 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Supply : 230V AC
VMR-232	72 X 72 X 45	2745	Voltage Range : 30 to 300V AC (P-N) / 50 to 520V AC (P-P), Output : 2 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Supply : 50-520V AC
VMR-23	72 X 72 X 45	2390	Voltage Range : 30 to 300V AC (P-N) / 50 to 520V AC (P-P), Output : 1 Relay Tripping Facility : Over voltage, Under voltage, Phase asymmetry, SPP, Phase sequence, Over frequency, Under frequency, Neutral loss, Supply : 50-520V AC
CPR-19	96 X 96 X 54	2970	CT Ratio Selectable Upto 5/5 to 9999/5A AC, Output : 1 Relay for tripping parameters, Tripping Facility : Over current , Under current, Unbalance, SPP, Short circuit, Lock rotor point , Supply : 100 -270V AC/DC
DGMR-132	96 X 96 X 54	3650	Input : 3Ph-4W Mains Input + 230V AC DG , Output: 3 Relay - 1st R for Mains Fail, 2nd R for Main Contactor, 3rd R for DG Contactor

EARTH TO NEUTRAL VOLTAGE RELAY (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
EN-19N	96 X 96 X 54	3600	Input : 10.00V AC, Output : 1 Relay for Tripping, Supply : 100 -270V AC
ENR-35-M1	96 X 96 X 54	5650	
Options : RS-485 MODBUS Communication in EN-19N		1050	

EARTH LEAKAGE RELAY (HSN - 85363000) & CBCT			
Model	Size (H X W X D)mm	MRP	Item Description
ELR-19N	96 X 96 X 54	2690	Input : 30mA to 30.00A AC through External CBCT, Output : 1 Relay for Tripping, External Test & Reset Key Supply : 100-270V AC/DC
ELR-11 (Display With Knob)	96 X 96 X 54	2690	
ELR-35	90 X 35 X 63	2145	
ER-2K	90 X 35 X 63	1850	
Options : RS-485 MODBUS In ELR-19N		1050	
EFR-63 (Earth Fault Relay)	76 X 28 X 85	1980	Input : 5AMP through External CBCT, Output : 1 Relay for Tripping, Supply : 100 -270V AC/DC

EARTH LEAKAGE RELAY - BUILT IN CBCT (HSN - 85363000)			
ECT-35D	40 X 75 X 102	2150	Input : 30mA to 3.00A AC through Internal CBCT, Output :1 Relay for Tripping, - ID 35mm Builtin CBCT Supply : 100-270V AC/DC
ECT-35 (Set by Knob)	40 X 75 X 102	1950	Input : 30mA to 3.00A AC through Internal CBCT, Output : 1 Relay for Tripping - ID 35mm Builtin CBCT Supply : 100-270V AC/DC
ECT-70D	40 X 75 X 102	3150	Input : 30mA to 30A AC through Internal CBCT, Output : 1 Relay for Tripping - ID 70mm Builtin CBCT Supply : 100-270V AC/DC
ECT-70 (Set by Knob)	40 X 75 X 102	2950	Input : 30mA to 30A AC through Internal CBCT, Output : 1 Relay for Tripping - ID 70mm Builtin CBCT Supply : 100-270V AC/DC

MULTIFUNCTION METERS

DC MULTIFUNCTION METER (HSN - 90283090)

Model	Size (H X W X D)mm	MRP	Item Description
MFM-14DC Meter	96 X 96 X 54	3620	LED 6+4+4+4 Digit, Input : -75mV DC to 75mV DC -999A DC to 9999A DC, 0V to 1500V DC, Supply : 100 to 270V AC/DC
Option : RS-485 Modbus Communication		1050	
Option : 2 Relay Output (MFM-142DC)		4970	
Aux Supply : 24-270V AC/DC		955	

SINGLE PHASE MULTIFUNCTION METER (HSN - 90283090)

Model	Size (H X W X D)mm	MRP	Item Description
PM-11 AC Meter	96 X 96 X 54	2860	LED 3+3+3 Digit, CT input : 1Ø, Voltage Input : 1Ø2W, CT Primary : 5A to 9999A , CT Secondary : 5A & 1A Selectable, 30V to 300V AC, Supply :100 to 270V AC/DC
Option : RS-485 Modbus Communication		1050	

THREE PHASE MULTIFUNCTION METER (HSN - 90283090)

Model	Size (H X W X D)mm	MRP	Item Description
MFM-13	96 X 96 X 54	3900	4 digit 3Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power(KW), Energy (KWh), Power Factor(PF) , Apparent Power (KVA), Reactive Power(KVA), Frequency Supply : 100-270V AC/DC
AVH-14	96 X 96 X 54	4070	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVA), Frequency (F), Supply : 100-270V AC /DC
AVH-16	96 X 96 X 54	7450	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVA), Frequency (F), THD (V,I), Import -Export Energy,Neutral Current Supply : 100-270V AC /DC
PQM-14	96 X 96 X 54	5500	3Line LCD Display, CT Ratio Selectable upto 5/5 to 9999/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power(KW), Energy (KWh), Power Factor(PF) , Apparent Power (KVA), Reactive Power(KVA), Frequency Supply : 100-300V AC/DC
PQM-16	96 X 96 X 54	8500	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVA), Frequency (F), THD (V,I), Import -Export Energy,Neutral Current Supply : 100-300V AC /DC
MFM-5M (DIN RAIL)	90.5 X 88 X 62	4950	LED 8 Digit, CT input : 3Ø, Voltage Input : 3Ø3W/4W ,1Ø2W, Primary Voltage : 100V to 520KV AC,Secondary Voltage : 100V to 520V AC, CT Primary : 5A to 9999A , CT Secondary : 5A & 1A Selectable, Pulse Output, 100 to 270V AC/DC, RS-485 MODBUS.
Option : RS-485 Modbus Communication		1050	

Dual Source MULTIFUNCTION METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
DSM-14	96 X 96 X 54	4600	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVA), Frequency (F), Supply : 100-270V AC /DC (EB+DG)
DSM-11	96 X 96 X 54	3900	8 digit 2 Line Energy/Power Parameter CT Ratio Selectable upto 5/5 to 9999/5A AC, Supply : 100-270V AC /DC (EB+DG)
Option : RS-485 Modbus Communication		1050	

Din Rail MULTIFUNCTION METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
EDC-35 (DC-MFM)	90 X 35 X 63	2500	Ampere : -999A DC to 9999A DC, Voltage :-999 to 1000V DC, Supply : 100 to 270V AC/DC RS-485 MODBUS,
EDC-352 (DC-MFM)	90 X 35 X 63	3075	Ampere : -999A DC to 9999A DC, Voltage :-999 to 1000V DC, Output : 2 Relay Supply : 100 to 270V AC/DC RS-485 MODBUS,
EPM-35 (AC-MFM)	90 X 35 X 63	3575	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 9999/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVA), Frequency (F) Import -Export Energy,RS-485 Modbus Supply : Self Powered

AUTOMATIC POWER FACTOR CONTROLLER UP TO 16 STAGE (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
APFC-108	144 X 144 X 70	8775	Input : 2 Phase Voltage, 1 Phase CT, Output : 8 /12/14/16 Output
APFC-112		10175	
APFC-114		12375	
APFC-116		14460	
APFC-9608	96 X 96 X 54	6870	Input : 2 Phase Voltage, 1 Phase CT, Output : 8 Relay,Supply : 100 -270V AC

MULTI CHANNEL CURRENT TRANSDUCER (HSN - 90329000)			
Model	Size (H X W X D)mm	MRP	Item Description
MCS-360	76 X 27X 85	2350	Input Current : 1A to 60A (3CT), Output : Modbus, Supply : 24V DC
MCS-460		2850	Input Current : 1A to 60A (4CT), Output : Modbus, Supply : 24V DC
MCS-660		3750	Input Current : 1A to 60A (6CT), Output : Modbus, Supply : 24V DC
MCS-860		6310	Input Current : 1A to 60A (8CT), Output : Modbus, Supply : 24V DC
MCS-3-100		3350	Input Current : 4A to 100A (3CT), Output : Modbus, Supply : 24V DC

WATER LEVEL CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
WLC-22 (Single Tank)	90 X 22.5 X 72	1375	Sensitivity : Up to 1M Ohm Output : 1R1C/O Supply : 100-270V AC
WLC-35 (Dual Tank)	90 X 35 X 63	1785	
Probe for WLC (1 NOS)		110	

AC-DC TESTING PANEL

Model	MRP	Item Description
AC-DC -15A	11500	4 digit + 4 Line, 4 Digit 3 Line Red LED Display, Parameters : AC Parameters : Ampere, Voltage, Power Factor, Watt DC Parameters : Ampere, Voltage, Efficiency, Watt, Supply :230V AC
Options : RS-485 Modbus Communication	1050	

DC Drives

PANEL MOUNTED (HSN - 85044029)

Model	Size (H X W X D)mm	MRP	Item Description
TD-144	140 X 140 X190	5310	0.5 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 3A DC Supply : 230V AC
TD-144	140 X 140 X190	5620	1.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 5A DC Supply : 230V AC
TD-144	140 X 140 X190	6800	2.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 10A DC Supply : 230V AC
TD-144	140 X 140 X190	7040	3.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 15A DC Supply : 230V AC

WALL MOUNTED (HSN - 85044029)

Model	Size (H X W X D)mm	MRP	Item Description
TD-13M	170 X 235 X 85	4000	0.5 HP Field Voltage : 210V DC Armature Voltage : 20-220V DC Output Current : 3A DC Supply : 230V AC
TD-13M	170 X 235 X 85	4640	1 HP Field Voltage : 210V DC Armature Voltage : 20-220V DC Output Current : 5A DC Supply : 230V AC
TD-13M	210 X 285 X 110	5570	2 HP Field Voltage : 210V DC Armature Voltage : 20-220V DC Output Current : 10A DC Supply : 230V AC
TD-13M	210 X 285 X 110	5860	3 HP Field Voltage : 210V DC Armature Voltage : 20-220V DC Output Current : 15A DC Supply : 230V AC
TD-13M	210 X 285 X 110	7430	5 HP Field Voltage : 210V DC Armature Voltage : 20-220V DC Output Current : 15A DC Supply : 230V AC

BOX TYPE, WALL MOUNTED WITH START/STOP PUSH BUTTON (HSN - 85044029)			
Model	Size (H X W X D)mm	MRP	Item Description
TD-13B	160 X 240 X 95	5835	0.5HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 3A DC Supply : 230V AC
TD-13B	160 X 240 X 95	6335	1 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 5A DC Supply : 230V AC
TD-13B	230 X 300 X 105	7835	2 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 10A DC Supply : 230V AC
TD-13B	230 X 300 X 105	8695	3 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 15A DC Supply : 230V AC

SSR (HSN - 85364900)

Model	Size (H X W X D)mm	MRP	Item Description
RS-25A	62 X 45 X 25	385	Input Voltage: 4V-32V DC, Output Voltage: 24V-480V AC, Load Current: 25A
RS-40A	62 X 45 X 25	435	Input Voltage: 4V-32V DC, Output Voltage: 24V-480V AC, Load Current: 40A
RS-50A	62 X 45 X 25	810	Input Voltage: 4V-32V DC, Output Voltage: 24V-480V AC, Load Current: 50A
RS-70A	62 X 45 X 25	1080	Input Voltage: 4V-32V DC, Output Voltage: 24V-480V AC, Load Current: 70A
RS-40PA	62 X 45 X 25	1050	Input : 4-20mA DC, Output Voltage: 230V AC, Load Current: 40A

Heat Sink (HSN - 90329000)

Model	Size (H X W X D)mm	MRP	Item Description
HSS	44 X 68 X 32	175	Current Capacity With RS 25A-16A, RS 40A-18A, RS 50A-26A, RS 70A-29A
HSM	47 X 87 X 80	540	Current Capacity With RS 50A-32A, RS 70A-36A
HSL	72 X 87 X 80	770	Current Capacity With RS 70A- 44A

Power Supply-Din Rail Mount (HSN - 85044090)

Model	Size (H X W X D)mm	MRP	Item Description
PS24-10A	125 X 55 X 135	6250	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 10A, 240W
PS24-6.5A	105 X 45 X 110	2875	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 6.5A, 156W
PS24-6.5A-P (Plastic body)	105 X 45 X 110	2600	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 6.5A, 156W
PS24-5A	105 X 45 X 110	2475	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 5A, 120W
PS24-5A-P (Plastic body)	105 X 45 X 110	2175	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 5A, 120W
PS24-2.5A	90 X 45 X 84	1775	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 2.5A, 60W
DPS24-2.5A	90 X 70 X 60	1875	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 2.5A, 60W
PS24-1.5A	76 X 27 X 85	1775	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 1.5A, 36W
PS24-1A	90 X 22.5 X 75	1150	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 1A, 24W
PS24-0.5A	90 X 22.5 X 75	975	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 0.5A, 12W
PS12-8A	105 X 45 X 110	2875	Input Voltage: 100V-270V AC, Output Voltage: 12V DC, 8A, 96W
PS12-5A	105 X 45 X 110	2475	Input Voltage: 100V-270V AC, Output Voltage: 12V DC, 5A, 60W
PS12-5A-P (Plastic body)	90 X 45 X 84	1450	Input Voltage: 100V-270V AC, Output Voltage: 12V DC, 5A, 60W
PS12-2A	105 X 45 X 110	1150	Input Voltage: 100V-270V AC, Output Voltage: 12V DC, 2A, 24W
PS12-1A	105 X 45 X 110	975	Input Voltage: 100V-270V AC, Output Voltage: 12V DC, 1A, 12W
PS48-2.5A	105 X 45 X 110	2675	Input Voltage: 100V-270V AC, Output Voltage: 48V DC, 2.5A, 120W
PS48-5A-P (Plastic body)	125 X 55 X 135	6250	Input Voltage: 100V-270V AC, Output Voltage: 48V DC, 5A, 240W
PS15-8A-P (Plastic body)	105 X 45 X 110	2875	Input Voltage: 100V-270V AC, Output Voltage: 15V DC, 8A, 120W
PS15-5A	105 X 45 X 110	2475	Input Voltage: 100V-270V AC, Output Voltage: 15V DC, 5A, 75W

Power Supply-Wall Mount (HSN - 85044090)

Model	Size (H X W X D)mm	MRP	Item Description
PSW24-6.5A	159 X 97 X 30	1540	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 6.5A, 156W
PSW24-5A	129 X 97 X 30	1215	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 5A, 120W
PSW24-3A	99 X 97 X 30	965	Input Voltage: 100V-270V AC, Output Voltage: 24V DC, 3A, 72W
PSW12-5A	99 X 97 X 30	1110	Input Voltage: 100V-270V AC, Output Voltage: 12V DC, 5A, 60W

Customised Products

Model	Size (H X W X D)mm	MRP	Item Description
FDI-100 (Flame Proof)	142 X 142 X 86	6225	Temperature Indicator ,Fixed Input
FRI-100 (Flame Proof)	142 X 142 X 86	6225	Input: Proximity, Supply : 24V DC
MDT-3006	48 X 96 X 120	6275	2 Input & 2 Output (Jumping Timer)
MI-631	76 X 27 X 116	3700	Input : 1K Pot (3Wire), Output : 4 To 20 mA, Supply : 230V AC
MPC-5356	96 X 192 X 130	28650	Length Counter, Input : Encoder, 24 V DC Supply, With 0 TO 10 V DC, PID O/P Reset at back
MPC-5356	96 X 192 X 130	28650	Length Measurement, Upper : 99999 Count, Lower : MT/MIN, Input : Encode & 0 - 10 VDC, Supply : 230 V AC, Reset at Back, 2 Relay Output
MPC-5356	96 X 192 X 130	28650	Traverse Measurement , Upper : 9999.9 Count, Input : Encoder, Supply : 230 V AC, Reset at back, 3 Relay O/P.
MTC-1201	96 x 96 x 54	5000	Input : 0 TO 1000 V DC, Output : 1 Relay (For Tripping), Hy. : 0- 99 Selectable, Supply : 230 V AC (Linear), Enter at back,
SPI-2044	72 x 72 x 60	7250	Speed Indication with Pulse Input
SPI-4044	48 x 48 x 95	7250	Speed Indication with Pulse Input
RC-2006	72 x 72 x 60	18400	Haul Off Controller
PIC-410A	48 x 48 x 95	3600	Current / Voltage Source
SPI-21	72 x 72 x 50	3000	Process Indicator
FSC-1006	96 x 96 x 100	5100	Fill Seal Controller Input : Proximity NPN/PNP Output : 2 SSR + BUZZER
MMC-1340	96 x 96 x 54	8400	Programmable Counter Input : Proximity NPN / PNP (24V DC) Output : Relay + SSR
RTC 223PX	72 X 72 X 60	9750	Temperature Controller with ampere (2 Line Display)
MMC-1048	96 x 96 x 54	7200	Total Count & Speed Indicator 8 Digit Total Count, 4 Digit RPM Input : NPN/PNP Proxi Selectable Output : 1 Relay 1C/O (ON TOTAL COUNT), RS-485 (MODBUS)
MH-200P(Hooter)	96 x 96 x 54	1300	Panel Mounting Hooter Input Voltage : 230V AC Or 24V DC
MH-200W (Hooter)	96 x 96 x 54	1300	Wall Mounting Hooter Input Voltage : 230V AC Or 24V DC
MTC-1203	96 x 96 x 54	5000	Input : J/K/Pt-100(Factory set) Output : 3 Relay (Heating /Cooling Factory set) Supply : 100-250V AC
MTC-1204	96 x 96 x 54	5900	Input : J/K/Pt-100(Factory set) Output : 4 Relay (Heating /Cooling Factory set) Supply : 100-250V AC

RTC-1058	96 x 96 x 54	4000	Display : 23:59:59 (Hr:Min:Sec) Output: 1 relay (16 Program) Supply : 100-270V AC
TCS-35 Time Switch	90 x 35 x 63	2015	LCD Display, 23:59:59 HH:MM:SS, 1 Relay (16A),(50 Program On-Off) Supply : 230V AC,
LR-35	90 x 35 x 63	2115	Logic Relay Input : 2 Micro Switch, Output :2 Relay (NO-C-NC), Supply : 100 to 270V AC
WTR-35	90 x 35 x 63	1915	Input :PTC,RGB LED Output:1 Relay 2C/O, Supply : 50V-550V AC, Reset by Terminal and Front Key
RTC-2303-1C	72 X 72 X 60	10500	Input : J/K(Configurable), Output : 3 Relay Control action : PID/TP/On-off (Cofigurable), With 60A Single CT Supply : 100-270V AC
RTC-2303-3C	72 X 72 X 60	11750	Input : J/K(Configurable), Output : 3 Relay Control action : PID/TP/On-off (Cofigurable), With 60A Three CT - Module Supply : 100-270V AC
SN-634	76 x 27 x 85	8650	Synchronizer Unit Input :0-10V DC Output : Dual 0-10V DC Aux Supply 100-270V AC
LD-632	76 x 27 x 85	7500	Input : 0-33.33mVDC Output 1 : 0-10V DC Retransmission Output 2 : 2V to 10V DC Excitation Supply Aux Supply 100-270V AC
DPR-222	72 X 72 X 45	9450	Input :Pressure + Temperature Input Output : 1Relay + Buzzer Aux Supply 100-250V AC
RCS-63	76 x 27 x 110	9750	Input Current : 0.6A to 60A (8CT), Output : Modbus, Supply : 24V DC High Speed
SLC-445	48 X 48 X 95	5850	Input :NPN Proxy + Start Pulse Output : 1Relay + Buzzer Aux Supply 100-250V AC
AVH-14-RT	96 X 96 X 54	9140	8 digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : P-P Voltage, P-N Voltage, Phase Current, Active Power (KW) (Per Phase & Average), Energy (KWh), Power Factor (PF) Per Phase & Average, Apparent Power (KVA), Reactive Power (KVAr), Frequency (F), 0-10V DC Retransmission on Kw Supply : 100-270V AC /DC

Accessories Products

Model	Size (H X W X D)mm	MRP	Item Description
Din 60A-1CT		450	60A Direct Single Phase CT , Din rail
Din 30AX	70 X 55 X 76	1075	30A Direct 3 Phase CT Module, Din rail,ID :10mm
Din 60AX	70 X 55 X 76	1320	60A Direct 3 Phase CT Module, Din rail,ID :10mm
Din 125AX	70 X 70.5 X 91	1545	125A Direct 3 Phase CT Module, Din rail,ID:16mm
MCT-60A		1320	60A Direct 3 Phase (3 Separate CT),ID:20.5mm
MCT-125A		1545	125A Direct 3 Phase (3 Separate CT),ID:35mm
MCT-250A		2635	250A Direct 3 Phase (3 Separate CT),ID:55mm
CBCT-35P-M		1015	Polycarbonate CBCT, ID : 35 mm
CBCT-70P-M		1275	Polycarbonate CBCT, ID : 70 mm
CBCT-120P-M		1550	Polycarbonate CBCT, ID : 120 mm
CBCT-210P-M		2450	Polycarbonate CBCT, ID : 210 mm
CBCT-70T		1050	Tapewound CBCT, ID : 70 mm
CBCT-120T		1200	Tapewound CBCT, ID : 120 mm
CBCT-210T		2200	Tapewound CBCT, ID : 210 mm
CBCT-310T		3700	Tapewound CBCT, ID : 310 mm

TERMS & CONDITIONS

1. Above prices are Ex-Works State & Central Taxes inclusive.
2. Tax value on invoices is applicable as per GST rates.
3. Packing and forwarding charges will be extra as applicable.
4. Warranty : 12 Months from the date of invoice against any manufacturing defects.
5. Any additional customization in terms of features would be charged extra.
6. Visit charges of engineer for installation or repairing would be charged extra.
7. Charges for internal laboratory calibration report will be applicable extra.
8. The above prices are subject to change without any notice as per raw material cost changes & labour cost charges.
9. Order cancellation charges for stock products will be 10% of the order value.
10. Order for customized products will be against advance only and once placed cannot be cancelled.
11. Subject to Ahmedabad jurisdiction.

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Technical specifications & product variations are subject to change (Ver. 2025-01)



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