



INDUSTRIAL AUTOMATION

MiBRX (Micro Modular PLC)
 PLC
 HMI
 Power Supply
 VFD (AC Drive)

PROCESS MEASUREMENT & CONTROL

PID Controller
 Temperature Controller
 Humidity Controller
 Cooling Controller
 Process Indicator
 Digital Timer & Counter
 Solid State Relay

INDUSTRIAL AUTOMATION

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PROCESS MEASUREMENT & CONTROL

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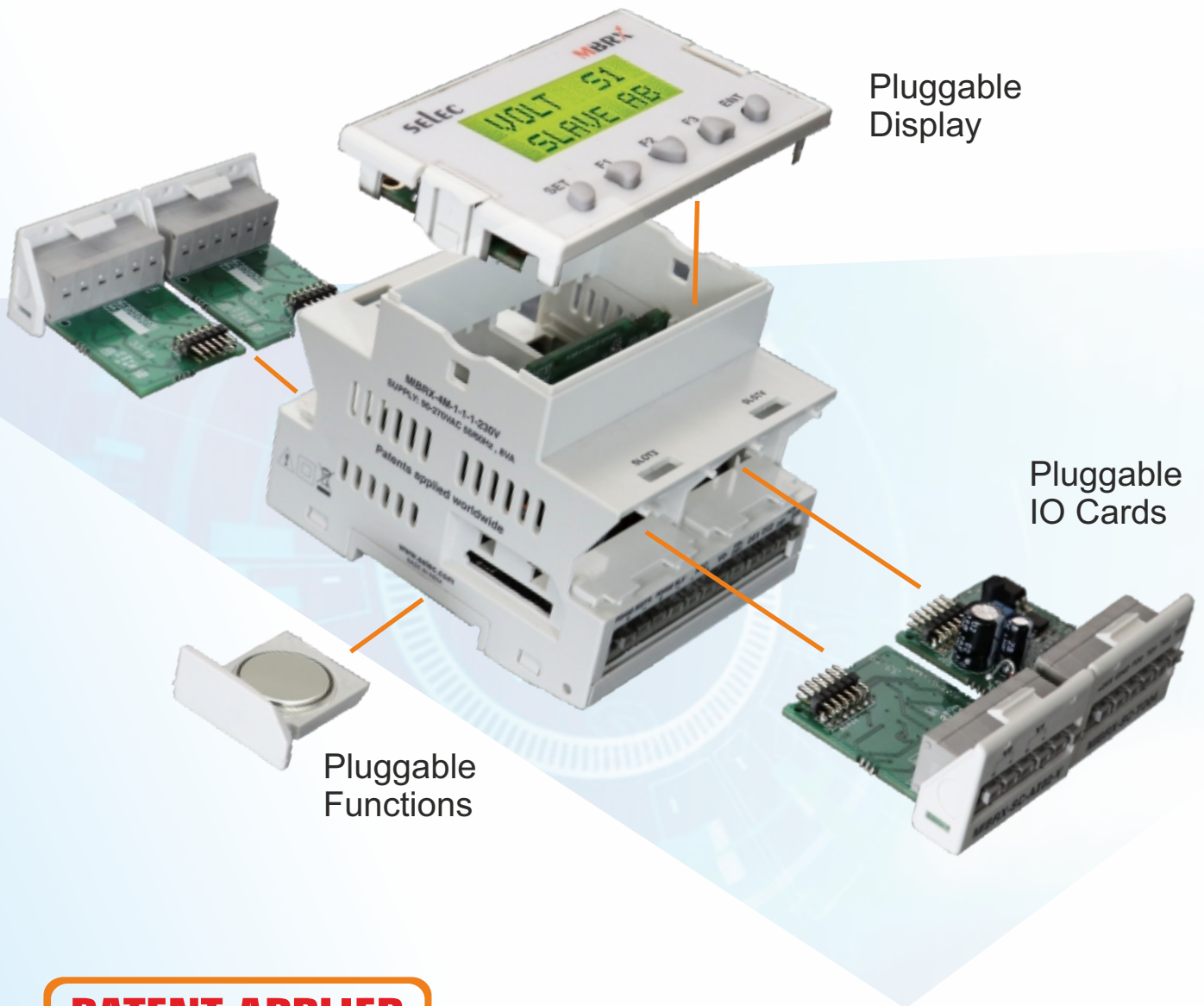
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“Bringing Micro-Modularity to programming controller”

“Tailoring your needs, building brick by brick”



Pluggable Display

Pluggable IO Cards

Pluggable Functions

**PATENT APPLIED
WORLDWIDE**



MiBRX (Micro Modular PLC Series)



MiBRX PLC - RAIL MOUNT

- Modular Display
- 2/4/6 configurable MiBRX IO SLOTS
- Optional MODBUS Master/ expandable
- Optional RTC
- 230VAC/ 24VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
MiBRX SERIES - RAIL MOUNT			
MiBRX-2M-1-0-0-24VDC	MiBRX 2M Base module - 2 Slots, 3DI (incl 1FI)	85371000	3552
MiBRX-4M-1-0-0-230V	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC		5278
MiBRX-4M-1-1-1-230V	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC, RTC, Master		5932
MiBRX-4M-1-0-0-24VDC	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC		5932
MiBRX-4M-1-1-1-24VDC	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC, RTC, Master		6378
MiBRX-6M-1-1-1-230V	MiBRX 6M Base module - 6 Slots, 11DI (incl 1FI, 1AI-V), + 4RO, NTC, RTC, Master		10048
MiBRX-DSP-2M-0-1-06-A	MiBRX Display 2M - Blind, 6 LED		474
MiBRX-DSP-2M-7-1-04-A	MiBRX Display 2M - 7 seg (4 digit), 6 LED		707
MiBRX-DSP-4M-0-1-06-A	MiBRX Display 4M - Blind, 6 LED		670
MiBRX-DSP-4M-8-2-08-A	MiBRX Display 4M - LCD (8x2)		1339
MiBRX-DSP-6M-8-2-08-A	MiBRX Display 6M - LCD (8x2)		1504



MiBRX PLC - PANEL MOUNT

- Modular Display
- 2/6 configurable MiBRX IO SLOTS
- Optional MODBUS Master/ expandable
- Optional RTC
- 230VAC/ 24VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
MiBRX SERIES - PANEL MOUNT			
MiBRX-48-0-0-230V	MiBRX 48x96 Base module - 2 slots, 6DI (incl 1FI, 1AI-V), NTC	85371000	4894
MiBRX-48-0-0-24VDC	MiBRX 48x96 Base module - 2 slots, 7DI (incl 1FI, 2AI-V), 1AI-I, NTC		5467
MiBRX-72-0-0-230V	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 3RO, NTC		5178
MiBRX-72-0-0-24VDC	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 4RO, 1AI-I, NTC		6790
MiBRX-72-0-1-230V	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 3RO, NTC, RTC		5637
MiBRX-72-0-1-24VDC	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 4RO, 1AI-I, NTC, RTC		7220
MiBRX-96-1-0-24VDC	MiBRX 96x96 Base module - 6 slots, 6DI (incl 1FI, 1AI-V), 1AI-I, NTC, Master		7604

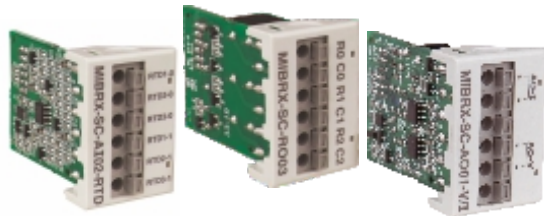
Product Code	Description	HSN Code	Unit MRP
MiBRX-96-1-1-24VDC	MiBRX 96x96 Base module - 6 slots, 6DI (incl 1FI, 1AI-V), 1AI-I, NTC, RTC, Master	85371000	8043
MiBRX-96-1-0-230V	MiBRX 96x96 Base module - 6 slots, 4DI (incl 1FI, 1AI-V), NTC, Master		6195
MiBRX-96-1-1-230V	MiBRX 96x96 Base module - 6 slots, 4DI (incl 1FI, 1AI-V), NTC, RTC, Master		6628
MiBRX-DSP-48-7-2-11-A	MiBRX Display 48x96 - 7 Seg (3+4 & 4 digit), 6 LED, 10 Bar Graph LED		1731
MiBRX-DSP-48-7-2-14-B	MiBRX Display 48x96 - 7 Seg (8 & 6 digit), 8 LED		1848
MiBRX-DSP-72-8-2-08-B	MiBRX Display 72x72 - LCD (8x2)		1558
MiBRX-DSP-72-7-2-10-B	MiBRX Display 72x72 - 7 Seg (6+4 digit), 4 LED		1546
MiBRX-DSP-96-8-4-16-B	MiBRX Display 96x96 - LCD (16x4)		3114

MiBRX PLC - ADAPTER PLATES

Product Code	Description	HSN Code	Unit MRP
MiBRX-DSP-AP-2M	MiBRX 2M Adapter Plate for independent display	85371000	517
MiBRX-DSP-AP-4M	MiBRX 4M Adapter Plate for independent display		653
MiBRX-DSP-AP-6M	MiBRX 6M Adapter Plate for independent display		792

MiBRX PLC - INDEPENDENT DISPLAY

Product Code	Description	HSN Code	Unit MRP
MiBRX-DSP-IND-96-8-0-00-B	MiBRX Independent Display 96x96 - Customized, 14 & 7 Seg, Bar Graphs, Speedometer	85371000	4002
MiBRX-DSP-IND-96-8-2-16-B	MiBRX Independent Display 96x96 - LCD (16x2)		3557
MiBRX-DSP-IND-96-8-4-16-B	MiBRX Independent Display 96x96 - LCD (16x4)		4558



MiBRX PLC - MINIATURE IO CARD

Product Code	Description	HSN Code	Unit MRP
MiBRX-SC-DI04	MiBRX Slot Card - 4 Digital Inputs	85371000	275
MiBRX-SC-DI06	MiBRX Slot Card - 6 Digital Inputs		375
MiBRX-SC-RO03	MiBRX Slot Card - 3 Relay Outputs		672
MiBRX-SC-RO04	MiBRX Slot Card - 4 Relay Outputs		1234
MiBRX-SC-RO05	MiBRX Slot Card - 5 Relay Outputs (1.5 A)		1661
MiBRX-SC-TO04	MiBRX Slot Card - 4 Transistor Outputs		798
MiBRX-SC-DI02-RO02	MiBRX Slot Card - 2 Digital Inputs & 2 Relay Outputs		679
MiBRX-SC-DI02-TO02	MiBRX Slot Card - 2 Digital Inputs & 2 Transistor Outputs		513
MiBRX-SC-DI02-AI01-T	MiBRX Slot Card - 2 Digital Inputs & 1 Analog Input - TC/RTD		618
MiBRX-SC-AI02-V	MiBRX Slot Card - 2 Analog Inputs - Voltage		526
MiBRX-SC-AI02-I	MiBRX Slot Card - 2 Analog Inputs - Current		532
MiBRX-SC-AI02-V-I	MiBRX Slot Card - 2 Analog Inputs - 1 Voltage & 1 Current		545
MiBRX-SC-AI02-TC	MiBRX Slot Card - 2 Analog Inputs - Thermocouple		693
MiBRX-SC-AI02-RTD	MiBRX Slot Card - 2 Analog Inputs - RTD		722
MiBRX-SC-AI02-PT1000	MiBRX Slot Card - 2 Analog Inputs - PT1000		954
MiBRX-SC-AI02-PTC	MiBRX Slot Card - 2 Analog Inputs - PTC		631
MiBRX-SC-AI02-NTC	MiBRX Slot Card - 2 Analog Inputs - NTC		631
MiBRX-SC-AO01-V/I	MiBRX Slot Card - 1 Analog Output		974
MiBRX-SC-FI02	MiBRX Slot Card - 2 Fast Inputs (10KHz)		954
MiBRX-SC-FO01-TO01	MiBRX Slot Card - 1 Fast Output (10KHz) & 1 Transistor Output		1467
MiBRX-SC-LC02	MiBRX Slot Card - 2 Analog Inputs - Load Cell (24 Bit)		3448
MiBRX-SC-DL	MiBRX Slot Card - Datalogging (2MB) & RTC		3002
MiBRX-SC-WIFI	MiBRX Slot Card - WIFI		3436

MiBRX PLC - ACCESSORIES

Product Code	Description	HSN Code	Unit MRP
MiBRX-SC-PD	MiBRX Portable Downloader	85371000	2709

FLEXYS SERIES



FLEXYS GT35

- 3.5" Resistive Touch Screen LCD Display
- Flexible IO Card Selection with 3 inbuilt Slots
- RS485 Based Communication with MODBUS RTU & Proprietary Protocol
- Inbuilt RTC Function
- Expandable
- 230VAC/ 24VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
FLEXYS GT35			
FL-GT35-DSP-CE-RoHS	Flexys Graphic - 3.5" Resistive Touch Screen	85371000	12630
FL-GT35-LG-1-0-1-CE-RoHS	Flexys Graphic - Logic card - RTC, MODBUS Expansion		6315
FL-GT35-DI04-PS-230V-CE-RoHS	Flexys Graphic - Power Supply Card - 230VAC, 4 Digital Inputs		3632
FL-GT35-DI04-PS-24V-CE-RoHS	Flexys Graphic - Power Supply Card - 24VDC, 4 Digital Inputs		4326



FLEXYS TX4

- 4x16 character LCD Display
- Flexible IO Card Selection with 4 inbuilt Slots
- RS485 Based Communication with MODBUS RTU & Proprietary Protocol
- Inbuilt RTC Function
- Expandable
- 230VAC/ 24VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
FLEXYS TX4			
FL-TX4-LG-1-0-1-V2-CE-RoHS	Flexys Panel TX4 – Logic card – RTC, MODBUS & Proprietary Expansion	85371000	14436
FL-TX4-DI04-PS-230V-CE-RoHS	Flexys Panel TX4 – Power Supply Card - 230VAC, 4 Digital Inputs		3632
FL-TX4-DI04-PS-24V-CE-RoHS	Flexys Panel TX4 – Power Supply Card - 24VDC, 4 Digital Inputs		3041



FLEXYS RAIL

- Flexible IO Card Selection with 4 inbuilt Slots
- RS485 Based Communication with MODBUS RTU & Proprietary Protocol
- Inbuilt RTC Function
- Expandable
- 230VAC/ 24VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
FLEXYS RAIL			
FL-RL-DI04-PS-24V-CE-RoHS	Flexys Rail – Power Supply Card – 24VDC, 4 Digital Inputs	85371000	2368
FL-RL-LG-1-0-1-V2-CE-RoHS	Flexys Rail – Logic Card – RTC, MODBUS & Proprietary Expansion		9473
FL-RL-BS-6-CE-RoHS	Flexys Rail – Base Card		2368
FL-RL-PS-230V	Flexys Rail – Power Supply Card – 230VAC		2368



FLEXYS IO CARDS

- Easy to Plug IN
- Spring type connection terminals
- Different types of DI, DO, AI, AO cards

Product Code	Description	HSN Code	Unit MRP
FLEXYS IO CARDS			
FL-SC-DI10-CE-RoHS	Flexys IO – 10 Digital Inputs Card	85371000	2368
FL-SC-DI14-CE-RoHS	Flexys IO – 14 Digital Inputs Card		3316
FL-SC-RO08-CE-RoHS	Flexys IO – 8 Channel Relay Output Card		3855
FL-SC-TO08-CE-RoHS	Flexys IO – 8 Channel Transistor Output Card		2434
FL-SC-DI04-RO04-CE-RoHS	Flexys IO – 4 Digital Input, 4 Digital Output Card		3271
FL-SC-AI06-V-CE-RoHS	Flexys IO – 6 Channel Analog Input Card – Voltage		1968
FL-SC-AI06-I-CE-RoHS	Flexys IO – 6 Channel Analog Input Card – Current		1973
FL-SC-AI04-RTD-CE-RoHS	Flexys IO – 4 Channel Analog Input Card – RTD (PT-100)		3682
FL-SC-AI04-TC-CE-RoHS	Flexys IO – 4 Channel Analog Input Card – Thermocouple		3261
FL-SC-AIDF04-TC-CE-RoHS	Flexys IO – 4 Channel Differential Analog Input Card – Thermocouple		4737
FL-SC-AI03-NTC-AI03-I	Flexys IO – 3 Channel Analog Input – NTC, 3 Channel Analog Input – Current Card		3230
FL-SC-AI04-U	Flexys IO – 4 Channel Analog Input Card – Universal (Jumper Selectable)		5577
FL-SC-AO04-V-CE-RoHS	Flexys IO – 4 Channel Analog Output Card – Voltage		7139
FL-SC-AO04-I-CE-RoHS	Flexys IO – 4 Channel Analog Output Card – Current		7139
FL-SC-AI03-U-AO02-U	Flexys IO – 3 Channel Analog Input – Universal, 2 Channel Analog Output – Universal Card		9767
FL-SC-LC04	Flexys IO – 4 Channel Loadcell Input Card		18945



EXPANSION

- Flexys IO card expansion slot
- DIP switches for Slave ID & Baud rate selection
- 24VDC Power Supply
- MODBUS Communication protocol

Product Code	Description	HSN Code	Unit MRP
EXPANSION			
EXP FLEX 2M	Expansion Slot – Flexys IO Cards	85371000	2291
EXP FLEX 2M V3 <i>New</i>	Independent Remote IO base card		2246

FIXED IO PLC SERIES



COMPACT PLC - RAIL MOUNT

- Configurable 2x8 Character LCD Display
- Configurable Function Keys
- 230VAC/ 24VDC Power Supply
- RS485 Based Communication with MODBUS RTU Protocol
- 1 channel 5KHz Fast Input

Product Code	Description	HSN Code	Unit MRP
COMPACT PLC - RAIL MOUNT			
DIGIX-1-230V	PLC – 8DI, 5RO & 230VAC	85371000	7214
DIGIX-1-0-0-24VDC	PLC – 8DI, 5RO & 24VDC		7640
DIGIX-1-0-0-24VDC-B	PLC – 8DI, 5RO & 24VDC – Without Display		6163
DIGIX-1-1-1-230V	PLC – 8DI, 5RO & 230VAC – RTC and MODBUS Expansion		9031
DIGIX-2-1-0-24VDC	PLC – 10DI, 8RO, 2AI-V/2DI & 24VDC – MODBUS Expansion		13280
DIGIX-4-1-1-24VDC	PLC – 10DI, 6TO & 24VDC – RTC and MODBUS Expansion		9096



COMPACT PLC - PANEL MOUNT

- Configurable 7 Seg LED display
- Configurable Function Keys
- 230VAC / 24VDC Power Supply
- RS485 Based Communication with MODBUS RTU Protocol
- 1 channel 5KHz Fast Input

Product Code	Description	HSN Code	Unit MRP
COMPACT PLC - PANEL MOUNT			
UNIX-1-230V	PLC – 3DI, 2RO, 2TO, 3AI (1TC/RTD, 1I, 1V/1DI) & 230VAC	85371000	5979
TWIX-1-230V	PLC – 6DI, 4RO, 1AI (TC/RTD) & 230VAC		7116
TWIX-1-24VDC	PLC – 6DI, 4RO, 1AI (TC/RTD) & 24VDC		7902
TWIX-2-230V	PLC – 6DI, 5RO, 6AI (2TC/RTD, 2I, 2V/2DI), 1AO(V/I) & 230VAC		11470
TWIX-2-24V	PLC – 6DI, 5RO, 6AI (2TC/RTD, 2I, 2V/2DI), 1AO(V/I) & 24VDC		11559
TWIX-3-24VDC	PLC – 8DI, 6DO, 1AI (TC/RTD) & 24VDC		8366



COMPACT PLC - PANEL & RAIL MOUNT

- Configurable LCD Display
- Configurable Function Keys
- 230VAC / 24VDC Power Supply
- RS485 Based Communication with MODBUS RTU Protocol
- Fast Inputs 5-12 KHz

Product Code	Description	HSN Code	Unit MRP
COMPACT PLC - PANEL & RAIL MOUNT			
MM3032-2-0-0-230V V2	PLC – 8DI, 6RO, 2AI (V/I), 1AO (0-10V DC) & 230VAC	85371000	11933
MM3032-2-0-0-24V V2	PLC – 8DI, 6RO, 1AI (V/I), 1AI-NTC & 24VDC		14032

HMI (Colour Graphics Touch Panels)



HMI - 4.3", 7" & 10"

- TFT Resistive Touch Screen
- Data logging
- User management
- Recipe management
- Alarm management
- Inbuilt RTC, Ladder & Macro Functions
- Inbuilt Buzzer for Alarm conditions
- Inbuilt Third Party PLC protocols
- MODBUS RS485, RS422, RS232, Ethernet & USB2.0 port.
- 24VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
HMI - 4.3 Inch			
SP112-GT40-S-CE	4.3" Touch screen HMI with serial ports (1xRS485 & 1xRS232) including USB downloading cable in the package	85371090	14091
SP112-GT40-ET-CE	4.3" Touch screen HMI with serial ports (1xRS485, 1xRS232)		16147
HMI - 7 Inch			
SP112-GT70-S1-CE	7" Touch screen HMI with Serial ports (2xRS485/422, 1xRS232)	85371090	18143
SP112-GT70-ET1-CE	7" Touch screen HMI with Serial ports (2xRS485/422, 1xRS232) & Ethernet port		22692
SP113-GT70-S-CE <i>New</i>	7" Touch screen HMI with serial ports(1xRS485/422, 1xRS232)		16380
SP113-GT70-ET-CE <i>New</i>	7" Touch screen HMI with serial ports (1xRS485/422, 1xRS232) & Ethernet		21222
HMI - 10 Inch			
SP112-GT100-ET-CE	10" Touch screen HMI with Serial ports(1xRS485, 1xRS232) & Ethernet	85371090	36519



HMI - 3.5"

- 3.5" Resistive Touch Screen LCD Display
- Password Management
- Serial Printing
- Data Logging (SD card upto 2GB)
- Recipe Management
- Inbuilt RTC Function
- 18-30VDC Power Supply
- MODBUS RTU Protocol

Product Code	Description	HSN Code	Unit MRP
HMI - 3.5 Inch			
SP3-GT35	HMI - 3.5" Resistive Touch Screen	85437099	15788

PLC ACCESSORIES



RELAY MODULES - RS485 OPERATED

- 18-30VDC Power Supply

Product Code	Description	HSN Code	Unit MRP
RS485 OPERATED			
ERLYMD-2-1-S8-1CO-24V-CE-RoHS	Relay Modules – 8 Channel 1 Change Over, Communication based	85364900	4665



RELAY MODULES - SINGLE CHANGE OVER / DOUBLE CHANGE OVER

- 4/8 Channel
- 10A @ 230VAC Contact Rating

Product Code	Description	HSN Code	Unit MRP
SINGLE CHANGE OVER			
RLYMD-1-S4-1CO-24VDC-CE-RoHS	Relay Modules – 4 Channel 1 Change Over	85364900	1275
RLYMD-2-S8-1CO-24VDC-CE-RoHS	Relay Modules – 8 Channel 1 Change Over		2358
DOUBLE CHANGE OVER			
RLYMD-1-S4-2CO-24VDC-CE-RoHS	Relay Modules – 4 Channel 2 Change Over	85364900	1566
RLYMD-2-S8-2CO-24VDC-CE-RoHS	Relay Modules – 8 Channel 2 Change Over		2859



USB TO SERIAL CONVERTER

- USB to Serial (RS232, RS485)
- 1 Meter Length
- Self Powered

Product Code	Description	HSN Code	Unit MRP
USB TO SERIAL			
AC-USB-RS232-01	Converter Cable – USB to RS232	84715000	4815
AC-USB-RS485-02	Converter Cable – USB to RS485 (2 wire)		5375
AC-USB-RS485-03	Converter Cable – USB to RS485 (RJ25)		5375



SERIAL TO SERIAL CONVERTER

- Serial RS485 to serial RS232 converter
- Rail Mount
- 90-270VAC Power Supply
- Isolation Between MODBUS RS485 & MODBUS RS232

Product Code	Description	HSN Code	Unit MRP
SERIAL TO SERIAL			
AC-RS485-RS232-ISO	Converter - RS485 to RS232, Isolation	84715000	2753



SERIAL TO ETHERNET CONVERTER

- TCP (server, client), MODBUS TCP
- Din Rail mount

Product Code	Description	HSN Code	Unit MRP
SERIAL TO ETHERNET			
AC-S2E-02	Converter – RS485 to Ethernet	84715000	5375



CABLES & ADAPTER

- Standard cable for communication
- Expansion & Networking

Product Code	Description	HSN Code	Unit MRP
AC-IOEXP-01	Communication Adapter	85444299	524
AC-IOEXP-03	Communication Adapter		540
ACH-001	Communication Cable – 9 Pin D-Type to 9 Pin D-Type		657
ACH-002	Download / Communication Cable – 9 Pin D-Type to RJ25(6Pin)		657
ACH-003	Standard Cable – RJ45 to RJ45 (8Pin)		524
ACH-004	Expansion Cable – RJ25 to RJ25 (6Pin)		474

FREE Windows based software for Ladder & HMI Programming



POWER SUPPLIES & BATTERY CHARGER

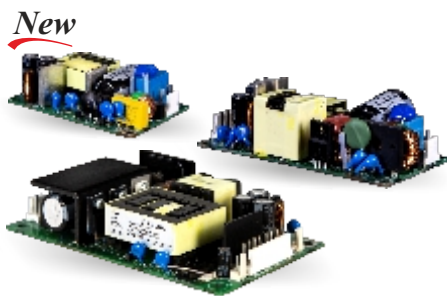


DIN RAIL POWER SUPPLIES

- Supports 90 - 264 VAC / 127 - 370 VDC
- Active PFC for 240W & 480W models
- Short circuit, Overload & Over Voltage Protection
- Efficiencies up to 93 %
- Inbuilt temperature protection for 60W, 120W, 240W & 480W
- DC Ok Relay contact for 240W & 480W
- Cooling by air convection

Product Code	Description	HSN Code	Unit MRP
DIN RAIL POWER SUPPLIES			
RP-2M-1.1A-24VDC	26.4W, 24V/1.1A DIN rail mounted Power Supply in Plastic Housing	85044090	1650
RP-2M-1.1A-24VDC-CE-RoHS	26.4W, 24V/1.1A DIN rail mounted Power Supply in Plastic Housing - CE Certified		1650
RPS15-05-CE	12W, 5V/2.4A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1348
RPS15-12-CE	15W, 12V/1.25A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1411
RPS15-24-CE	15W, 24V/0.625A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1407
RPS40-12-CE	30W, 12V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1954
RPS40-15-CE	30W, 15V/2A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1954
RPS40-24-CE	40W, 24V/1.6A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1889
RPS40-48-CE	40W, 48V/0.8A DIN rail mounted Power Supply in Plastic Housing - CE In Process		1889
RPS60-05	50W, 05V/10A DIN rail mounted Power Supply in Plastic Housing		2017
RPS60-12	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing		2016
RPS60-15	60W, 15V/4A DIN rail mounted Power Supply in Plastic Housing		2016
RPS60-24	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing		2014
RPS60-48	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing		2014
RPS120-12	96W, 12V/8A DIN rail mounted Power Supply in Plastic Housing		2334
RPS120-15	120W, 15V/8A DIN rail mounted Power Supply in Plastic Housing		2334
RPS120-24	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing		2334
RPS120-48	120W, 48V/2.5A DIN rail mounted Power Supply in Plastic Housing		2335
RPS60-05-CE	50W, 05V/10A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2342
RPS60-12-CE	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2342
RPS60-15-CE	60W, 15V/4A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2342
RPS60-24-CE	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2342
RPS60-48-CE	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2343

Product Code	Description	HSN Code	Unit MRP
RPS120-12-CE	96W, 12V/8A DIN rail mounted Power Supply in Plastic Housing - CE Certified	85044090	2889
RPS120-15-CE	120W, 15V/8A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2889
RPS120-24-CE	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2889
RPS120-48-CE	120W, 48V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2889
RPS240-12-CE	216W, 12V/18A DIN rail mounted Power Supply in Plastic Housing - CE Certified		7143
RPS240-24-CE	240W, 24V/10A DIN rail mounted Power Supply in Plastic Housing - CE Certified		7142
RPS240-48-CE	240W, 48V/5A DIN rail mounted Power Supply in Plastic Housing - CE Certified		7143
RPS480-24-CE	480W, 24V/20A DIN rail mounted Power Supply in Plastic Housing - CE Certified		11687
RPS480-48-CE	480W, 48V/10A DIN rail mounted Power Supply in Plastic Housing - CE Certified		11690
RPS60-05-CU	50W, 05V/10A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2342
RPS60-12-CU	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2342
RPS60-15-CU	60W, 15V/4A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2342
RPS60-24-CU	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2342
RPS60-48-CU	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2343
RPS120-12-CU	96W, 12V/8A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2889
RPS120-15-CU	120W, 15V/8A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2889
RPS120-24-CU	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2889
RPS120-48-CU	120W, 48V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2889
RPS240-12-CU	216W, 12V/18A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		7143
RPS240-24-CU	240W, 24V/10A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		7142
RPS240-48-CU	240W, 48V/5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		7143
RPS480-24-CU	480W, 24V/20A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		11687
RPS480-48-CU	480W, 48V/10A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		11690



OPEN FRAME POWER SUPPLIES

- Standard industry sizes of 2"x3", 2"x4" and 3"x5"
- No load Power <0.5W
- -40°C to +70°C Operating Temperature
- 12V/0.5A Fan Output, Thermal Shut-Down feature
- Efficiencies up to 93 %
- Remote Inhibit available

Product Code	Description	HSN Code	Unit MRP
OPEN FRAME POWER SUPPLIES			
OPS2X3-40-05-A-1-CU <i>New</i>	3 x 2 x 1.16 Inches Form factor, 5V, 5A, 25 Watts with Convection Cooling	85044090	2726
OPS2x3-40-12-A-1-CU <i>New</i>	3 x 2 x 1.16 Inches Form factor, 12V, 3.33A, 40 Watts with Convection Cooling		2466
OPS2x3-40-15-A-1-CU <i>New</i>	3 x 2 x 1.16 Inches Form factor, 15V, 2.67A, 40 Watts with Convection Cooling		2466
OPS2x3-40-24-A-1-CU <i>New</i>	3 x 2 x 1.16 Inches Form factor, 24V, 1.67A, 40 Watts with Convection Cooling		2455
OPS2x3-40-48-A-1-CU <i>New</i>	3 x 2 x 1.16 Inches Form factor, 48V, 0.83A, 40 Watts with Convection Cooling		2553
OPS2x4-60-05-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 5V, 10A, 50 Watts with Convection Cooling		3078
OPS2x4-60-12-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 12V, 5A, 60 Watts with Convection Cooling		2824
OPS2x4-60-15-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 15V, 4A, 60 Watts with Convection Cooling		2824
OPS2x4-60-24-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 24V, 2.5A, 60 Watts with Convection Cooling		2772
OPS2x4-60-48-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 48V, 1.25A, 60 Watts with Convection Cooling		2772

Product Code	Description	HSN Code	Unit MRP
OPS2x4-200-12-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 12V, 16.67A, 200 Watts with Forced Air Cooling & 12V, 10.83A, 130 Watts Convection Cooling	85044090	6343
OPS2x4-200-15-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 15V, 13.33A, 200 Watts with Forced Air Cooling & 15V, 8.67A, 130 Watts Convection Cooling		6343
OPS2x4-200-24-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 24V, 8.33A, 200 Watts with Forced Air Cooling & 24V, 5.42A, 130 Watts Convection Cooling		6343
OPS2x4-200-48-A-1-CU <i>New</i>	4 x 2 x 1.16 Inches Form factor, 48V, 4.17A, 200 Watts with Forced Air Cooling & 48V, 2.71A, 130 Watts Convection Cooling		6343
OPS3x5-350-12-A-1-CU <i>New</i>	5 x 3 x 1.16 Inches Form factor, 12V, 25A, 300 Watts with Forced Air Cooling & 12V, 16.67A, 200 Watts Convection Cooling		8511
OPS3x5-350-15-A-1-CU <i>New</i>	5 x 3 x 1.16 Inches Form factor, 15V, 23.33A, 350 Watts with Forced Air Cooling & 15V, 13.33A, 200 Watts Convection Cooling		8511
OPS3x5-350-24-A-1-CU <i>New</i>	5 x 3 x 1.16 Inches Form factor, 24V, 14.58A, 350 Watts with Forced Air Cooling & 24V, 8.33A, 200 Watts Convection Cooling		8511
OPS3x5-350-48-A-1-CU <i>New</i>	5 x 3 x 1.16 Inches Form factor, 48V, 7.29A, 350 Watts with Forced Air Cooling & 48V, 4.17A, 200 Watts Convection Cooling		8511



BATTERY CHARGERS

- CVCC Charging Profile
- Charging indication with LED
- Prevents over charging of battery
- Full power between -0°C & +50°C
- Wide range input 150-270 VAC

Product Code	Description	HSN Code	Unit MRP
BATTERY CHARGERS			
BC1-1210	12V/10A Wall mounted Battery charger in Metal Housing	85044090	5959
BC2-2410	24V/10A Wall mounted Battery charger in Metal Housing		6837

VFD (AC Drive)

New



VFD-L & VFD-S SERIES

- V/F Control
- Automatic Voltage Regulation
- 150% Rated Current
- Detachable user interface (Display+Keypad)
- PI Control
- Provides protection against Over Current, Over Voltage, Under Voltage, Overheat, Overload, Under Current
- RS485 Modbus communication

Product Code	Description	HSN Code	Unit MRP
VFD-L & VFD-S SERIES			
VFD-L-1-005-230V <i>New</i>	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4kW, Compact series (4 DIs, 2AIs, RS485, 1RO, Built In Display)	85030090	11112
VFD-L-1-010-230V <i>New</i>	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75kW, Compact series (4 DIs, 2AIs, RS485, 1RO, Built In Display)		11852
VFD-S-1-005-230V <i>New</i>	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)		12268
VFD-S-1-010-230V <i>New</i>	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)		12534
VFD-S-1-020-230V <i>New</i>	1 PH 230VAC IN, 3 PH 0-230VAC OUT 2HP/1.5kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)		14156
VFD-S-3-010-415V <i>New</i>	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.75kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)		16951
VFD-S-3-020-415V <i>New</i>	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)		17701
VFD-S-3-030-415V <i>New</i>	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2kW, General Purpose series (5 DIs, 1AI, POT input, RS485, 1RO, 1 TO, Detachable Display)		20701

New



FD9-1, FD3000-1 & FD100-1

- 1HP to 3 HP (0.75KW to 2.2KW)
- 1 Ph Input, 3 Ph output
- V/F Control
- MODBUS RS485 communication
- Over Current, Over Voltage, Under Voltage, Over heat, Overload and Phase loss protection
- Detachable user interface (Display+Keypad)
- User Friendly
- Inbuilt PI Control

Product Code	Description	HSN Code	Unit MRP
FD9-1, FD3000-1 & FD100-1			
FD9-1-010-C-CE New	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75KW	85030090	13647
FD3000-1-010-C-CE New	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75KW		13078
FD100-1-010-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75KW		14390
FD100-1-020-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 2HP/1.5KW		16253
FD100-1-030-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 3HP/2.2KW		20667

New



FD9-3, FD100-3, FD200-3 & FD300-3

- 1 HP to 650HP (0.75KW to 500KW)
- 3 Ph Input, 3 Ph output
- V/F Control, Space Vector SVPWM and Flux Vector Control
- MODBUS RS485 communication
- Over Current, Over Voltage, Under Voltage, Over heat, Overload and Phase loss protection
- Detachable user interface (Display+Keypad)
- Inbuilt PI Control

Product Code	Description	HSN Code	Unit MRP
FD9-3, FD100-3, FD200-3 & FD300-3			
FD100-3-010-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.75KW	85030090	19462
FD100-3-020-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5KW		20323
FD9-3-020-C-CE New	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5KW		19792
FD100-3-030-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2KW		23767
FD9-3-030-C-CE New	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2KW		23308
FD100-3-050-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.75KW		28451
FD9-3-050-C-CE New	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.75KW		24874
FD300-3-075-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW		39612
FD9-3-075-C-CE New	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW		33519
FD300-3-100-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW		45124
FD9-3-100-C-CE New	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW		35151
FD300-3-150-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 15HP/11KW		56796
FD300-3-200-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 20HP/15KW		70371
FD300-3-250-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 25HP/18.5KW		93232
FD300-3-300-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 30HP/22.4KW		98233
FD300-3-400-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 40HP/30KW		116093

Product Code	Description	HSN Code	Unit MRP
FD300-3-500-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 50HP/37.5KW	85030090	135995
FD300-3-600-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 60HP/45KW		229293
FD300-3-750-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 75HP/55KW		256584
FD300-3-1000-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 100HP/75KW		285257
FD300-3-1200-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 120HP/90KW		329539
FD300-3-1500-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 150HP/110KW		385297
FD300-3-1750-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 175HP/132KW		545959
FD300-3-2000-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 200HP/147KW		600542

Product Code	Description	HSN Code	Unit MRP
VFD - ACCESSORIES			
AC-FD200-0-1-1	Extension cable and mounting bracket	85030090	460
AC-FD100-1-0-0	Separate keypad for FD100		3827
AC-FD200-1-0-0	Separate keypad for FD200		3827

TEMPERATURE CONTROLLER SERIES



UNIVERSAL PID CONTROLLER

- Adaptive tune, Short Depth
- Universal Input
- Universal Output
- RS485 Communication
- Up to 128 steps Profile Control
- IDM

Product Code	Description	HSN Code	Unit MRP
UNIVERSAL PID CONTROLLERS			
PID500-U-0-1 <i>New</i>	4-Digit (White+Green) Dual display, Capacitive touch keypad with Universal input, Universal output, 90 to 270V AC/DC supply voltage, 48 x 48mm size, Ramp-soak Function, IDM	90328990	4820
PID500-U-C-1 <i>New</i>	4-Digit (White+Green) Dual display, Capacitive touch keypad with Universal input, Universal output, RS485 MODBUS communication, 90 to 270V AC/DC supply voltage, 48 x 48mm size, Ramp-soak Function, IDM		5444



PID CONTROLLER

- 4-Digit dual LED display
- Universal input
- Max. 3 setpoints
- Retransmission output
- Relay / SSR / Analog output
- RS485 MODBUS RTU communication protocol
- One step Ramp-Soak function
- Different Standard sizes

Product Code	Description	HSN Code	Unit MRP
PID CONTROLLERS			
PID500-T-2-0-00	4-Digit dual (Red+Green) display PID controller with TC / RTD input and 4-20mA analog output + 1 relay output, 48 x 48mm size, 90 to 270V AC / DC	90328990	3522
PID500-T-0-0-01	4-Digit dual (Red+Green) display PID controller with TC / RTD input and 3 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		3077
PID500-T-1-0-01	4-Digit dual (Red+Green) display PID controller with TC / RTD Input and SSR output + 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		3077
PID500-0-0-01	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		4183
PID500-0-0-01 V2-CE	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		4601
PID500-0-0-04	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs + RS485 communication, 48 x 48mm size, 90 to 270V AC / DC		5128
PID500-0-0-04 V2-CE	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs + RS485 communication, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		5641
PID500-1-0-01	4-Digit dual (Red+Green) display PID controller with Universal Input and SSR output + 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		4183

Pricelist 2022 (w.e.f. April 25th, 2022)

Product Code	Description	HSN Code	Unit MRP
PID500-1-0-01 V2-CE	4-Digit dual (Red+Green) display PID controller with Universal Input and SSR output + 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC, CE Certified	90328990	4601
PID500-2-0-01	4-Digit dual (Red+Green) display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		4588
PID500-2-0-01 V2-CE	4-Digit dual (Red+Green) display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		5047
PID500-2-0-04	4-Digit dual (Red+Green) display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs + RS485 communication, 48 x 48mm size, 90 to 270V AC / DC		5532
PID500-2-0-04 V2-CE	4-Digit dual (Red+Green) display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs + RS485 communication, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		6085
PID500-3-0-00	4-Digit dual (Red+Green) display PID controller with Universal Input and 0-10VDC analog output + 1 relay output, 48 x 48mm size, 90 to 270V AC / DC		4588
PID500-3-0-00 V2-CE	4-Digit dual (Red+Green) display PID controller with Universal Input and 0-10VDC analog output + 1 relay output, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		5047
PID110-0-0-01	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs, 96 x 48mm size, 90 to 270V AC / DC		4183
PID110-2-0-04	4-Digit dual (Red+Green) display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs + RS485 communication, 96 x 48mm size, 90 to 270V AC / DC		5532
PID330-0-0-01	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs, 96 x 96mm size, 90 to 270V AC / DC		4453
PID330-0-0-04	4-Digit dual (Red+Green) display PID controller with Universal Input and 3 relay outputs + RS485 communication, 96 x 96mm size, 90 to 270V AC / DC		5128
PID330-2-0-01	4-Digit (Red+Green) dual display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs, 96 x 96mm size, 90 to 270V AC / DC		4321
PID330-2-0-04	4-Digit dual (Red+Green) display PID controller with Universal Input and 4-20mA analog output + 2 relay outputs + RS485 communication, 96 x 96mm size, 90 to 270V AC / DC		5532
PID528-1	4-Digit dual (Red+Green) display PID controller with 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		4369
PID528-1 V2-CE	4-Digit dual (Red+Green) display PID controller with 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		4806



HUMIDITY & TEMPERATURE CONTROLLER

- Rh sensor input (Humidity)
- PT100 sensor (Temperature)
- ON-OFF control (Humidity)
- ON-OFF/ PID control (Temperature)
- 90 to 270 V AC / DC supply
- Rh sensor enclosed with the unit

Product Code	Description	HSN Code	Unit MRP
HUMIDITY CONTROLLER			
HC404 <i>New</i>	3 digit white LED white display Humidity controller with Rh sensor input and Relay control output, Alarm relay output, 36 x 72mm size, 90 to 270V AC / DC, CE Certified	90328910	3964
HC205 <i>New</i>	4 digit white LED white dual display Humidity controller with Rh sensor input and Relay control output, Alarm relay output, 72 x 72mm size, 90 to 270V AC / DC, CE Certified		4399
HUMIDITY+TEMPERATURE CONTROLLER			
HTC405 <i>New</i>	3 digit white LED display Humidity+Temperature controller with Rh sensor and PT100 input and 2 X Relay control output, 36 x 72mm size, 90 to 270V AC / DC, CE Certified	90328910	4102
HTC206 <i>New</i>	4 digit (White+Green) LED display Humidity+Temperature controller with Rh sensor & PT100 input and 2 X Relay control output, 72 x 72mm size, 90 to 270V AC / DC, CE Certified		4568



TEMPERATURE CONTROLLER - CX SERIES

- TC/RTD inputs
- Relay/SSR outputs
- Optional alarm output
- Universal Supply voltage
- Bright Single/ Dual display
- Different standard sizes

Product Code	Description	HSN Code	Unit MRP
TEMPERATURE CONTROLLER - CX SERIES			
TC544C	4-Digit dual bright (White+Green) display, Dual set point, Short depth temperature-controller with Relay / SSR & Relay output, 48 x 48mm size, 90 to 270V AC / DC	90328990	2550
TC513CX	3-Digit single White display, Single set point, Temperature controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC		2113
TC538CX	4-Digit dual (White+Green) display, Single set point, Short depth temperature-controller with Relay/ SSR, 48 x 48mm size, 90 to 270V AC / DC		2537
TC244CX <i>New</i>	4-Digit dual (White+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, IDM applicable, 72 x 72mm size, 90 to 270V AC / DC		3195
TC344CX <i>New</i>	4-Digit dual (White+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, IDM applicable, 96 x 96mm size, 90 to 270V AC / DC		3357
TC203CX <i>New</i>	3-Digit single White display, Single set point, Temperature controller with Relay / SSR output, IDM applicable, 72 x 72mm size, 90 to 270V AC / DC		2318
TC303CX <i>New</i>	3-Digit single White display, Single set point, Temperature controller with Relay / SSR output, IDM applicable, 96 x 96mm size, 90 to 270V AC / DC		2318



TEMPERATURE CONTROLLER

- TC/RTD inputs
- Relay/SSR outputs
- Optional alarm output
- Universal Supply voltage
- Bright Single/ Dual display
- Different standard sizes

Product Code	Description	HSN Code	Unit MRP
TEMPERATURE CONTROLLER			
TC544-CT <i>New</i>	4-Digit dual (Red+Green) display, Dual set point, Temperature controller with 2 Relay output and CT input, 48 x 48mm size, 90 to 270V AC / DC	90328990	3191
TC544B	4-Digit dual (Red+Green) display, Dual set point, Short depth temperature controller with Relay / SSR & Relay output, 48 x 48mm size, 90 to 270V AC / DC		2477
TC544B-CE	4-Digit dual (Red+Green) display, Dual set point, Short depth temperature controller with Relay / SSR & Relay output, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		2725
TC533BX	3-digit dual (Red+Green) display, Single set point, Short depth temperature-controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC		2186
TC533BX-CE	3-digit dual (Red+Green) display, Single set point, Short depth temperature-controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		2405
TC513BX	3-Digit single Red display, Single set point, Short depth temperature controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC		1932
TC513BX-CE	3-Digit single Red display, Single set point, Short depth temperature controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC, CE Certified		2125
TC544A *	4-Digit dual (Red+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, 48 x 48mm size, 90 to 270V AC / DC		2979
TC544A-24V	4-Digit dual (Red+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, 48 x 48mm size, 24V DC		3743
TC244AX	4-Digit dual (Red+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, 72 x 72mm size, 90 to 270V AC / DC		3195
TC344AX	4-Digit dual (Red+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, 96 x 96mm size, 90 to 270V AC / DC		3357

Note: * UL variant available

Pricelist 2022 (w.e.f. April 25th, 2022)

Product Code	Description	HSN Code	Unit MRP
TC513AX *	3-Digit single Red display, Single set point, Temperature controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC	90328990	2154
TC203AX	3-Digit single Red display, Single set point, Temperature controller with Relay / SSR output, 72 x 72mm size, 90 to 270V AC / DC		2318
TC303A	3-Digit single Red display, Single set point, Temperature controller with Relay output, 96 x 96mm size, 90 to 270V AC / DC		2097
TC303AX	3-Digit single Red display, Single set point, Temperature controller with Relay with NC contact / SSR output, 96 x 96mm size, 90 to 270V AC / DC		2318
TC533AX	3-Digit dual (Red+Green) display, Single set point, Temperature controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC		2491
DTC503	3-Digit single Red display, Low cost temperature controller with J, K input, Relay output, 48 x 48mm size, 90 to 270V AC / DC		1749
DTC231	3-Digit single Red display, Low cost temperature controller with J, K input, Relay output, 72 x 72 mm size, 90 to 270V AC / DC		1932
DTC331	3-Digit single Red display, Low cost temperature controller with J, K input, Relay output, 96 x 96 mm size, 90 to 270V AC / DC		1749
DTC204A-2	3-Digit single Red display, Dual set point, TC / RTD input, Temperature controller with Relay / SSR & Relay output, 72 x 72mm size, 90 to 270V AC / DC		2734
DTC324A-2	3-Digit single Red display, Dual set point, TC / RTD input, Temperature controller with Relay / SSR & Relay output, 96 x 96mm size, 90 to 270V AC / DC		2734
TC52-400-J-230	Analog temperature controller, J type input, Relay output, 48 x 48mm size, 90 to 270V AC / DC		1765
IDM	Independent Downloader Module		1457



PROCESS INDICATOR

- 4-Digit LED single display
- Universal / Voltage-Current / TC-RTD input
- Optional Retransmission analog Output
- Inbuilt 24V DC Sensor supply
- Alarm output (Optional)
- RS485 MODBUS RTU communication protocol (Optional)

Product Code	Description	HSN Code	Unit MRP
PROCESS INDICATOR			
PIC152A-VI	4 Digit LED display Process indicator with universal input & retransmission output, 2x5A alarm relay output, 48 x 96mm, 90 to 270V AC / DC Supply	90303390	4993
PIC152A-VI-CE	4 Digit LED display Process indicator with universal input & retransmission output, 2x5A alarm relay output, 48 x 96mm, 90 to 270V AC / DC Supply, CE Certified		5492
PIC152A-VI-24V	4 Digit LED display Process indicator with universal input & retransmission output, 2x5A alarm relay output, 48 x 96mm, 24V DC Supply		5991
PIC101-N *	4 Digit LED display Process indicator with universal input & inbuilt 24V DC sensor supply, 48 x 96mm, 90 to 270V AC / DC Supply		2683
PIC101-N-24	4 Digit LED display Process indicator with universal input & inbuilt 24V DC sensor supply, 48 x 96mm, 24V DC Supply		3411
PIC101A-T-230	4 Digit LED display Process indicator with TC & RTD input, 48 x 96mm, 230V AC Supply		1789
PIC101A-VI-230	4 Digit LED display Process indicator with Voltage & Current input, 48 x 96mm, 230V AC Supply		1652
PIC501A-VI-230	4 Digit LED display Process indicator with Voltage & Current input, 48 x 48mm, 230V AC Supply		1668



PROFILE CONTROLLER

- Universal input
- 4-Digit dual display
- 10 programs, 16 steps for each program
- Retransmission output
- Relay / Analog output
- RS485 MODBUS RTU communication protocol

Product Code	Description	HSN Code	Unit MRP
PROFILE CONTROLLER			
PR502-2-0-0	4-Digit dual (Red+Green) display Profile controller with 160 ramp soak steps, 4-20mA analog output, 48 x 48mm size, 90 to 270V AC / DC	90328990	10736
PR502-0-0-1	4-Digit dual (Red+Green) display Profile controller with 160 ramp soak steps, 2 relay output + RS485 communication, 48 x 48mm size, 90 to 270V AC / DC		8873

New



SOLID STATE RELAY

- Control input voltage: 4 to 32V DC
- Load output voltage: 24 to 330V AC / 48 to 480V AC
- Max. load current: 25/ 40A variants
- Output device: TRIAC , SCR's

Product Code	Description	HSN Code	Unit MRP
SOLID STATE RELAY			
RSS-TD1A125ZP <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, TRIAC Switching 24-330V AC load output voltage, 25A load output current, Resistive load	89364900	522
RSS-TD1A140ZP <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, TRIAC Switching 24-330V AC load output voltage, 40A load output current, Resistive load		678
RSS-TD1A225ZP <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, TRIAC Switching 48-480V AC load output voltage, 25A load output current, Resistive load		570
RSS-TD1A240ZP <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, TRIAC Switching 48-480V AC load output voltage, 40A load output current, Resistive load		721
RSS-TA1A125ZP <i>New</i>	AC to AC solid state relay, 90-280V AC input voltage, TRIAC Switching 24-330V AC load output voltage, 25A load output current, Resistive load		570
RSS-TA1A140ZP <i>New</i>	AC to AC solid state relay, 90-280V AC input voltage, TRIAC Switching 24-330V AC load output voltage, 40A load output current, Resistive load		717
RSS-TA1A225ZP <i>New</i>	AC to AC solid state relay, 90-280V AC input voltage, TRIAC Switching 48-480V AC load output voltage, 25A load output current, Resistive load		574
RSS-TA1A240ZP <i>New</i>	AC to AC solid state relay, 90-280V AC input voltage, TRIAC Switching 48-480V AC load output voltage, 40A load output current, Resistive load		725
RSS-TD1A225ZPL <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, TRIAC Switching 48-480V AC load output voltage, 25A load output current, Resistive + Capacitive load		687
RSS-TD1A240ZPL <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, TRIAC Switching 48-480V AC load output voltage, 40A load output current, Resistive + Capacitive load		790
RSS-SD1A290ZPL <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, SCR's Switching 48-480V AC load output voltage, 90A load output current, Resistive + Capacitive load		3205
RSS-SD1A2125ZPL <i>New</i>	DC to AC solid state relay, 4-32V DC input voltage, SCR's Switching 48-480V AC load output voltage, 125A load output current, Resistive + Capacitive load		4230

COOLING CONTROLLER



COOLING CONTROLLER

- Single LED Display
- Relay control output
- NTC input
- ON-OFF control
- compact size
- Auxiliary Relay/SSR output
- IDM, DI, Defrost management available

Product Code	Description	HSN Code	Unit MRP
COOLING CONTROLLER			
CH403-1-NTC *	3 Digits Red display cooling controller with NTC input and Relay & SSR output, 36 x 72mm size, 90 to 270V AC/DC	90328990	1590
CH403-2-NTC	3 Digits Red display cooling controller with NTC input and 20A Relay output, 36 x 72mm size, 90 to 270V AC/DC		1676
CH403-3-NTC	3 Digits Red display cooling controller with NTC input and Relay + Relay output, 36 x 72mm size, 90 to 270V AC/DC		2378
CH403B-1-NTC	2 ½ Digits White display cooling controller with NTC input and 10A Relay output, 36 x 72mm size, 230V AC supply voltage		1244
CH403B-2-NTC	2 ½ Digits white display cooling controller with NTC input and 20A (LUG type) Relay output, 36 x 72mm size, 230V AC supply voltage		1333
CH403B-3-NTC	2 ½ Digits white display cooling controller with NTC input and 20A SPST Relay output + 5A auxiliary relay output, 36 x 72mm size, 230V AC supply voltage		1744
CH403C-1-NTC V2 <i>New</i>	3-Digits White display cooling controller with NTC input and 10A Relay output, 12V SSR auxiliary Output, DI, 36 x 72mm size, 230V AC supply voltage, CE Certified		1590
CH403C-2-NTC <i>New</i>	3-Digits White display cooling controller with NTC input and 20A (LUG type) Relay output, DI, 36 x 72mm size, 230V AC supply voltage, CE Certified		1795
CH403C-3-NTC <i>New</i>	3-Digits White display cooling controller with NTC input, 10A SPDT Relay output, 5A SPST auxiliary Output with cyclic timer, DI, 36 x 72mm size, 230V AC supply voltage, CE Certified		1795

DIGITAL TIMERS & COUNTERS



MULTIFUNCTION TIMER

- Thumbwheel setting
- Single & Dual set points
- Multi-range
- Universal power supply
- Gate/ Pulse start selectable

Product Code	Description	HSN Code	Unit MRP
MULTIFUNCTION			
XT5042 *	4 Digit dual LED display Multi function multi range timer, 2 C/O SPST relay output, 48 x 48mm, 90 to 270V AC/DC Supply	85364900	4418
XT5042-24	4 Digit dual LED display Multi function multi range timer, 2 C/O SPST relay output, 48 x 48mm, 24V DC Supply		5149
XT56-N	3 Digit Single LED display Thumb-wheel timer, On delay/ Interval mode, Multiple time range, 2 C/O SPDT relay output, 48 x 48mm, 90 to 270V AC/DC supply		2696
XT56-N-CE	3 Digit Single LED display Thumb-wheel timer, On delay/ Interval mode, Multiple time range, 2 C/O SPDT relay output, 48 x 48mm, 90 to 270V AC/DC supply, CE Certified		2966
XT56N-24	3 Digit single display Thumb-wheel timer with On delay / Interval modes, Multiple time ranges, 2 C/O SPDT relay output, 48 x 48mm, 24V DC Supply		3614
XT264-3	3 Digit Single LED display Thumb-wheel timer, On delay/ Interval mode, Multiple time range, 2 C/O SPDT relay output, 72 x 72mm, 90 to 270V AC/DC supply		2250
XT364-3	3 Digit Single LED display Thumb-wheel timer, On delay/ Interval mode, Multiple time range, 2 C/O SPDT relay output, 96 x 96mm, 90 to 270V AC/DC supply		2726
XT546	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, Down counting, 48 x 48mm, 85 to 270V AC/DC supply		2513
XT546-CE	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, Down counting, 48 x 48mm, 85 to 270V AC/DC supply, CE Certified		2764
XT546-24V	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, 48 x 48mm, 24V DC supply		3279
XT246	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, Down counting, 72 x 72mm, 85 to 270V AC/DC supply		2513
XT246-24V	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, 72 x 72mm, 24V DC supply		3279
XT346	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, Down counting, 96 x 96mm, 85 to 270V AC/DC supply		2513
XT546BX	3 Digit dual LED display Multi function timer, Multiple time range, 2 C/O SPDT relay output, Up-Down counting, 48 x 48mm, Short depth, 85 to 270V AC/DC supply		2513
XT543-N	3 Digit Single LED display Thumb-wheel timer, Multiple function and time ranges, 2 C/O SPDT relay output, 48 x 48mm, 90 to 270V AC/DC supply		2256

Note: * UL variant available

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SEQUENTIAL TIMER

- Series / Parallel timer
- 8 outputs with 4 functions available
- Cascade output for expansion
- Universal power supply

Product Code	Description	HSN Code	Unit MRP
SEQUENTIAL			
PT380	2 + 4 Digit LED display multi functional sequential timer with 8 Channel output, multiple time ranges, 96 x 96mm, 85 to 270V AC/DC supply	85364900	7826



TIME INTERVAL METERS

- Hour meters
- Auto ranging
- Selectable least count
- Universal power supply / Battery powered

Product Code	Description	HSN Code	Unit MRP
TIME INTERVAL METERS			
TI103C	4 Digit LED Time interval meter with auto/fixed time ranges, 48 x 96mm, 90 to 270V AC/DC supply	91069000	6787
TT412B	6 Digit LED Time interval with multiple time ranges, 36 x 72mm, 90 to 270V AC/DC		2710
TT412	6 Digit LED Time interval with 99999.9/999999 Sec/Min/Hr range, 36 x 72mm, 90 to 270V AC/DC		2612
LT920A-C	7+1/2 Digit LCD display Hour meter, battery powered, Contact input, front/ remote reset 24 x 48mm		1066
LT920A-C-CE	7+1/2 Digit LCD display Hour meter, battery powered, Contact input, front/ remote reset 24 x 48mm, CE Certified		1173
LT920A-V	7+1/2 Digit LCD display Hour meter, battery powered, Voltage input, front/ remote reset, 24 x 48mm		1066
LT920A-V-CE	7+1/2 Digit LCD display Hour meter, battery powered, Voltage input, front/ remote reset, 24 x 48mm, CE Certified		1173
LT945A-C	7+1/2 Digit LCD display Hour meter, battery powered, Contact input, remote reset, 48 x 48mm		1066
LT945A-C-CE	7+1/2 Digit LCD display Hour meter, battery powered, Contact input, remote reset, 48 x 48mm, CE Certified		1173
LT945A-V	7+1/2 Digit LCD display Hour meter, battery powered, Voltage input, remote reset, 48 x 48mm		1066
LT945A-V-CE	7+1/2 Digit LCD display Hour meter, battery powered, Voltage input, remote reset, 48 x 48mm, CE Certified		1173
LTC9A	7+1/2 Digit LCD display Time/ Count totalizer, battery powered, Voltage/Contact input, front/remote reset, 24 x 48mm		1066



SPEED MONITORING RELAY

- Dual set point
- Programmable input scaling
- Auto ranging
- High, Low, Dual speed

Product Code	Description	HSN Code	Unit MRP
SPEED MONITORING RELAY			
SMRD4M1-2-U-CE	4 Digit Speed monitoring relay, 2 C/O SPDT relay output, Scalable input, Auto ranging, 12VDC sensor supply, 90 x 70mm 90 to 270V AC/DC supply	90314900	4032



TOTALISERS

- Count totaliser
- Selectable voltage/ contact input
- Battery powered/ Universal power supply
- Inbuilt sensor supply

Product Code	Description	HSN Code	Unit MRP
TOTALISERS			
XC10D	6 Digit LED Display Counter with 3 Hz/30Hz/1KHz input speed, 48 x 96mm, 90 to 270V AC/DC supply	90291090	2577
XC410B	6 Digit LED Display Counter with 20Hz/5 KHz input speed, 36 x 72mm, 90 to 270V AC/DC supply		2410
XC410A-1-230	6 Digit LED Display Counter with 20Hz/2.5KHz input speed, 36 x 72mm, 230V AC supply		2040
XC410	6 Digit LED Display Counter with 20Hz/2.5KHz input speed, 36 x 72 mm, 230V AC supply		2040
XC410-24V	6 Digit LED Display Counter with 20Hz/2.5KHz input speed, 36 x 72mm, 24V DC supply		3087
LXC900A-C	7+1/2 Digit LCD display Count totalizer, battery powered, Contact input, front/remote reset, 24 x 48mm		1066
LXC900A-C-CE	7+1/2 Digit LCD display Count totalizer, battery powered, Contact input, front/remote reset, 24 x 48mm, CE Certified		1173
LXC900A-V	7+1/2 Digit LCD display Count totalizer, battery powered, Voltage input, front/remote reset, 24 x 48mm		1066
LXC900A-V-CE	7+1/2 Digit LCD display Count totalizer, battery powered, Voltage input, front/remote reset, 24 x 48mm, CE Certified		1173

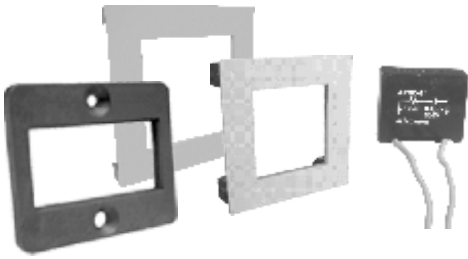


PROGRAMMABLE/ PRESET COUNTER

- Thumbwheel setting
- Auto reset & memory retention functions
- Dual setpoint, Batch counting
- Rate indicators
- Programmable input scaling

Product Code	Description	HSN Code	Unit MRP
PROGRAMMABLE/ PRESET COUNTER			
XC1200 *	6 Digit LED display programmable counter with rate indicator, multi directional counting, 2 C/O SPDT relay output, 48 x 96mm, 90 to 270V AC/DC supply	90291090	6121
XC22B V2	4 Digit LED display Thumb-Wheel Counter with selectable auto reset and memory retention, 2 SPDT relay output, 72 x 72mm, 90 to 270V AC/DC supply		3114
XC2200	6+4 Digit LED display programmable counter with rate indicator and batch counter, multi directional, 2 C/O SPDT relay output, 72 x 72mm, 90-270V AC/DC		3206
XC2200-CE	6+4 Digit LED display programmable counter with rate indicator and batch counter, multi directional, 2 C/O SPDT relay output, 72 x 72mm, 90-270V AC/DC, CE Certified		3527
XTC5400 *	4 Digit dual display Multifunctional and Multirange Timer+counter, 2 C/O SPDT relay output, memory retention, 48 x 48mm, 90 to 270V AC/DC	85364900	4418
XTC4102-CE *	6 Digit white LED display Time + Count Totalizer, 36 x 72mm, Contact/voltage input, 90 to 270V AC/DC supply		2607

OTHER ACCESSORIES



Product Code	Description	HSN Code	Unit MRP
OTHER ACCESSORIES			
TSP04	NTC Probe Sensor	90259000	545
ADAPTER PLATES 72 X 48 (FG)	Adapter plate 72 x 48mm	39269099	197
ADAPTER PLATES 96 X 48 (FG)	Adapter plate 96 x 48mm		197
ADAPTER PLATES 96 X 72 (FG)	Adapter plate 96 x 72mm		197
AP14496	Adapter plate for APFC		197
AP6050	Adapter plate 60 x 50mm for LCD series		78
SNUBBER	Snubber Circuit	85363000	123

SOLAR ON GRID INVERTER *New*

PRICE ON REQUEST



R-71018473

- Range 3.3kW, 6kW^{\$}, 10kW^{\$}, 33kW, 50kW, 100kW
- 5 / 10 Years Limited warranty
- Indigenously developed technology
- SELEC IOT™ subscription

ORDERING INFORMATION

Eg : GTI003WLM1PW , GTI010WLM3PW

Grid Tie Inverter	kW	Wall mount	Phase	Wi - Fi
GTI	003	WLM	1P	W
	006 / 010 / 033 / 050 / 100	WLM	3P	W

Note: \$ BIS certified

Pricelist 2022 (w.e.f. April 25th, 2022)

Notes

Lined area for notes with horizontal dashed lines.



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