



MRP Price List

with effect from

25th May 2026

TEMPERATURE CONTROLLERS

TEMPERATURE INDICATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
TI-11	90 X 90 X 42	1165	Fixed input : J,K,Pt-100 Supply : 100-270V AC
TI-21	72 X 72 X 60	1165	
TI-31V	96 X 48 X 85	1545	
TI-41	48 X 48 X 70	1165	
UTI-38	48 X 96 X 67	1240	Universal input : J,K,PT-100 Supply : 100-270V AC
Note : For R & S type input Extra on MRP		380	

HEATER INDICATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
MHI-2024	72 X 72 X 75	1130	4 zone heater indicator
MHI-2006	72 X 72 X 75	2020	6 zone heater indicator
MHI-2014	72 X 72 X 75	1130	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	1255	Input : J type Output : 1 Relay Control action : ON-OFF Supply : 230V AC
MCO-2501	72 X 72 X 75	1255	

TEMPERATURE CONTROLLER WITH KNOB (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
MDC-11	96 X 96 X 55	1800	Input : J/K/PT-100 (Factory Set) Output : 1 Relay Control action : ON-OFF Supply : 230V AC

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	2505	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	2505	

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	2460	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	2460	
TC-1X(Master Module)	76 X 27 X 85	2285	Input : J/K (Configurable) Output : 1 Relay or SSR + RS-485 Modbus Control action : PID/TP/ON-OFF (Configurable) Supply : 24V DC
TC-2X(Slave Module)	76 X 27 X 85	2285	

COOLING CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
CC-510	37 X78 X 70	1665	Input : NTC Sensor Output : 1 Relay (10Amp), with auto defrost facility Supply : 230V AC OR 12V DC OR 24V DC
CC-510T	37 X78 X 70	1755	
CC-520	37 X78 X 70	1785	Input : NTC Sensor Output : 1 Relay (20Amp), with auto defrost facility Supply : 230V AC OR 12V DC OR 24V DC
CC-520T	37 X78 X 70	1875	
CC-552	37 X78 X 70	2595	Input : NTC Sensor Output : 2 Relay for Compressor Supply : 230V AC OR 12V DC OR 24V DC
CC-512	37 X78 X 70	2195	Input : NTC Sensor Output : 1 Relay (10Amp) + 1 Alarm Relay, with auto defrost facility Supply : 230V AC OR 12V DC OR 24V DC
CC-515	37 X78 X 70	2265	Input : NTC Sensor Output : 1 Relay (10Amp) + 1 Alarm Buzzer, with auto defrost facility, With Buzzer Supply : 230V AC OR 12V DC OR 24V DC
CC-522	37 X78 X 70	2465	Input : NTC Sensor Output : 1 Relay (20Amp) + 1 Alarm Relay, with auto defrost facility Supply : 230V AC OR 12V DC OR 24V DC
CC-525	37 X78 X 70	2530	Input : NTC Sensor Output : 1 Relay (20Amp) + 1 Alarm Buzzer, with auto defrost facility, With Buzzer Supply : 230V AC OR 12V DC OR 24V DC
CC-521	37 X78 X 70	2530	Input : NTC Sensor Output : 1 Relay (20Amp) + 1 Relay for Heater, with auto defrost facility Supply : 230V AC OR 12V DC OR 24V DC
CC-524	37 X78 X 70	3700	Input : 2 NTC Sensor + Digital Input Output : 3 Relay (Compressor + Defrost + Fan) Supply : 230V AC OR 12V DC OR 24V DC
CC-548	37 X78 X 70	2965	Input : NTC Sensor + Digital Input Output : 1 Relay (20Amp) + 1 Alarm Relay, with auto defrost facility 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	1730	Input : J/K/PT-100 (Factory set) Output : 1 Relay SSR Control action : ON-OFF/TP (Factory Set) Supply : 100-270V AC
TC-29	72 X 72 X 45	1730	
TC-49	48 X 48 X 70	1730	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	1345	Input : J/K/PT-100 (Factory set) Output : 1 Relay Control action : ON-OFF/TP (Factory Set) Supply : 230V AC
TC-510	37 X 78 X 70	2480	Input : J/K (Configurable) ,PT-100 (Factory Set), Output : 1 Relay SSR Control Action : PID/ON-OFF (Configurable) Supply : 100-270V AC
TC-512	37 X 78 X 70	3360	Input : J/K (Configurable) ,PT-100 (Factory Set), Output : 2 Relay Control Action : PID/ON-OFF (Configurable) Supply : 100-270V 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	1800	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	1800	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	1990	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	2045	Input : J/K/PT-100 (Configurable) Output : 1 Relay SSR
UTC-214	72 X 72 X 45	2045	Control Action : PID/ON-OFF (Configurable) 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	2400	Input : J/K/PT-100 (Configurable)
UTC-221P	72 X 72 X 45	2400	Output : 1 Relay SSR
UTC-421P	48 X 48 X 70	2400	Control Action : PID/ON-OFF (Configurable) 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	2180	Input : J Type Output : 1 Relay SSR Control Action : PID/ON-OFF (Configurable) Supply : 100-270V AC
TC-44	48 X 48 X 70	2180	Input : PT-100 Output : 1 Relay SSR Control Action : PID/ON-OFF (Configurable) Supply : 100-270V AC
TC-421P	48 X 48 X 70	2180	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	2655	Input : J/K (Configurable) Output 1 : 1 Relay SSR Output 2 : Relay/SSR (Factory Set) Control Action : PID/ON-OFF (Configurable) Supply : 100-270V AC
TC-443	48 X 48 X 70	3125	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		545	

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER SINGLE RELAY (4+4 DIGIT), (HSN - 90328910)			Multi Input
Model	Size (H X W X D)mm	MRP	Item Description
UTC-121G+	96 X 96 X 54	2850	Input : J/K/Pt-100/R/S/T/N/B/E (Configurable) Output : 1 Relay SSR Control Action : PID/ON-OFF (Configurable) Supply : 100-270V AC
UTC-221G+	72 X 72 X 85	2850	
UTC-421G+	48 X 48 X 95	2850	

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	2730	Input : J/K/Pt-100 (Configurable) Output : 1 Relay SSR Control Action : PID/ON-OFF (Configurable) Supply : 100-270V AC
UTC-221G	72 X 72 X 85	2730	
UTC-321P	96 X 48 X 85	3190	

DOUBLE DISPLAY UNIVERSAL INPUT PID CONTROLLER DOUBLE RELAY (HSN - 90328910)			Multi Input
Model	Size (H X W X D)mm	MRP	Item Description
UTC-1202G+	96 X 96 X 54	3450	Input : J/K/Pt-100/R/S/T/N/B/E (Configurable) Output 1 : 1 Relay SSR Output 2 : 1 Relay / SSR (Factory Set) Control Action : PID/TP/ON-OFF (Configurable) Supply : 100-270V AC/DC
UTC-2202G+	72 X 72 X 85	3450	
UTC-4202G+	48 X 48 X 95	3450	

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	3335	Input : J/K/Pt-100 (Configurable) Output 1 : 1 Relay SSR Output 2 : 1 Relay / SSR (Factory Set) Control Action : PID/TP/ON-OFF (Configurable) Supply : 100-270V AC/DC
UTC-2202G	72 X 72 X 85	3335	
UTC-3202	96 X 48 X 85	3650	

UNIVERSAL INPUT PID CONTROLLER WITH ANALOG OUTPUT & MODBUS FACILITY (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
UTC-1203	96 X 96 X 54	4115	Input : J/K/Pt-100/R/S/T/N/B/E Selectable Output : 1 Relay SSR + 2 Relay Supply : 100-270V AC/DC
UTC-1203-M1	96 X 96 X 54	4900	Input : J/K/Pt-100/R/S/T/N/B/E Selectable Output : 1 Relay SSR + 2 Relay + RS 485-Modbus Supply : 100-270V AC/DC
UTC-1203A	96 X 96 X 54	4540	Input : J/K/Pt-100/R/S/T/N/B/E Selectable Output : 1 Relay SSR + 2 Relay + 4 to 20mA DC / 0 to 10V DC (Factory Set) Supply : 100-270V AC/DC
UTC-1203A-M1	96 X 96 X 54	5265	Input : J/K/Pt-100/R/S/T/N/B/E Selectable Output : 1 Relay SSR + 2 Relay + RS 485-Modbus + 4 to 20mA DC / 0 to 10V DC (Factory Set) Supply : 100-270V AC/DC

UTC-4201A	48 X 48 X 95	2715	Input : J/K/Pt-100 Output : 1 Relay + 4-20mA/0-10V DC (Factory Set), Supply : 100-270V AC
UTC-4203	48 X 48 X 95	3875	Input : J/K/Pt-100/R/S Selectable Output : 1 Relay SSR + 2Relay Supply : 100-270V AC/DC
UTC-4203-M1	48 X 48 X 95	4600	Input : J/K/Pt-100/R/S Selectable Output : 1 Relay SSR + 2Relay + RS-485 Modbus Supply : 100-270V AC/DC
UTC-4203A	48 X 48 X 95	4235	Input : J/K/Pt-100/R/S Selectable Output : 1 Relay SSR + 2Relay + + 4 to 20mA DC / 0 to 10V DC (Factory Set) Supply : 100-270V AC/DC
UTC-4204A-M1	48 X 48 X 95	5420	Input : J/K/Pt-100/R/S Selectable Output : 4 Relay + RS-485 Modbus + 4 to 20mA DC / 0 to 10V DC (Factory Set) Supply : 100-270V AC/DC
UTC-3203	96 X 48 X 75	4060	Input : J/K/PT-100 (Configurable) Output : 3 Relay Control Action : PID/TP/ON-OFF (Configurable) Supply : 100-270V AC/DC

**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	4910	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	5490	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	5960	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	6690	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	3980	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	4150	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	5170	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	5320	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	5685	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC/0-75mV DC Output : 2 Relay, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-352A (5 Digit)	48 X 96 X 75	6730	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC/0-75mV DC Output : 2 Relay + 4-20mA/0-10V DC (Factory Set) + with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-352-M1 (5 Digit)	48 X 96 X 75	6915	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC/0-75mV DC Output : 2 Relay + RS-485 Modbus, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-352A-M1 (5 Digit)	48 X 96 X 75	7960	Input : J/K/E/T/B/R/S/PT-100/ 4-20mA/0-20mA/0-10V DC/0-75mV DC Output : 2 Relay + 4-20mA/0-10V DC (Factory Set) + RS-485 Modbus, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4202	48 X 48 X 95	3985	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 2 Relay, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4202A	48 X 48 X 95	4300	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 2 Relay + 4-20mA/0-10V DC (Factory Set), with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4202-M1	48 X 48 X 111	5170	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 2 Relay + RS-485 Modbus, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4202A-M1	48 X 48 X 111	5320	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 2 Relay + 4-20mA/0-10V DC (Factory Set) + RS-485 Modbus, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4203A	48 X 48 X 95	5025	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 3 Relay + 4-20mA/0-10V DC (Factory Set), with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4203-M1	48 X 48 X 111	6050	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 3 Relay + RS-485 Modbus, with 24V DC Transmitter Supply Supply : 100-270V AC/DC
PTC-4203A-M1	48 X 48 X 111	6195	Input : J/K/R/S/Pt-100/4-20mA DC/0-10V DC/0-20mA DC Output : 3 Relay + 4-20mA/0-10V DC (Factory Set) + RS-485 Modbus, with 24V DC Transmitter Supply Supply : 100-270V AC/DC

PID CONTROLLER WITH AMPERE INDICATOR (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
PID-2301-1C	72 X 72 X 85	2965	Input : J/K (Configurable) Output : 1 Relay SSR Control Action : PID/TP/ON-OFF (Configurable) , with 30A/60A Single CT Supply : 100-270V AC/DC
PID-2302-1C	72 X 72 X 85	3330	Input : J/K (Configurable) Output : 1 Relay SSR + 1 Relay Control Action : PID/TP/ON-OFF (Configurable) , with 30A/60A Single CT Supply : 100-270V AC
PID-2303-1C	72 X 72 X 85	3690	Input : J/K (Configurable) Output : 1 Relay SSR + 2 Relay Control Action : PID/TP/ON-OFF (Configurable) , with 30A/60A Single CT Supply : 100-270V AC
PID-2303-3C	72 X 72 X 85	4540	Input : J/K (Configurable) Output : 1 Relay SSR + 2 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	5750	Input : J/K (Configurable) Output : 1 Relay Control Action : PID/TP/ON-OFF (Configurable) , with 30A/60A Single CT Supply : 100-270V AC
Optional RS-485 In PID-2303 Available		1230	

PROFILE CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
PRC-1202	96 X 96 X 110	7770	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 : 100-270V 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	5355	Input : PT-100 + Humidity sensor (RH-100) Output : 1 R For temperature + 1R For Humidity Supply : 100-270V AC
MHT-1202+MRH-95	96 X 96 X 54	5120	Input : PT-100 + Humidity sensor (MRH-95) Output : 1 R For temperature + 1R For Humidity Supply : 100-270V AC
MHT-2202+RH-100	72 X 72 X 85	3715	Input : PT-100 + Humidity sensor (RH-100) Output : 1 R For temperature + 1R For Humidity Supply : 100-270V AC/DC
MHT-2202+MRH-95	72 X 72 X 85	3600	Input : PT-100 + Humidity sensor (MRH-95) Output : 1 R For temperature + 1R For Humidity Supply : 100-270V AC/DC
RHC-1202+RH-100	96 X 96 X 54	5150	Input : Humidity sensor (RH-100) Output : 2 R For Humidity Supply : 100-270V AC
MHC-1101+RH-100	96 X 96 X 54	4885	Input : Humidity sensor (RH-100) Output : 1 Relay Supply : 100-270V AC
MHC-1101+MRH-95	96 X 96 X 54	4650	Input : Humidity sensor (MRH-95) Output : 1 Relay Supply : 100-270V AC
MHC-221+RH-100	72 X 72 X 45	3375	Input : Humidity sensor (RH-100) Output : 1 Relay Supply : 100-270V AC/DC
MHC-221+MRH-95	72 X 72 X 45	3265	Input : Humidity sensor (MRH-95) Output : 1 Relay Supply : 100-270V AC/DC
MHC-512+RH-100	37 X 78 X 70	3940	Input : Humidity sensor (RH-100) Output : 2 R For Humidity Supply : 100-270V AC
MHC-512+MRH-95	37 X 78 X 70	3715	Input : Humidity sensor (MRH-95) Output : 2 R For Humidity Supply : 100-270V AC
RS-485 Modbus Output Available in MHT-1202 & RHC-1202		1230	
Retransmission Output		995	

DUAL INPUT INDICATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
DPI-122	96 X 96 X 54	4025	Input 1 : 4-20mA DC/0-20mA DC/0-10V DC/ PT-100 (Factory set)
Options : 1 Relay Output		850	Input 2 : 4-20mA DC/0-20mA DC/0-10V DC/ PT-100 (Factory set) Supply : 100-270V AC
24V DC Transmitter supply @30 mA		850	
RS-485 Modbus		1230	
DPI-1824	96 X 96 X 54	6455	Dual Input : 4-20mA DC/0-20mA DC/0-10V DC/ PT-100 (Selectable) Output : 2 Relay + 24V DC Transmitter Supply Supply : 100-270V AC
Options : Additional 2 Relay Output		1700	
Dual Retransmission Output		1990	

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	1790	Range : -999 to 9999 Input : 4-20mA/0-20mA/0-10V DC (Selectable) Supply : 100-270V AC
PI-21	72 X 72 X 45	1790	
PI-38	48 X 96 X 26	2070	
PI-41	48 X 48 X 46	1790	
PI-54	38 X 62 X 63	3410	

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	3310	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	3270	
Options : Additional 1 Relay (PIC-1102)		850	
Retransmission output available in PIC-1101		995	
RS-485 MODBUS		1230	
PIC-4202	48 X 48 X 95	4040	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	12225	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	7110	Touch Screen Display Input : 8 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	1990	Input : J/K/PT-100 (Factory Set) Output : 4-20mA, Head Mounting Supply : 24V DC Loop Powered
LPT-63	76 x 27 x 116	2430	Input : J/K/PT-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 75 X 110	4845	Input : 3 Wire 10K Pot, Output : 0 to 10V DC (Up to 6 Channel) Supply : 230V AC
SN-126-5	75 X 75 X 110	5780	
SN-126-6	75 X 75 X 110	7420	

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	5315	Input : 2mV/V or 3mV/V Excitation Voltage : 10V DC Output : 1 Relay Supply : 100-270V AC
Options : Additional 1 Relay		850	
Retransmission Output		995	
RS-485 Modbus		1230	

SIGNAL ISOLATOR (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
MI-431	100 X 12.5 X 115	3675	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	4625	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	5325	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	2480	Input : 4-20mA/0-20mA/0-10V DC (Factory set) Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC/DC OR 24V DC
MI-632	76 X 27 X 85	2815	Input : 4-20mA/0-20mA/0-10V DC (Factory set) Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC/DC OR 24V DC
MI-631P	76 X 27 X 85	3155	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	2950	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	3390	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	3140	Input : 0-5A AC / 0-1A AC (Factory Set) Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC/DC OR 24V DC
CTR-632	76 X 27 X 85	3635	Input : 0-5A AC / 0-1A AC (Factory Set) Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC/DC OR 24V DC
VTR-63	76 X 27 X 85	3505	Input : AC Voltage Output : 4-20mA/0-20mA/0-10V DC (Single Channel) Supply : 100-270V AC/DC OR 24V DC
VTR-632	76 X 27 X 85	3910	Input : AC Voltage Output : 4-20mA/0-20mA/0-10V DC (Dual Channel) Supply : 100-270V AC/DC 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	8005	Range : 8D Total flow, 5D Flow Rate
Options : Additional 1 Relay		850	Input : 4-20mA
Retransmission Output		995	Output : 1 Relay + 24V DC Transmitter Supply
RS-485 Modbus		1230	Supply : 100-270V AC
MFC-1058P	96 X 96 X 54	8005	Range : 8D Total flow, 5D Flow Rate
Options : Additional 1 Relay		850	Input : Pulse
Retransmission Output		995	Output : 1 Relay + 24V DC Transmitter Supply
RS-485 Modbus		1230	Supply : 100-270V AC
MFC-3086P	48 X 96 X 65	8005	Range : 8D Total flow, 6D Flow Rate
Options : RS-485 Modbus		1230	Input : Pulse
Retransmission Output		995	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	6245	Range : -999 to 9999
SPI-424 (4 Mode)	48 X 48 X 70	6760	Input : 4-20mA/0-20mA/0-10V DC (Selectable)
SPI-427 (7 Mode)	48 X 48 X 70	7500	Supply : 100-270V AC
Note : Auxiliary supply 24V DC Available in selected model		545	

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	6330	Input : J/K/Pt-100 (Selectable) Supply : 100-270V AC
MS-1208A	96 X 96 X 54	6330	Input : 4-20mA/0-20mA/0-10V DC (Selectable) Supply : 100-270V AC
MS-1208-M1	96 X 96 X 54	8120	Input : J/K/Pt-100 (Selectable) Output : RS-485 Modbus Supply : 100-270V AC
MS-1208A-M1	96 X 96 X 54	8120	Input : 4-20mA/0-20mA/0-10V DC (Selectable) Output : RS-485 Modbus Supply : 100-270V AC
TSC-9084	96 X 96 X 76	14645	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U (8 Channel) Output : 4 Relay Supply : 100-270V AC/DC
TSC-9084-M1	96 X 96 X 76	17235	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U (8 Channel) Output : 4 Relay + RS-485 Modbus Supply : 100-270V AC/DC
TSC-9084U	96 X 96 X 76	21880	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U (8 Channel) Output : 4 Relay + USB Port Supply : 100-270V AC/DC
TSC-9084U-M1	96 X 96 X 76	22660	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U (8 Channel) Output : 4 Relay + USB Port + RS-485 Modbus Supply : 100-270V AC/DC
PSC-9084	96 X 96 X 76	21570	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (8 Channel) Output : 4 Relay Supply : 100-270V AC/DC
PSC-9084-M1	96 X 96 X 76	24665	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (8 Channel) Output : 4 Relay + Modbus Supply : 100-270V AC/DC
PSC-9084U	96 X 96 X 76	28855	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (8 Channel) Output : 4 Relay + USB Port Supply : 100-270V AC/DC
PSC-9084U-M1	96 X 96 X 76	32350	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (8 Channel) Output : 4 Relay + USB Port + Modbus Supply : 100-270V AC/DC
MS-L14 (Touch Screen)	96 X 96 X 66	17035	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	18265	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 - 4 Channel (HSN - 90303390)

Model	Size (H X W X D)mm	MRP	Item Description
PSC-9044	96 X 96 X 66	16360	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (4 Channel) Output : 4 Relay Supply : 100-270V AC/DC
PSC-9044-M1	96 X 96 X 66	18360	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (4 Channel) Output : 4 Relay + Modbus Supply : 100-270V AC/DC
PSC-9044U	96 X 96 X 66	20880	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (4 Channel) Output : 4 Relay + UCB Port Supply : 100-270V AC/DC
PSC-9044U-M1	96 X 96 X 66	22880	Input : J/K/Pt-100/R/S/T/N/B/E/C/L/U/ 1-5V DC/0-10V DC/4-20mA DC/0-20mA DC (4 Channel) Output : 4 Relay + USB Port + Modbus Supply : 100-270V AC/DC

PROCESS SCANNER & DATA LOGGER - 16 Channel (HSN - 90303390)			
MS-5716	192 X 96 X 168	21720	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	28390	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	25470	Input : J/K/PT-100/4-20mA/0-20mA/0-10V DC (Selectable) Output : RS-485 Modbus Supply : 100-250V AC
MS-5716U	192 X 96 X 168	28495	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	34745	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	34390	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	33690	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	35260	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		880	

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	8040	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	10080	
UTI-6004 (Single Side)	160 X 380 X 55	9845	Input : J/K/PT-100/R/S (Selectable) Display : 4 Inch, 4 Digit Supply : 100-270V AC
UTI-6004 (Dual Side)	160 X 380 X 75	15030	
Option : Additional 2 Relay in UTI 6004		850	

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	11955	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	17430	

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	9150	Input : 4-20mA/0-10V DC/0-20mA (Selectable) Display : 2.25 Inch, 4 Digit Supply : 100-270V AC
PIC-3004A (Dual Side)	130 X 235 X 75	11600	
PIC-6004A (Single Side)	130 X 380 X 55	12510	Input : 4-20mA/0-10V DC/0-20mA (Selectable) Transmitter supply : 24V DC Display : 4 Inch, 4 Digit Supply : 100-270V AC
PIC-6004A (Dual Side)	130 X 380 X 75	17080	
PTC-8004A (Single Side)	325 X 650 X 50	33445	Input : 4-20mA/0-10V DC/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	14880	Input : 4-20mA/0-10V DC/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	19065	
Options : Additional 2 Relay		850	

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	10705	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	14335	
MSI-6004 (Single Side)	160 X 380 X 55	15505	Input : NPN/PNP Encoder Display : 4 Inch, 4 Digit Parameter : MPM Supply : 100-270V AC
MSI-6004 (Dual Side)	160 X 380 X 75	19015	

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	28665	Range : 6 Digit Total Legth, 4 Digit MPM Input : Proximity (NPN/PNP), Diameter Selectable Output : 1R On Total length, Double Display (2.25 Inch Each) Supply : 100-250V AC
LC-9004 (Dual Side)	160 X 375 X 55	40775	
Option : RS-485 Modbus Output		1815	

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	9590	Input : NPN/PNP Proximity / Microswitch (Selectable) Display : 2.25 Inch, 4 Digit Parameter : Counter Supply : 100-270V AC
PC-3004 (Dual Side)	160 X 235 X 75	12040	
PC-6004 (Single Side)	130 X 380 X 55	16250	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	19535	
PC-6006 (Single Side)	165 X 570 X 55	24200	Input : NPN/PNP Proximity / Microswitch (Selectable) Display : 4 Inch, 6 Digit Parameter : Counter Supply : 100-270V AC
Options : Additional 1 Relay		850	

JUMBO DISPLAY HUMIDITY + TEMPERATURE CONTROLLER (HSN - 90328910)			
Model	Size (H X W X D)mm	MRP	Item Description
MHT-9044 + RH-100	160 X 375 X 55	39470	Input : PT-100 + RH sensor Output : 1R For temperature + 1R For Humidity Double Display (2.25 Inch Each) Supply : 100-270V AC, with RH-100 Sensor

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	11525	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	15035	
MPM-6004/RPM-6004 (Single Side)	160 X 380 X 55	14625	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	18545	

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	35850	Input : RS-485 MODBUS Display : 8 Inch, 4 Digit Supply : 100-270V AC
RS-6004 (Single Side)	160 X 380 X 55	15610	Input : RS-485 MODBUS Display : 4 Inch, 4 Digit Supply : 100-270V AC
RS-6004 (Dual Side)	160 X 380 X 75	19470	Input : RS-485 MODBUS Display : 4 Inch, 4 Digit Supply : 100-270V AC
RS-6006 (Single Side)	165 X 570 X 55	22625	Input : RS-485 MODBUS Display : 4 Inch, 6 Digit Supply : 100-270V AC
Note : 24V DC Aux.Supply Available in All Jumbo Display		850	

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	1645	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	1645	
DTT-3000	48 X 96 X 26	1645	
DTT-4000	48 X 48 X 95	3085	
DTT-56G	36 X 62 X 63	1645	
DTT-5000	36 X 72 X 72	1645	

THUMBWHEEL 3 DIGIT TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
MDT-3300	96 X 48 X 85	2470	Range : 0-.99/9.9/9.99/99.9/999 Sec/Min (Factory Set) Output : 1R2C/O Supply : 230V AC
MDT-1300ST	96 X 96 X 54	2470	
MDT-2300ST	72 X 72 X 45	2470	

THUMBWHEEL 3 DIGIT TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
MDT-1310	96 X 96 X 50	2195	Range : 99.9/999 Sec/Min Selectable Ondelay Timer Output : 1R2C/O Supply : 230V AC
MDT-2312	72 X 72 X 45	2195	

THUMBWHEEL 3 DIGIT TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
MDT-1310F	96 X 96 X 50	2340	Range : 9.99/99.9/999 Sec/Min/Hour Selectable Ondelay Timer / Off Delay Timer Output : 1R2C/O Supply : 100 - 270V AC
MDT-2312F	72 X 72 X 45	2340	
MDT-4310F	48 X 48 X 100	2075	

UNIVERSAL RANGE DIGITAL TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
UTR-1033	96 X 96 X 43	2405	Range : 0-999 Sec/Min/Hour Selectable Ondelay Timer / Off Delay / Cyclic Timer Output : 1R2C/O Supply : 100 - 270V AC
UTR-2033	72 X 72 X 45	2405	
UTR-433	48 X 48 X 70	2405	
UTR-1244	96 X 96 X 54	3220	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	3220	
UTR-4244	48 X 48 X 70	3220	
CTU-4244	48 X 48 X 70	3960	Range : 0-999 Sec/Min/Hour Selectable, 0-9999 Count Output : 2R1C/O, Supply : 100 - 270V AC
UTR-413	48 X 48 X 70	1875	Single Display, Ondelay Timer / Off Delay / Cyclic Timer Output : 1R2C/O Supply : 100 - 270V AC

SEQUENTIAL TIMER (HSN - 85369090)

Model	Size (H X W X D)mm	MRP	Item Description
SQT-1244	96 X 96 X 54	9435	12 Channel Sequential Timer Output : 12 Relay Supply : 100 - 270V AC
SQT-1044		6285	8 Channel Sequential Timer Output : 8 Relay, With Cascade Facility Supply : 100 - 270V AC
SQT-1022		3535	4 Channel Sequential Timer Output : 4 Relay Supply : 100 - 270V AC
CMT-1044		6605	8 Channel Combinational Timer Output : 8 Relay Supply : 100 - 270V AC
CMT-1022		3910	4 Channel Combinational Timer Output : 4 Relay Supply : 100 - 270V AC

DIN RAIL DISPLAY TIME / 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 63	1010	Range : 0.1 Second to 30 Hours (Selectable) Input : 1R1C/O Supply : 230V AC & 24V DC
DI-22U+ On-Off Delay Timer		1490	Range : 0.1 Second to 30 Hours (Selectable) Input : 1R2C/O Supply : 12 to 240V DC & 20 to 240V DC
FRT-22U Forward - Reverse Timer		1480	Range : 0.1 Second to 10 Hours (Selectable) Input : 2R1C/O Supply : 12 to 240V DC & 20 to 240V DC
CYL-22U Cyclic Timer	90 X 22.5 X 63	1515	Range : 0.1 Second to 10 Hours (Selectable) Input : 1R2C/O Supply : 12 to 240V DC & 20 to 240V DC
DT-10S/30S/60S		910	Range : 10S/30S/60S Input : 1R1C/O Supply : 230V AC/415V AC
DT-10S-4/30S-4/60S-4		1120	
SDX-22		1315	Range : 1 Sec to 60 Sec Input : 2R1C/O Supply : 230V AC/415V AC
SD-22 Star-Delta Timer		1070	
POD-30S Power Off Delay Timer		4055	Range : 1 Sec to 360 Sec Input : 1R2C/O Supply : 100-270V AC
UTR-35		90 X 35 X 62	1395
MDT-17U (Multi Program Timer)	90 X 17.5 X 62	1315	Range : 0.1 Sec to 3 Hours Mode : 10 Program Supply : 12 to 240V DC & 20 to 240V AC
MDT-17X (Multi Program Timer + NFC Configurable)	90 X 17.5 X 62	1435	Range : 0.1 Sec to 999 Hours Mode : 11 Program Supply : 12 to 240V DC & 20 to 240V AC

PROGRAMMABLE COUNTERS

COUNTER TOTALISER (HSN - 902910910)

Model	Size (H X W X D)mm	MRP	Item Description
CT-1000	96 X 96 X 40	1645	Range : 0 - 999999 Count Input : Proximity (NPN/PNP) / 230V AC (Factory Set) Supply : 230V AC
CT-2000	72 X 72 X 36	1645	
CT-3000	48 X 96 X 26	1645	
CT-5000	36 X 72 X 93	1645	
CT-56G	38 X 62 X 63	1645	

RPM INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
RPM-1201	96 X 96 X 40	1815	Range : 4-5000 RPM Input : Proximity (NPN/PNP) Supply : 230V AC
RPM-2201	72 X 72 X 36	1815	
RPM-3201	48 X 96 X 26	1815	
RPM-4201	48 X 48 X 70	1815	

THUMBWHEEL COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
TWS-1400F	96 X 96 X 50	3850	Range : 0-9999 Count Input : Proximity (NPN/PNP) Output : 1R2CO Supply : 100-270V AC with power fail memory facility
TWS-2500F	72 X 72 X 45	3850	

THUMBWHEEL COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
TWS-1400-5D	96 X 96 X 100	4420	Range : 5D/6D Count Input : Proximity (NPN/PNP) Output : 1R2CO Supply : 100-270V AC
TWS-2500-5D	72 X 72 X 100	4420	
TWS-1400-6D	96 X 96 X 100	4935	
TWS-1400ST	96 X 96 X 50	3320	Range : 0-9999 Count Input : Proximity PNP Output : 1R2CO Supply : 100-270V AC
TWS-2500ST	72 X 72 X 100	3320	

MPM INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MPM-1044	96 X 96 X 54	4025	Range : 0-9999 MPM Input : Proximity (NPN/PNP) Supply : 100-270V AC
MPM-2044	72 X 72 X 85	4025	

MPM RATIO INDICATOR (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
MSI-2044	72 X 72 X 85	7650	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	4720	Range : 0-9999 RPM Input : Proximity (NPN/PNP) Output : 1R1C/O Supply : 100-270V AC
RPM-2044	72 X 72 X 85	4720	
Options : Additional 1 Relay		850	

RPM INDICATOR WITH RETRANSMISSION OUTPUT (HSN - 90291090)

RPM-1044RT	96 X 96 X 54	5960	Range : 0 - 9999 RPM Input : Proximity (NPN/PNP) Output : 4-20mA/0-10V DC Retransmission Supply : 100-270V AC
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PROGRAMMABLE COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
PC-3006	48 X 96 X 120	2845	Range : 0 - 9999 Count Input : Proximity (NPN/PNP) Output : 1R1C/O, Single Display Supply : 230V AC
PC-1044	96 X 96 X 54	2565	Range : 0 - 9999 Count Input : Proximity (NPN/PNP) Output : 1R1C/O, Double Display Supply : 100-270V AC
PC-2044	72 X 72 X 45	2565	
PC-444	48 X 48 X 70	2565	
Options : Additional 1 relay in PC-1044,2044		850	

PROGRAMMABLE LENGTH COUNTER (HSN - 90291090)

Model	Size (H X W X D)mm	MRP	Item Description
LC-1046D	96 X 96 X 43	2595	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	2595	
LC-445 (5 Digit)	48 X 48 X 95	2770	
LC-3006	48 X 96 X 120	2650	
Options : Additional 1 Relay available in LC-1046D, LC-2046		850	
Encoder Input available in LC-1046D, LC-2046		1140	
LC-1058-M1	96 X 96 X 54	5665	Range : 8 Digit Total Length, 5 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 76	8775	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	2595	Range : 6 Digit Total Count, 4 Digit Count Input : Proximity (NPN/PNP) Output : 1R1C/O On Batch Count Double Display Supply : 230V AC
BC-2046	72 X 72 X 45	2595	
BC-445 (5 Digit)	48 X 48 X 95	2770	
Options : Additional 1 Relay available in BC-1046D, BC-2046		850	

TABLET COUNTER (HSN - 90291090)			
Model	Size (H X W X D)mm	MRP	Item Description
TBC-1058	96 X 96 X 54	6250	Range : 8 Digit Total Count, 5 Digit 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	3100	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	3100	
CLUTCH BRAKE CONTROLLER (HSN - 90291090)			
Model	Size (H X W X D)mm	MRP	Item Description
MMC-1046T	96 X 96 X 54	6690	Input : CMS + NPN Proximity Output : 1 Relay to Operate Clutch & Brake Supply : 100-250V AC
MC-1003	96 X 96 X 54	9980	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	1350	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	1690	Input : NPN / PNP Proximity Range : 1 to 99% Output : 0 to 110V AC Corresponding to percentage input, 10A Load Capacity 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	5350	Input : CMS + NPN Proximity Output : Forward & Reverse Winding @2A, 110V AC & Buzzer Output for batch count Supply : 110V AC
MPC-1062D	96 X 96 X 50	5350	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	5970	Input : CMS + NPN Proximity Output : Forward & Reverse Winding @2A, 110V AC Supply : 110V AC
MPC-5062	192 X 96 X 130	5970	Input : CMS + NPN Proximity Output : Forward & Reverse Winding @2A, 230V AC Supply : 230V AC

FFS CONTROL UNIT (HSN - 90291090)			
Model	Size (H X W X D)mm	MRP	Item Description
PFLC-68 (Touch Screen Display)	96 X 96 X 54	20995	Input : CMS +1 or 2 NPN Proximity, Batch cutter proximity Output For Clutch & Brake@2A, 24V DC + 8 Relay Supply : 24V DC
MPC-1065 (LCD Display)	96 X 96 X 50	13865	Input : CMS +1 or 2 NPN Proximity, Batch cutter proximity Output For Clutch & Brake@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-01X	65 X 90 X 35	2855	NPN/PNP Type, Sensing Distance : 10 to 15mm
CMS-1X	56 X 80 X 30	2855	NPN/PNP Type, Sensing Distance : 4 to 8mm
CMS-5X	28 X 60 X 44	6990	NPN/PNP Type, Sensing Distance : 10 to 15mm

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	980	Input : 0-5A AC Direct Or CT Selectable upto 5/5 to 4000/5A Supply : 230V AC
AV-24	72 X 72 X 36	980	
AV-34	48 X 96 X 26	980	
AV-41CT	48 X 48 X 46	980	

DIGITAL AMPERE METER WITH 30A DIRECT (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-11A	96 X 96 X 63	1330	Input : 0-30A AC Direct Supply : 230V AC
AV-21A	72 X 72 X 56	1330	
AV-31A	48 X 96 X 46	1330	
AV-41A	48 X 48 X 66	1330	

DIGITAL VOLT METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-11V	96 X 96 X 40	980	Input : 30-500V AC Supply : 230V AC
AV-21V	72 X 72 X 36	980	
AV-31V	48 X 96 X 26	980	
AV-41V	48 X 48 X 46	980	

DIGITAL AMPERE + VOLT METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-12	96 X 96 X 43	1560	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	1560	
AV-33	48 X 96 X 66	1560	
Note : Direct upto 30A AC		335	
AV-44	48 X 48 X 46	1560	Input Volt : 0-500V AC, Ampere : 30.0A 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	1545	Range : 0-20.0A DC Direct Supply : 100-270V AC/DC
AV-24DZ	72 X 72 X 60	1545	
AV-34DZ	48 X 96 X 66	1545	

DIGITAL DC AMPERE METER (HSN - 90303310)

Model	Size (H X W X D)mm	MRP	Item Description
AV-14DA	96 X 96 X 40	1180	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	1180	
AV-34DA	48 X 96 X 66	1180	
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	1180	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	1180	
AV-34DV	48 X 96 X 66	1180	
AV-41DV (3 Digit)	48 X 96 X 66	1180	

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	2725	Current Range : Multirange - 999A DC to 9999A DC Selectable Voltage Range : 1000 DC Supply : 24-270V AC/DC
DC-24	72 X 72 X 45	2725	
VAW-34DC	48 X 96 X 26	2645	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		1230	
Output 2 Relay		725	

SINGLE PHASE FREQUENCY METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
FRQ-11	96 X 96 X 54	1235	Range : 45.0 to 65.0Hz Supply : 230V AC
FRQ-21	72 X 72 X 36	1235	
FRQ-31	48 X 96 X 26	1235	

SINGLE PHASE WATT METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
WM-11	96 X 96 X 43	3260	Range : 0 to 1250 Watt (4 Digit, Range : 0 to 1250 Watt, 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	2530	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	1290	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	2895	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	2935	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	4175	CT Ratio Selectable upto 5/5 to 4000/5A 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		1230	
2 Relay Output on KW (EPM-142)		725	

THREE PHASE AMPERE & VOLTMETER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
AMP-23	72 X 72 X 45	1665	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	1665	
VOLT-23	72 X 72 X 36	1770	4 Digit 1 Line Display Primary PT : 100 to 999Kv AC (L-L) Secondary PT : 100 to 520V AC (L-L) Supply : 100-270V AC/DC
VOLT-13	96 X 96 X 43	1770	
VOLT-19	96 X 96 X 43	2340	3 Digit 3 Line Display Range : 50-500V AC (L-L), 300-300V AC (L-N) Supply : 100-270V AC/DC
AMP-19	96 X 96 X 43	2510	3 Digit 3 Line Display CT Ratio Selectable upto 0 to 6000A/5A AC Supply : 100-270V AC/DC
RS-485 MODBUS (AMP-13-M1)		1230	

AVF METER (HSN - 90303390)			
Model	Size (H X W X D)mm	MRP	Item Description
AVF-19D	96 X 96 X 43	2395	CT Ratio Selectable upto 6000/5A AC 3 Phase - 3W/4W, 1 Phase - 2W Supply : 230V AC
AVF-19T	96 X 96 X 43	2395	CT Ratio Selectable upto 9999/5A AC 3 Phase - 3W/4W, 1 Phase - 2W Supply : 100-270V AC/DC
AVF-29T	72 X 72 X 45	2505	CT Ratio Selectable upto 6000/5A AC 3 Phase - 3W/4W, 1 Phase - 2W Supply : 100-270V AC/DC
AVF-133 (6 Display)	96 X 96 X 54	2725	Current : 100mA to 5A AC CT Selectable, CT Selectable Voltage : 50-520V AC (L-L), 30-300V AC (L-N), 3 Phase - 3W/4W, 1 Phase - 2W Supply : 100-270V AC/DC
PM-133 (6 Display)	96 X 96 X 54	3210	Led 6 Line 3 Digit, CT Input : 3Ø, Voltage Input : 3Ø4W, CT Primary : 3000A, CT Secondary : 5A Supply : 100-270V AC/DC Parameter : A,V,HZ,PF,W
PM-112	96 X 96 X 54	2120	Led 6 Line 3 Digit, CT Input : 3Ø, Voltage Input : 3Ø4W, CT Primary : 9999A, CT Secondary : 5A Supply : Self Powered Parameter : A,V,HZ,PF,kW, kVA, kVAr
RS-485 MODBUS (AVF-133-M1)		1230	

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	3980	Current Range : 5A to 2000A AC, (1CT Input) Output : 1 Relay Supply : 100-270V AC/DC
CMR-232	72 X 72 X 85	3980	Current Range : 5A to 999A AC, (1CT Input) Output : 1 Relay Supply : 100-270V AC/DC
Additional one relay available in CC-122		850	

DEMAND CONTROLLER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
DMR-162	96 X 96 X 43	14715	8 Digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable upto 5/5 to 6000/5A AC, Parameters : L-L Voltage, L-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), Supply : 100-270V AC/DC Output : 2 Relay (ON Demand KW/KVA)
RS-485 Modbus (DMR-162-M1)		1270	

MOTOR PROTECTION DEVICE (HSN - 85363000)			
3 Digit 3 Line, Red Display, 3 Phase Current Indicator & Tripping			
Model	Size (H X W X D)mm	MRP	Item Description
MPD-192	96 X 96 X 54	4435	CT Ratio Selectable up to 5/5 to 6000/5A AC, 3 ϕ 3W/ 3 ϕ 4W Selectable , Output : 1 Relay for tripping parameters Tripping Facility : OV, UV, OC, UC, OF, UF, Unbalance, SPP, PS, NF, Short Circuit, Lock rotor point Supply : 100-270V AC/DC
With ELR Function (MPD-19EL)		5040	
MPD-194	96 X 96 X 62	9075	CT Ratio Selectable up to 5/5 to 9999/5A AC, 1 ϕ 2W / 3 ϕ 3W/ 3 ϕ 4W Selectable, Output : 2 Relay for tripping parameters Tripping Facility : OV, UV, OC, UC, OF, UF, Unbalance, SPP, PS, NF, Short Circuit, Lock rotor point + ELR With Winding Temperature Tripping Facility Supply : 50V-550V AC
RS-485 Modbus		1270	
MPD-1R	96 X 96 X 54	2060	CT Ratio Selectable up to 5/5 to 9999/5A AC, 1 ϕ 2W, Output : 1 Relay for tripping parameters Tripping Facility : OV, UV, OC, UC Supply : 100-270V AC/DC
MPD-152 (Din Rail - 55mm)	75 X 55 X 110	3195	CT Ratio Selectable up to 5/5 to 6000/5A AC, 3 ϕ 3W/ 3 ϕ 4W 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	2645	Voltage Range : 30 to 300V AC (L-N) / 50 to 520V AC (L-L) 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-33T	90 X 35 X 62	2450	Voltage Range : 160V-300V AC (L-N), 260-520V AC (L-L) Output : 2 Relay Tripping Facility : Over Voltage, Under Voltage , Phase Asymmetry, SPP, Phase Sequence, Over Frequency, Under Frequency Supply : Self Powered

CPR-22	90 X 22.5 X 72	1570	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	2190	Current Range : 0 to 999A AC, (1CT Input) Tripping Facility : Over Current, Under Current Output : 1 Relay Supply : 100-270V AC
CPR-35-3C	90 X 35 X 62	2815	Current Range : 0 to 999A AC, (3CT Input) Tripping Facility : Over Current, Under Current, SPP Output : 1 Relay Supply : 100-270V AC
VPR-22	90 X 22.5 X 72	1515	Voltage Range : 280 to 520V AC (L-L) Tripping Facility : Over Voltage, Under Voltage, Phase Asymmetry, Phase Loss, Phase Sequence Output : 1 Relay Supply : Self Powered
VPR-22U	90 X 22.5 X 72	1840	Voltage Range : 280 to 520V AC (L-L) Tripping Facility : Over Voltage, Under Voltage, Phase Asymmetry, Phase Loss, Phase Sequence, with Selectable Trip Delay Time Output : 1 Relay Supply : Self Powered
SVR-22	90 X 22.5 X 72	1180	Voltage Range : 160 to 300V AC (1Ø 2W) Tripping Facility : Over Voltage, Under Voltage Output : 1 Relay Supply : Self Powered
SVR-22U	90 X 22.5 X 72	1270	Voltage Range : 160 to 300V AC (1Ø 2W) Tripping Facility : Over Voltage, Under Voltage, with Selectable Trip Delay Time Output : 1 Relay Supply : Self Powered
VPR-17	90 X 17.5 X 62	2210	Voltage Range : 280 to 520V AC (L-L) Tripping Facility : Over Voltage, Under Voltage, Phase asymmetry, Phase Loss, Phase Sequence, With Selectable Trip Delay Time Output : 1 Relay Supply : Self Powered
VPR-17U	90 X 17.5 X 62	2695	Voltage Range : 170 to 528V AC (L-L) with Adjustable Rated Voltage Knob, Tripping Facility : Over Voltage, Under Voltage, Phase asymmetry, Phase Loss, Phase Sequence, With Selectable Trip Delay Time Output : 1 Relay Supply : Self Powered
PSR-17 (Single Phase Preventor)	90 X 17.5 X 62	1150	Voltage Range : 154 to 500V AC (L-L) Tripping Facility : Phase asymmetry, Phase Loss, Phase Sequence Output : 1 Relay Supply : Self Powered
SPP-17-E (Single Phase Preventor)	90 X 17.5 X 62	1210	Voltage Range : 280 to 500V AC (L-L) Tripping Facility : Phase asymmetry, Phase Loss Output : 1 Relay Supply : Self Powered
SPP-22-E (Single Phase Preventor)	90 X 22.5 X 67.5	995	Voltage Range : 280 to 520V AC (L-L) Tripping Facility : Phase asymmetry, Phase Loss Output : 1 Relay Supply : Self Powered
SPP-22 (Single Phase Preventor)	90 X 22.5 X 67.5	930	Voltage Range : 280 to 520V AC (L-L) Tripping Facility : Phase asymmetry, Phase Loss, Phase Sequence Output : 1 Relay Supply : Self Powered

V22-RYB (Single Phase Preventor)	90 X 22.5 X 72	1050	Voltage Range : 280A to 520V AC, (L-L) 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	1110	Voltage Range : 280A to 520V AC, (L-L) Output : 1 Relay Tripping Facility : Phase Asymmetry, Phase Loss, Supply : Self Powered
VR-3K	90 X 35 X 63	1970	Voltage Range : 280A to 520V AC, (L-L) Network Selection : 3Ø3W 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	1970	Voltage Range : 160V AC to 300V AC, (L-N) Network Selection : 3Ø4W Output : 1R2C/O Tripping Facility : Over Voltage, Under Voltage, Phase Asymmetry, Phase Loss, Phase Sequence, Neutral Loss Supply : Self Powered
VR-3K4	90 X 35 X 63	2090	Voltage Range : 130V to 300V AC, (L-N) Network Selection : 3Ø4W / 1Ø2W Output : 1R2C/O Tripping Facility : Over Voltage, Under Voltage, Phase Asymmetry, Phase Loss, Phase Sequence Supply : 240V AC
CR-3K	90 X 35 X 63	2120	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	2585	Voltage Range : 18V to 70V DC / 70-300V DC Output : 2 Relay Tripping Facility : Over Voltage, Under Voltage Supply : Self Powered

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	3320	Voltage Range : 30 to 300V AC (L-N) / 50 to 520V AC (L-L) Output : 2 Relay Tripping Facility : Over Voltage, Under Voltage , Phase asymmetry, SPP, Phase Sequence, Over Frequency, Under Frequency, Neutral Loss Supply : 50V-550V AC
VMR-13	96 X 96 X 43	2895	Voltage Range : 30 to 300V AC (L-N) / 50 to 520V AC (L-L) Output : 1 Relay Tripping Facility : Over Voltage, Under Voltage , Phase asymmetry, SPP, Phase Sequence, Over Frequency, Under Frequency, Neutral Loss Supply : 50V-550V AC
VMR-232	72 X 72 X 45	3320	Voltage Range : 30 to 300V AC (L-N) / 50 to 520V AC (L-L) Output : 2 Relay Tripping Facility : Over Voltage, Under Voltage , Phase asymmetry, SPP, Phase Sequence, Over Frequency, Under Frequency, Neutral Loss Supply : 50V-550V AC
VMR-23	72 X 72 X 45	2895	Voltage Range : 30 to 300V AC (L-N) / 50 to 520V AC (L-L) Output : 1 Relay Tripping Facility : Over Voltage, Under Voltage , Phase asymmetry, SPP, Phase Sequence, Over Frequency, Under Frequency, Neutral Loss Supply : 50V-550V AC
CPR-19	96 X 96 X 54	3595	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	4660	Input : 3Ph-4W Mains Input + 230V AC DG, Pulse, 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	4215	Input : 10.00V AC Output : 1 Relay for Tripping Supply : 100-270V AC
ENR-35-M1	90 X 35 X 72	5440	
Options : RS-485 Modbus Communication in EN-19N		1270	

EARTH LEAKAGE RELAY (HSN - 85363000) & CBCT			
Model	Size (H X W X D)mm	MRP	Item Description
ELR-19N	96 X 96 X 54	3255	Input : 30mA to 30.00A AC through External CBCT Output : 2 Relay (1 Relay in ER-2K) External Test & Reset Key Supply : 100-270V AC/DC
ELR-11 (Display with Knob)	96 X 96 X 54	3255	
ELR-35	90 X 35 X 63	2595	
ER-2K	90 X 35 X 63	2240	
RS-485 Modbus in ELR-19N		1270	
EFR-35 (Earth Fault Relay)	90 X 35 X 63	2640	Input : 5 Amp through External CBCT Output : 2 Relay Supply : 100-270V AC/DC

EARTH LEAKAGE RELAY - BUILT IN CBCT (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
ECT-35D	40 X 75 X 102	2600	Input : 30mA to 3.00A AC through Internal CBCT Output : 1 Relay for Tripping -ID 35mm Built in CBCT Supply : 100-270V AC/DC
ECT-35 (Set By Knob)	40 X 75 X 102	2360	Input : 30mA to 3.00A AC through Internal CBCT Output : 1 Relay for Tripping -ID 35mm Built in CBCT Supply : 100-270V AC/DC
ECT-70D	40 X 75 X 102	3815	Input : 30mA to 30A AC through Internal CBCT Output : 1 Relay for Tripping -ID 70mm Built in CBCT Supply : 100-270V AC/DC
ECT-70 (Set By Knob)	40 X 75 X 102	3570	Input : 30mA to 30A AC through Internal CBCT Output : 1 Relay for Tripping -ID 70mm Built in 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	96 X 96 X 54	4380	LED 6+4+4+4 Digit Input : -75mV DC to 75mV DC -999A DC to 9999A DC 0V to 1500V DC Supply : 24-270V AC/DC
Option : RS-485 Modbus Communication		1270	
Option : 2 Relay Output		1635	

AC SINGLE PHASE MULTIFUNCTION METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
PM 11	96 X 96 X 54	3460	LED 3+3+3 Digit CT Input : 1 ϕ , Voltage Input : 1 ϕ 2W, CT Primary : 5A to 9999A, CT Secondary : 5A & 1A Selectable : 30V to 300V AC Supply : 100-270V AC/DC
Option : RS-485 Modbus Communication		1270	

THREE PHASE MULTIFUNCTION METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
MFM-11	96 X 96 X 54	3845	4 Digit 4 Line Red LED Display, Network Selection : 3Ø4W CT Primary : 9999A, CT Secondary : 5A AC, Voltage (L-L) : 50 to 520V AC, (L-N) 30 to 300V AC Parameters : L-L Voltage, L-N Voltage, Phase Current Active Power (KW), Energy (Kwh), Power Factor (PF) Apparent Power (KVA), Reactive Power (KVAR), Frequency Supply : 100-270V AC/DC
MFM-13	96 X 96 X 54	4720	4 Digit 3 Line Red LED Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-N Voltage, Phase Current Active Power (KW), Energy (Kwh), Power Factor (PF) Apparent Power (KVA), Reactive Power (KVAR), Frequency Supply : 100-270V AC/DC
AVH-14	96 X 96 X 54	4925	8 Digit 1 Line, 4 Digit 3 Line Red LED Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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) Supply : 100-270V AC/DC
AVH-16	96 X 96 X 54	9015	8 Digit 1 Line, 4 Digit 3 Line Red LED Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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), THD (V,I) , Supply : 100-270V AC/DC
AVH-16+	96 X 96 X 54	9595	8 Digit 1 Line, 4 Digit 3 Line Red LED Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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), THD (V,I) , Import-Export Energy, Neutral Current, Demand Measurement Supply : 100-270V AC/DC
PQM-14	96 X 96 X 54	6655	3 Line LCD Display, Network Selection : 3Ø4W CT Primary : 9999A, CT Secondary : 5A /1A AC PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-N Voltage, Phase Current Active Power (KW), Energy (Kwh), Power Factor (PF), Apparent Power (KVA), Reactive Power (KVAR), Frequency (F) Supply : 100-300V AC/DC
PQM-16	96 X 96 X 54	10285	5 Line LCD Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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), THD (V,I) , Import-Export Energy, Neutral Current, Demand Measurement Supply : 100-300V AC/DC
PQM-16+	96 X 96 X 54	19785	5 Line LCD Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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), THD (V,I) , Import-Export Energy, Neutral Current, Demand Measurement, Data Logging, Real Time Clock Supply : 100-300V AC/DC
PQM-18-M1	96 X 96 X 54	42775	Touch Screen Display, Network Selection : 3Ø4W / 3Ø3W / 1Ø2W CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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), THD (V,I), TDD Import-Export Energy, Neutral Current, Demand Measurement, Data Logging, Real Time Clock, Co2 KG, Alarms Supply : 100-300V AC/DC
Option : RS-485 Modbus Communication		1270	Supply : 100-300V AC/DC

DUAL SOURCE MULTIFUNCTION METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
DSM-14	96 X 96 X 54	5570	8 Digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable Upto 5/5 to 6000/5A AC, Parameters : L-L Voltage, L-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) Supply : 100-270V AC/DC (EB+DG)
DSM-11	96 X 96 X 54	4720	8 Digit 3 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		1270	

DIN RAIL MULTIFUNCTION METER (HSN - 90283090)			
Model	Size (H X W X D)mm	MRP	Item Description
EDC-351 (DC-MFM)	90 X 35 X 63	4235	Ampere : -999A DC to 9999A DC Voltage : -1000V to 1000V DC Supply : 24V to 270V AC/DC
EPM-35-M1 (AC-MFM)	90 X 35 X 63	4325	8 Digit 1 Line, 4 Digit 3 Line Red LED Display, CT Ratio Selectable Upto 5/5 to 9999/5A AC, Parameters : L-L Voltage, L-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) Import - Export Energy, RS-485 Modbus Supply : 100-270V AC/DC
EPM-70 (DIN RAIL)	90 X 70 X 60	7865	LCD Display, CT Primary : 9999A, CT Secondary : 5A /1A AC, PT Primary : 100V to 520KV AC, PT Secondary : 100V to 520V AC Parameters : L-L Voltage, L-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), THD (V,I), Import-Export Energy, Neutral Current Supply : 100-300V AC/DC

AUTOMATIC POWER FACTOR CONTROLLER UPTO 16 STAGE (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
APFC-108	144 X 144 X 70	6300	Input : 2 Phase Voltage, 1 Phase CT, Output : 8/12/14/16 Output
APFC-112		7990	
APFC-114		10240	
APFC-116		14065	
APFC-9608	96 X 96 X 54	4950	Input : 2 Phase Voltage, 1 Phase CT, Output : 8 Relay, Supply : 100-270V AC
APFC-308	144 X 144 X 70	11590	Input : 3 Phase Voltage, 3 Phase CT, Output : 8/12/16 Output Supply : 100-270V AC
APFC-312		13355	
APFC-316		16580	

MULTI CHANNEL CURRENT TRANSDUCER (HSN - 90329000)			
Model	Size (H X W X D)mm	MRP	Item Description
MCS-63-360	76 X 27 X 85	2870	Input Current : 1A to 60A (3CT) Output : Modbus Supply : 24V DC
MCS-63-460		3570	Input Current : 1A to 60A (4CT) Output : Modbus Supply : 24V DC
MCS-63-660		4740	Input Current : 1A to 60A (6CT) Output : Modbus Supply : 24V DC
MCS-63-860		7665	Input Current : 1A to 60A (8CT) Output : Modbus Supply : 24V DC
MCS-63-3-100		4155	Input Current : 4A to 100A (3CT) Output : Modbus Supply : 24V DC

OVERLOAD RELAY (HSN - 85363000)			
Model	Size (H X W X D)mm	MRP	Item Description
OLR-05A	70 X 71 X 91	3775	Current Range : 0.1A to 5A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC
OLR-110		3775	Current Range : 1 to 10A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC
OLR-1030		3775	Current Range : 10A to 30A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC
OLR-1060		3775	Current Range : 10A to 60A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC
OLR-3060		3775	Current Range : 30A to 60A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC
OLR-25100		3775	Current Range : 25A to 100A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC
OLR-50100		3775	Current Range : 50A to 100A AC Tripping Facility : Over Current Output - 1 Relay Supply : 230V AC

AC-DC TESTING PANEL

Model	MRP	Item Description
AC-DC-15A	13460	4 Digit + 4 Line, 4 Digit 3 Line Red Display , Parameters : AC Parameters : Ampere, Voltage, Power Factor, Watt DC Parameter : Ampere, Voltage, Efficiency, Watt, Supply : 230V AC
Option : RS-485 Modbus Communication	1270	

DC DRIVES

PANEL MOUNTED (HSN - 85044029)

Model	Size (H X W X D)mm	MRP	Item Description
TD-144	140 X 140 X 190	6215	0.5 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 3A DC Supply : 230V AC
TD-144	140 X 140 X 190	6575	1.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 5A DC Supply : 230V AC
TD-144	140 X 140 X 190	7955	2.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 10A DC Supply : 230V AC
TD-144	140 X 140 X 190	8240	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	4680	0.5 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 3A DC Supply : 230V AC
TD-13M	170 X 235 X 85	5430	1 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 5A DC Supply : 230V AC
TD-13M	210 X 285 X 110	6520	2.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 10A DC Supply : 230V AC
TD-13M	210 X 285 X 110	6860	3.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 15A DC Supply : 230V AC
TD-13M	210 X 285 X 110	8695	5.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V 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	6830	0.5 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 3A DC Supply : 230V AC
TD-13B	160 X 240 X 95	7415	1.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 5A DC Supply : 230V AC
TD-13B	230 X 300 X 105	9170	2.0 HP Field Voltage : 210V DC Armature Voltage : 20-200V DC Output Current : 10A DC Supply : 230V AC
TD-13B	230 X 300 X 105	10175	3.0 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	450	Input Voltage : 4V - 32V DC Output Voltage : 24V - 480V AC, Load Current : 25A
RS-40A	62 X 45 X 25	510	Input Voltage : 4V - 32V DC Output Voltage : 24V - 480V AC, Load Current : 40A
RS-50A	62 X 45 X 25	950	Input Voltage : 4V - 32V DC Output Voltage : 24V - 480V AC, Load Current : 50A
RS-70A	62 X 45 X 25	1265	Input Voltage : 4V - 32V DC Output Voltage : 24V - 480V AC, Load Current : 70A
RS-40PA	62 X 45 X 25	1230	Input Voltage : 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	205	Current Capacity With RS 24A-16A, RS 40A-18A, RS 50A-26A, RS 70A-29A
HSM	47 X 87 X 80	630	Current Capacity With RS 50A-32A, RS 70A-36A
HSL	72 X 87 X 80	900	Current Capacity With RS 70A-44A

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	1665	Sensitivity : Up to 1M Ohm Output : 1R1C/O Supply : 100-270V AC
WLC-35 (Dual Tank)	90 X 35 X 63	2160	
Probe for WLC (1 NOS)		135	

Power Supply - Din Rail Mount (HSN - 85044090)

Model	Size (H X W X D)mm	MRP	Item Description
PS24-10A	125 X 55 X 95	7565	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,10A,240W
LPS24-10A	125 X 55 X 95	5145	Input Voltage : 180V-270V AC, Output Voltage : 24V DC,10A,240W
PS24-6.5A (Metal Body)	105 X 45 X 110	3480	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,6.5A,156W
PS24-6.5A-P	105 X 45 X 110	3145	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,6.5A,156W
PS24-5A (Metal Body)	105 X 45 X 110	2995	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,5A,120W
PS24-5A-P	105 X 45 X 110	2630	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,5A,120W
PS24-2.5A	90 X 45 X 84	2150	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,2.5A,60W
DPS24-2.5A	90 X 70 X 60	2270	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,2.5A,60W
PS24-1.5A	76 X 27 X 85	1965	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,1.5A,36W
PS24-1A	90 X 22.5 X 75	1395	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,1A,24W
PS24-0.5A	90 X 22.5 X 75	1180	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,0.5A,12W
PS12-10A	105 X 45 X 110	3240	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,10A,120W
PS12-5A (Metal Body)	105 X 45 X 110	2995	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,5A,60W
PS12-5A-P	90 X 45 X 84	1755	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,5A,60W
PS12-2A	90 X 22.5 X 75	1395	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,2A,24W
PS12-1A	90 X 22.5 X 75	1180	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,1A,12W
PS48-2.5A	105 X 45 X 110	3235	Input Voltage : 100V-270V AC, Output Voltage : 48V DC,2.5A,120W
PS48-5A-P	125 X 55 X 135	7565	Input Voltage : 100V-270V AC, Output Voltage : 48V DC,5A,240W
PS15-8A-P	105 X 45 X 110	3480	Input Voltage : 100V-270V AC, Output Voltage : 15V DC,8A,120W
PS5-2.5A	90 X 22.5 X 75	1635	Input Voltage : 100V-270V AC, Output Voltage : 5V DC,2.5A,12.5W

Power Supply - Wall Mount (HSN - 85044090)

Model	Size (H X W X D)mm	MRP	Item Description
PSW24-14.6A	159 X 97 X 30	5145	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,6.5A,156W
PSW24-6.5A	159 X 97 X 30	2530	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,6.5A,156W
PSW24-5A	129 X 97 X 30	2135	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,5A,120W
PSW24-3A	99 X 97 X 30	1835	Input Voltage : 100V-270V AC, Output Voltage : 24V DC,3A,72W
PSW12-29A	99 X 97 X 30	5630	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,29A,350W
PSW12-17A	99 X 97 X 30	3715	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,17A,200W
PSW12-12.5A	99 X 97 X 30	2725	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,12.5A,150W
PSW12-8.5A	129 X 97 X 30	2360	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,8.5A,100W
PSW12-5A	99 X 97 X 30	2010	Input Voltage : 100V-270V AC, Output Voltage : 12V DC,5A,60W
PSW48-7.3A	99 X 97 X 30	5385	Input Voltage : 100V-270V AC, Output Voltage : 48V DC,7.3A,350W
PSW48-2.5A	99 X 97 X 30	2500	Input Voltage : 100V-270V AC, Output Voltage : 48V DC,2.5A,120W

Battery Charger (HSN - 85044030)

Model	Size (H X W X D)mm	MRP	Item Description
BTR 12-10A	188.5 X 61 X 130	2270	Input Voltage : 170V to 270V AC, Output Voltage : 12V DC,10A
BTR 24-10A	190 X 73 X 120	4900	Input Voltage : 170V to 270V AC, Output Voltage : 24V DC,10A

Customised Products

Model	Size (H X W X D)mm	MRP	Item Description
FDI-100 (Flame Proof)	142 X 142 X 86	7285	Temperature Indicator, Fixed Input
FRI-100 (Flame Proof)	142 X 142 X 86	7285	Input : Proximity, Range : 4 to 5000 RPM Supply : 24V DC / 12V DC
MDT-3006	48 X 96 X 120	7345	2 Input & 2 Output (Jumping Timer)
MI-631	76 X 27 X 116	4205	Input : 1K Pot (3 Wire) Output : 4 to 20mA Supply : 230V AC
MPC-5356	96 X 192 X 130	33520	Length Counter, Input : Encoder, 24V DC Supply, With 0 to 10V DC, PID O/P Reset at back
MPC-5356	96 X 192 X 130	33520	Length Measurement, Upper : 99999 Count Lower : MT/MIN, Input : Encoder & 0-10V DC Supply : 230V AC, Reset at Back, 2 Relay Output
MPC-5356	96 X 192 X 130	33520	Traverse Measurement, Upper : 99999 Count Input : Encoder Supply : 230V AC, Reset at Back, 3 Relay Output
MTC-1201	96 X 96 X 54	6145	Input : 0 to 1000V DC Output : 1 Relay (For Tripping), Hy. : 0 - 99 Selectable, Supply : 230V AC (Linear), Enter at back
SPI-2044	72 X 72 X 60	8485	Speed Indication with Pulse Input
SPI-4044	48 X 48 X 95	8485	Speed Indication with Pulse Input
RC-2006	72 X 72 X 60	21530	Haul Off Controller
PIC-410A	48 X 48 X 95	4505	Current / Voltage Source
SPI-21	72 X 72 X 50	3510	Process Indicator
FSC-1006	96 X 96 X 100	6170	Fill Seal Controller Input : Proximity NPN/PNP Output : 2 SSR + BUZZER
MMC-1340	96 X 96 X 54	10165	Programmable Counter Input : Proximity NPN/PNP (24V DC) Output : Relay + SSR
RTC-223PX	72 X 72 X 60	12285	Temperature Controller with Ampere (2 Line Display)
MMC-1048	96 X 96 X 54	8710	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	1575	Panel Mounting Hooter Input Voltage : 230V AC or 24V DC
MH-200W (Hooter)	96 X 96 X 54	1575	Wall Mounting Hooter Input Voltage : 230V AC or 24V DC
MTC-1203	96 X 96 X 54	6355	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	7380	Input : J/K/PT-100 (Factory Set) Output : 4 Relay (Heating/Cooling Factory Set) Supply : 100-250V AC
RPM 308-M1	48 X 96 X 75	4350	Input : NPN/PNP Proximity Range : 4 to 9999 RPM Output : RS 485 Modbus Supply : 100-270V AC
DTT-3086-M1	48 X 96 X 75	6730	Input : 230V AC Enable Pulse / Proximity / 24V DC Enable Pulse Range : 0 to 9999.59.59 Hr/Min/Sec Selectable Output : RS 485 Modbus Supply : 100 to 270V AC/DC

RTC-1058	96 X 96 X 54	4680	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	2440	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	2925	Logic Relay Input : 2 Micro Switch, Output : 2 Relay (NO-C-NC), Supply : 100 to 270V AC
WTR-35	90 X 35 X 63	2240	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	13455	Input : J/K (Configurable), Output : 3 Relay, Control Action : PID/TP/ON-OFF (Configurable), With 60A Single CT Supply : 100-270V AC
RTC-2303-3C	72 X 72 X 60	15795	Input : J/K (Configurable), Output : 3 Relay, Control Action : PID/TP/ON-OFF (Configurable), With 60A Three CT - Module Supply : 100-270V AC
SN-634	76 X 27 X 85	10355	Synchronizer Unit Input : 0-10V DC Output : Dual 0-10V DC, Aux Supply : 100-270V AC
LD-632	76 X 27 X 85	8775	Input : 0-33.33mV DC 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	11410	Input : Pressure + Temperature Input Output : 1 Relay + Buzzer, Aux Supply : 100-250V AC
RCS-63	76 X 27 X 110	11410	Input Current : 0.6A to 60A (8CT), Output : Modbus Supply : 24V DC High Speed
SLC-445	48 X 48 X 95	7315	Input : NPN Proxy + Start Pulse, Output : 1 Relay + Buzzer Aux Supply : 100 - 250V AC High Speed
AVH-14-RT	96 X 96 X 54	11060	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
PLC 7244	72 X 72 X 75	15125	Input : 4 NPN Proxy/ Microswitch Output : 1 Relay(NO-C-NC) + 5 Relay(NO-C) Aux Supply : 100 to 270V AC RS-485 MODBUS

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.

Multispan Order Code for Aux Supply	
Supply Code	Range
A1	100V-250V AC(SMPS)
A2	100V-270V AC(SMPS)
A3	180V-300V AC (SMPS)
B1	230V AC
B2	110V AC
B3	24V AC
D1	24V DC
D2	12V DC
D3	20-36V DC
D4	9-36V DC
D5	24V AC/DC
D6	20-60V AC/DC
D7	24-270V AC/DC
D8	100 to 250V DC
D9	10V to 30V DC
E1	415V AC
E2	50V-550V AC
E3	100V-270V AC/DC
E5	100-300V AC/DC
E6	230V AC & 415V AC

Worldwide Presence



Asia

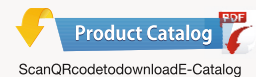
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Kuwait
Malaysia
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Myanmar
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Qatar
Saudi Arabia
Singapore
Syria
Thailand
UAE
Vietnam

Africa

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