



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

PRICE LIST 2023

(With effect from January 24th, 2023)

INDUSTRIAL AUTOMATION

Page

• MiBRX	4
• Flexys Series	8
• Fixed IO PLC Series	10
• HMI	12
• PLC Accessories	13
• Power Supplies	15
• VFD (AC Drive)	18

PROCESS MEASUREMENT & CONTROL

Page

• PID Controller	22
• Temperature Controller	24
• Humidity & Temperature Controller	25
• Process Indicator & SSR	26
• Cooling Controller	27
• Digital Timers & Counters	28
• Other Accessories	31

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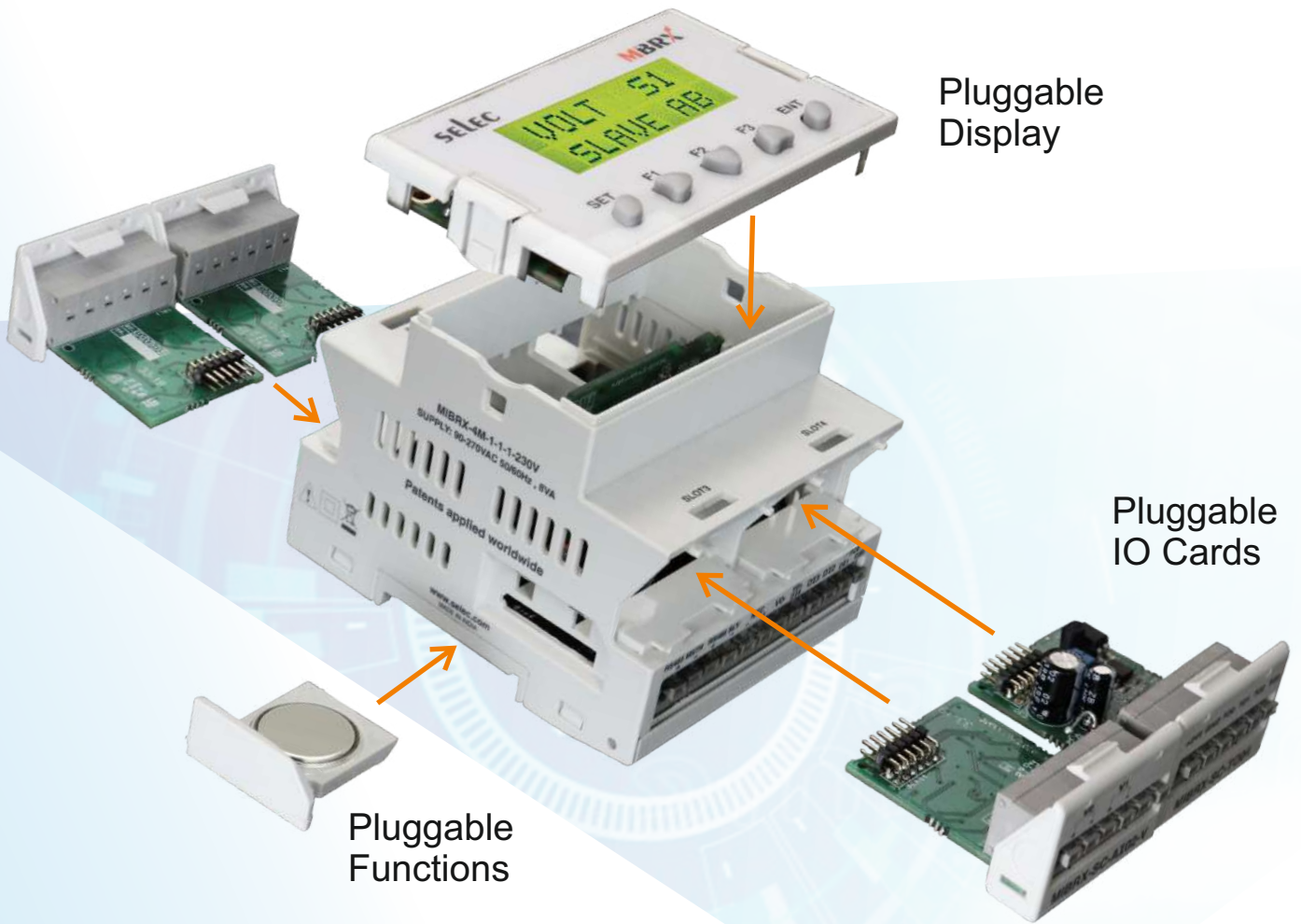
Page

• Solar On Grid Inverter	32
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MBRX™

“Bringing Micro-Modularity to programming controller”

“Tailoring your needs, building brick by brick”



**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-1-0-0-24VAC	MiBRX 2M Base module - 2 slots, 3DI	85371000	3935
MiBRX-2M-1-0-0-24VDC	MiBRX 2M Base module - 2 Slots, 3DI (incl 1FI)		4011
MiBRX-4M-1-0-0-230V	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC		6169
MiBRX-4M-1-1-1-230V	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC, RTC, Master		6660
MiBRX-4M-1-0-0-24VDC	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC		6871
MiBRX-4M-1-1-1-24VDC	MiBRX 4M Base module - 4 Slots, 5DI (incl 1FI, 1AI-V), NTC, RTC, Master		7264
MiBRX-6M-1-1-1-230V	MiBRX 6M Base module - 6 Slots, 11DI (incl 1FI, 1AI-V), + 4RO, NTC, RTC, Master		11445
MiBRX-6M-2-1-1-0-1-24VDC	MiBRX 6M Base module - 6 Slots, 12DI, 24V Power supply with Isolation, Master, ETHERNET & RTC		18770
MiBRX-DSP-2M-0-1-06-A	MiBRX Display 2M - Blind, 6 LED		540
MiBRX-DSP-2M-7-1-04-A	MiBRX Display 2M - 7 seg (4 digit), 6 LED		851
MiBRX-DSP-4M-0-1-06-A	MiBRX Display 4M - Blind, 6 LED		763
MiBRX-DSP-4M-8-2-08-A	MiBRX Display 4M - LCD (8x2)		1611
MiBRX-DSP-6M-8-2-08-A	MiBRX Display 6M - LCD (8x2)		1763



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	5485
MiBRX-48-0-0-24VDC	MiBRX 48x96 Base module - 2 slots, 7DI (incl 1FI, 2AI-V), 1AI-I, NTC		6077

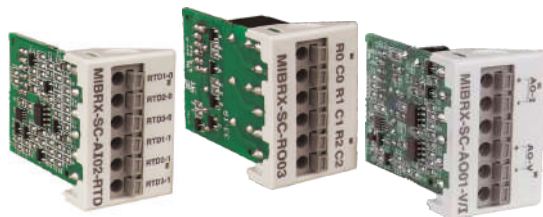
Product Code	Description	HSN Code	Unit MRP
MiBRX-72-0-0-230V	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 3RO, NTC	85371000	5887
MiBRX-72-0-0-24VDC	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 4RO, 1AI-I, NTC		7710
MiBRX-72-0-1-230V	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 3RO, NTC, RTC		6195
MiBRX-72-0-1-24VDC	MiBRX 72x72 Base module - 2 slots, 4DI (incl 1FI, 1AI-V) + 4RO, 1AI-I, NTC, RTC		8205
MiBRX-96-1-0-24VDC	MiBRX 96x96 Base module - 6 slots, 6DI (incl 1FI, 1AI-V), 1AI-I, NTC, Master		8651
MiBRX-96-1-1-24VDC	MiBRX 96x96 Base module - 6 slots, 6DI (incl 1FI, 1AI-V), 1AI-I, NTC, RTC, Master		8613
MiBRX-96-1-0-230V	MiBRX 96x96 Base module - 6 slots, 4DI (incl 1FI, 1AI-V), NTC, Master		7089
MiBRX-96-1-1-230V	MiBRX 96x96 Base module - 6 slots, 4DI (incl 1FI, 1AI-V), NTC, RTC, Master		7537
MiBRX-DSP-48-7-2-11-A	MiBRX Display 48x96 - 7 Seg (3+4 & 4 digit), 6 LED, 10 Bar Graph LED		1927
MiBRX-DSP-48-7-2-14-B	MiBRX Display 48x96 - 7 Seg (8 & 6 digit), 8 LED		2117
MiBRX-DSP-72-8-2-08-B	MiBRX Display 72x72 - LCD (8x2)		1806
MiBRX-DSP-72-7-2-10-B	MiBRX Display 72x72 - 7 Seg (6+4 digit), 4 LED		1718
MiBRX-DSP-96-8-4-16-B	MiBRX Display 96x96 - LCD (16x4)		3567

MiBRX PLC - ADAPTER PLATES

Product Code	Description	HSN Code	Unit MRP
MiBRX-DSP-AP-2M	MiBRX 2M Adapter Plate for independent display	85371000	562
MiBRX-DSP-AP-4M	MiBRX 4M Adapter Plate for independent display		716
MiBRX-DSP-AP-6M	MiBRX 6M Adapter Plate for independent display		932

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	4338
MiBRX-DSP-IND-96-8-2-16-B	MiBRX Independent Display 96x96 - LCD (16x2)		3865
MiBRX-DSP-IND-96-8-4-16-B	MiBRX Independent Display 96x96 - LCD (16x4)		5017
MiBRX-DSP-IND-96-8-0-00-C	MiBRX Independent Display 96x96 - 3.5 Inch Graphic Touch		11215



MiBRX PLC - MINIATURE IO CARD

Product Code	Description	HSN Code	Unit MRP
MiBRX-SC-DI04	MiBRX Slot Card - 4 Digital Inputs	85371000	342
MiBRX-SC-DI04-ISO	MiBRX Slot Card - 4 Digital Inputs (Isolated)		706
MiBRX-SC-DI06	MiBRX Slot Card - 6 Digital Inputs		435
MiBRX-SC-DI06-AC	MiBRX Slot Card - 6 Digital inputs (AC)		435
MiBRX-SC-DI06-ISO	MiBRX Slot Card - 6 Digital Inputs (Isolated)		1062
MiBRX-SC-RO03	MiBRX Slot Card - 3 Relay Outputs		781
MiBRX-SC-RO04	MiBRX Slot Card - 4 Relay Outputs		1431
MiBRX-SC-RO04-12V	MiBRX Slot Card - 4 Relay Output (12V)		1431
MiBRX-SC-RO05	MiBRX Slot Card - 5 Relay Outputs (1.5 A)		1955
MiBRX-SC-TO04	MiBRX Slot Card - 4 Transistor Outputs		925
MiBRX-SC-DI02-RO02	MiBRX Slot Card - 2 Digital Inputs & 2 Relay Outputs		787
MiBRX-SC-DI02-RO03	MiBRX Slot Card - 2 Digital Inputs & 3 Relay Outputs		1100

Product Code	Description	HSN Code	Unit MRP
MiBRX-SC-DI02-TO02	MiBRX Slot Card - 2 Digital Inputs & 2 Transistor Outputs	85371000	595
MiBRX-SC-DI02-AI01-T	MiBRX Slot Card - 2 Digital Inputs & 1 Analog Input - TC/RTD		717
MiBRX-SC-AI02-V	MiBRX Slot Card - 2 Analog Inputs - Voltage		610
MiBRX-SC-AI02-V-ISO	MiBRX Slot Card - 2 Analog inputs - Voltage (Isolated)		4670
MiBRX-SC-AI02-I	MiBRX Slot Card - 2 Analog Inputs - Current		617
MiBRX-SC-AI02-I-ISO	MiBRX Slot Card - 2 Analog inputs - Current (Isolated)		4694
MiBRX-SC-AI02-V-I	MiBRX Slot Card - 2 Analog Inputs - 1 Voltage & 1 Current		632
MiBRX-SC-AI02-TC	MiBRX Slot Card - 2 Analog Inputs - Thermocouple		803
MiBRX-SC-AI02-TC-ISO	MiBRX Slot Card - 2 Analog inputs - Thermocouple (Isolated)		4952
MiBRX-SC-AI02-RTD	MiBRX Slot Card - 2 Analog Inputs - RTD		837
MiBRX-SC-AI02-RTD-ISO	MiBRX Slot Card - 2 Analog inputs - RTD (Isolated)		4938
MiBRX-SC-AI02-PT1000	MiBRX Slot Card - 2 Analog Inputs - PT1000		1106
MiBRX-SC-AI02-PTC	MiBRX Slot Card - 2 Analog Inputs - PTC		732
MiBRX-SC-AI02-NTC	MiBRX Slot Card - 2 Analog Inputs - NTC		732
MiBRX-SC-AO01-V/I	MiBRX Slot Card - 1 Analog Output		1129
MiBRX-SC-AO02-V-I-ISO	MiBRX Slot Card - 2 Analog Outputs (Isolated)		5793
MiBRX-SC-FI02	MiBRX Slot Card - 2 Fast Inputs (10KHz)		1106
MiBRX-SC-FO01-TO01	MiBRX Slot Card - 1 Fast Output (10KHz) & 1 Transistor Output		1701
MiBRX-SC-LC02	MiBRX Slot Card - 2 Analog Inputs - Load Cell (24 Bit)		3759
MiBRX-SC-DL	MiBRX Slot Card - Datalogging (2MB) & RTC		3273
MiBRX-SC-WIFI	MiBRX Slot Card - WIFI		3858
MiBRX-SC-PD	MiBRX Portable Downloader		2992

STANDARD FUNCTION PRODUCTS

Product Code	Description	HSN Code	Unit MRP
LC02-72-7-LC02-RO03-AO01-230V	2 Channel loadcell controller with Retransmission	90318000	12465
TC02-2M-7-RTDA02-RO04-24VDC	2 Channel Temperature controller	90258090	7070
TC08-96-8-RTDA08-RO08-230V	8 Channel Temperature scanner cum controller		16718

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
- 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	14460
FL-GT35-LG-1-0-1-CE-RoHS	Flexys Graphic - Logic card - RTC, MODBUS Expansion		7076
FL-GT35-DI04-PS-230V-CE-RoHS	Flexys Graphic - Power Supply Card - 230VAC, 4 Digital Inputs		4138
FL-GT35-DI04-PS-24V-CE-RoHS	Flexys Graphic - Power Supply Card - 24VDC, 4 Digital Inputs		4612



FLEXYS TX4

- 4x16 character LCD Display
- Flexible IO Card Selection with 4 inbuilt Slots
- RS485 Based Communication with MODBUS RTU
- 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	85371000	15964
FL-TX4-DI04-PS-230V-CE-RoHS	Flexys Panel TX4 – Power Supply Card - 230VAC, 4 Digital Inputs		3836
FL-TX4-DI04-PS-24V-CE-RoHS	Flexys Panel TX4 – Power Supply Card - 24VDC, 4 Digital Inputs		3553



FLEXYS RAIL

- Flexible IO Card Selection with 4 inbuilt Slots
- RS485 Based Communication with MODBUS RTU
- 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	2649
FL-RL-LG-1-0-1-V2-CE-RoHS	Flexys Rail – Logic Card – RTC, MODBUS		10644
FL-RL-BS-6-CE-RoHS	Flexys Rail – Base Card		2636
FL-RL-PS-230V	Flexys Rail – Power Supply Card – 230VAC		2634



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	2688
FL-SC-DI14-CE-RoHS	Flexys IO – 14 Digital Inputs Card		3760
FL-SC-RO08-CE-RoHS	Flexys IO – 8 Channel Relay Output Card		4468
FL-SC-TO08-CE-RoHS	Flexys IO – 8 Channel Transistor Output Card		2732
FL-SC-DI04-RO04-CE-RoHS	Flexys IO – 4 Digital Input, 4 Digital Output Card		3598
FL-SC-AI06-V-CE-RoHS	Flexys IO – 6 Channel Analog Input Card – Voltage		2103
FL-SC-AI06-I-CE-RoHS	Flexys IO – 6 Channel Analog Input Card – Current		2132
FL-SC-AI04-RTD-CE-RoHS	Flexys IO – 4 Channel Analog Input Card – RTD (PT-100)		4191
FL-SC-AI04-TC-CE-RoHS	Flexys IO – 4 Channel Analog Input Card – Thermocouple		3534
FL-SC-AIDF04-TC-CE-RoHS	Flexys IO – 4 Channel Differential Analog Input Card – Thermocouple		5181
FL-SC-AI03-NTC-AI03-I	Flexys IO – 3 Channel Analog Input – NTC, 3 Channel Analog Input – Current Card		3516
FL-SC-AI04-U	Flexys IO – 4 Channel Analog Input Card – Universal (Jumper Selectable)		6443
FL-SC-AO04-V-CE-RoHS	Flexys IO – 4 Channel Analog Output Card – Voltage		8189
FL-SC-AO04-I-CE-RoHS	Flexys IO – 4 Channel Analog Output Card – Current		8185
FL-SC-AI03-U-AO02-U	Flexys IO – 3 Channel Analog Input – Universal, 2 Channel Analog Output – Universal Card		10714
FL-SC-LC04	Flexys IO – 4 Channel Loadcell Input Card		20906



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	2554
EXP FLEX 2M V3	Independent Remote IO base card		2554

Price list 2023 (w.e.f. January 24th, 2023)

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	8424
DIGIX-1-0-0-24VDC	PLC – 8DI, 5RO & 24VDC		8924
DIGIX-1-0-0-24VDC-B	PLC – 8DI, 5RO & 24VDC – Without Display		7053
DIGIX-1-1-1-230V	PLC – 8DI, 5RO & 230VAC – RTC and MODBUS Expansion		10329
DIGIX-2-1-0-24VDC	PLC – 10DI, 8RO, 2AI-V/2DI & 24VDC – MODBUS Expansion		15095
DIGIX-4-1-1-24VDC	PLC – 10DI, 6TO & 24VDC – RTC and MODBUS Expansion		10555



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	6916
TWIX-1-230V	PLC – 6DI, 4RO, 1AI (TC/RTD) & 230VAC		7656
TWIX-1-24VDC	PLC – 6DI, 4RO, 1AI (TC/RTD) & 24VDC		8989
TWIX-2-230V	PLC – 6DI, 5RO, 6AI (2TC/RTD, 2I, 2V/2DI), 1AO(V/I) & 230VAC		12578
TWIX-2-24V	PLC – 6DI, 5RO, 6AI (2TC/RTD, 2I, 2V/2DI), 1AO(V/I) & 24VDC		13260
TWIX-3-24VDC	PLC – 8DI, 6DO, 1AI (TC/RTD) & 24VDC		9319



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	13842
MM3032-2-0-0-24V V2	PLC – 8DI, 6RO, 1AI (V/I), 1AI-NTC & 24VDC		15191

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			
SP113-GT43-S-CE	4.3"HMI without Ethernet, 1.2 GHz, 64MB RAM, 128MB Flash, TFT, Terminal COM, Single RS485/422/232	85371090	15233
SP112-GT40-S-CE	4.3" HMI without Ethernet, 1 GHz Quad core, 256MB RAM, 256MB Flash, TFT, DB9 COM, Single RS485/422/232, USB Powered		16809
SP112-GT40-ET-CE	4.3" HMI with Ethernet, 1 GHz Quad core, 256MB RAM, 256MB Flash, TFT, DB9 COM, Single RS485/422/232, USB Powered		20311
HMI - 7 Inch			
SP113-GT70-S-CE	7" HMI without Ethernet, 1.2 GHz, 64MB RAM, 128MB Flash, TFT, DB9 COM 1- RS485/422/232	85371090	18035
SP112-GT70-S1-CE	7"HMI without Ethernet, 1 GHz Quad core, 256MB RAM, 256MB Flash, TFT, DB9 COM 1/2 - RS485/422/232, Terminal COM 3 - RS485		18560
SP113-GT70-ET-CE	7" HMI with Ethernet, 1.2 GHz, 128MB RAM, 128MB Flash, TFT, DB9 COM 1- RS485/422/232		25584
SP112-GT70-ET1-CE	7"HMI with Ethernet, 1 GHz Quad core, 256MB RAM, 256MB Flash, TFT, DB9 COM 1/2 - RS485/422/232, Terminal COM 3 - RS485		24998
HMI - 10 Inch			
SP112-GT100-ET-CE	10.1"HMI with Ethernet, 800 MHz, 128MB RAM, 256MB Flash, TFT, DB9 COM 1/2 - RS485/232, Terminal COM 1- RS485	85371090	40232

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	5398



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	1411
RLYMD-2-S8-1CO-24VDC-CE-RoHS	Relay Modules – 8 Channel 1 Change Over		2544
DOUBLE CHANGE OVER			
RLYMD-1-S4-2CO-24VDC-CE-RoHS	Relay Modules – 4 Channel 2 Change Over	85364900	1743
RLYMD-2-S8-2CO-24VDC-CE-RoHS	Relay Modules – 8 Channel 2 Change Over		3279



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	5434
AC-USB-RS485-02	Converter Cable – USB to RS485 (2 wire)		5699
AC-USB-RS485-03	Converter Cable – USB to RS485 (RJ25)		5695



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	2904



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	5913



CABLES & ADAPTER

- Standard cable for communication
- Expansion & Networking

Product Code	Description	HSN Code	Unit MRP
AC-IOEXP-01	Communication Adapter	85444299	570
AC-IOEXP-03	Communication Adapter		622
ACH-001	Communication Cable – 9 Pin D-Type to 9 Pin D-Type		783
ACH-002	Download / Communication Cable – 9 Pin D-Type to RJ25(6Pin)		713
ACH-003	Standard Cable – RJ45 to RJ45 (8Pin)		583
ACH-004	Expansion Cable – RJ25 to RJ25 (6Pin)		526

FREE Windows based software for Ladder & HMI Programming



Price list 2023 (w.e.f. January 24th, 2023)

POWER SUPPLIES



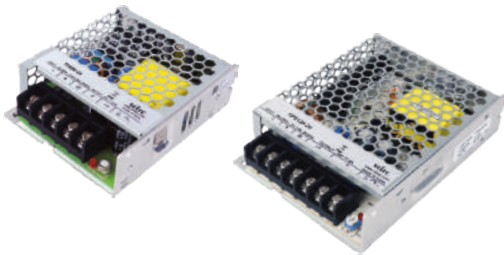
DIN RAIL POWER SUPPLIES

- 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-CE-RoHS	26.4W, 24V/1.1A DIN rail mounted Power Supply in Plastic Housing - CE Certified	85044090	1739
RPS15-05-CE	12W, 5V/2.4A DIN rail mounted Power Supply in Plastic Housing - CE Certified		1486
RPS15-12-CE	15W, 12V/1.25A DIN rail mounted Power Supply in Plastic Housing - CE Certified		1487
RPS15-24-CE	15W, 24V/0.625A DIN rail mounted Power Supply in Plastic Housing - CE Certified		1486
RPS40-12-CE	30W, 12V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2060
RPS40-15-CE	30W, 15V/2A DIN rail mounted Power Supply in Plastic Housing - CE Certified		2060
RPS40-24-CE	40W, 24V/1.6A DIN rail mounted Power Supply in Plastic Housing - CE Certified		1991
RPS40-48-CE	40W, 48V/0.8A DIN rail mounted Power Supply in Plastic Housing - CE Certified		1991
RPS60-05	50W, 05V/10A DIN rail mounted Power Supply in Plastic Housing		2703
RPS60-12	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing		2500
RPS60-15	60W, 15V/4A DIN rail mounted Power Supply in Plastic Housing		2703
RPS60-24	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing		2297
RPS60-48	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing		2703
RPS60-05-CU	50W, 05V/10A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2973
RPS60-12-CU	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2703
RPS60-15-CU	60W, 15V/4A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2973
RPS60-24-CU	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2703
RPS60-48-CU	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		2973
RPS120-12	96W, 12V/8A DIN rail mounted Power Supply in Plastic Housing		3243
RPS120-15	120W, 15V/8A DIN rail mounted Power Supply in Plastic Housing		3243
RPS120-24	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing		2568
RPS120-48	120W, 48V/2.5A DIN rail mounted Power Supply in Plastic Housing		2973
RPS120-12-CU	96W, 12V/8A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		3514
RPS120-15-CU	120W, 15V/8A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		3514

Price list 2023 (w.e.f. January 24th, 2023)

Product Code	Description	HSN Code	Unit MRP
RPS120-24-CU	120W, 24V/5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		3046
RPS120-48-CU	120W, 48V/2.5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		3514
RPS240-12-CU	216W, 12V/18A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		7906
RPS240-24-CU	240W, 24V/10A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		7904
RPS240-48-CU	240W, 48V/5A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		7529
RPS480-24-CU	480W, 24V/20A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		12319
RPS480-48-CU	480W, 48V/10A DIN rail mounted Power Supply in Plastic Housing - CE & UL Certified		12322
LRPS240-24 <i>New</i>	240W, 24V/10A DIN rail mounted Power Supply in Plastic Housing		4865
LRPS240-48 <i>New</i>	240W, 48V/10A DIN rail mounted Power Supply in Plastic Housing		5676



PANEL / SURFACE MOUNT POWER SUPPLIES

- Compact size and 1U profile
- Universal Input Range
- -40°C to +70°C Operating Temperature
- Protects against Short Circuit, Overload, Over Voltage
- Efficiencies up to 89 %

Product Code	Description	HSN Code	Unit MRP
OPEN FRAME POWER SUPPLIES			
TPS50-24 <i>New</i>	50W, 24V/2.2A Surface/Panel mount Power Supply In Metal Casing	85044090	1527
TPS120-24 <i>New</i>	120W, 24V/5A Surface/Panel mount Power Supply In Metal Casing		1797



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 for 200W & 350W
- Efficiencies up to 93 %
- Remote Inhibit for 350W

Product Code	Description	HSN Code	Unit MRP
OPEN FRAME POWER SUPPLIES			
OPS2x3-40-05-A-1-CU	3 x 2 x 1.16 Inches Form factor, 5V, 5A, 25 Watts with Convection Cooling	85044090	2873
OPS2x3-40-12-A-1-CU	3 x 2 x 1.16 Inches Form factor, 12V, 3.33A, 40 Watts with Convection Cooling		2599
OPS2x3-40-15-A-1-CU	3 x 2 x 1.16 Inches Form factor, 15V, 2.67A, 40 Watts with Convection Cooling		2599
OPS2x3-40-24-A-1-CU	3 x 2 x 1.16 Inches Form factor, 24V, 1.67A, 40 Watts with Convection Cooling		2588
OPS2x3-40-48-A-1-CU	3 x 2 x 1.16 Inches Form factor, 48V, 0.83A, 40 Watts with Convection Cooling		2691
OPS2x4-60-05-A-1-CU	4 x 2 x 1.16 Inches Form factor, 5V, 10A, 50 Watts with Convection Cooling		3244
OPS2x4-60-12-A-1-CU	4 x 2 x 1.16 Inches Form factor, 12V, 5A, 60 Watts with Convection Cooling		2977
OPS2x4-60-15-A-1-CU	4 x 2 x 1.16 Inches Form factor, 15V, 4A, 60 Watts with Convection Cooling		2977
OPS2x4-60-24-A-1-CU	4 x 2 x 1.16 Inches Form factor, 24V, 2.5A, 60 Watts with Convection Cooling		2922
OPS2x4-60-48-A-1-CU	4 x 2 x 1.16 Inches Form factor, 48V, 1.25A, 60 Watts with Convection Cooling		2922

Product Code	Description	HSN Code	Unit MRP
OPS2x4-150-12-A-1-CU	4 x 2 x 1.16" Form factor, 12V, 12.5A, 150 Watts with Forced Air Cooling & 12V, 8.33A, 100 Watts with Convection Cooling	85044090	4496
OPS2x4-150-15-A-1-CU	4 x 2 x 1.16" Form factor, 15V, 10A, 150 Watts with Forced Air Cooling & 15V, 6.67A, 100 Watts Convection Cooling		4496
OPS2x4-150-24-A-1-CU	4 x 2 x 1.16" Form factor, 24V, 6.25A, 150 Watts with Forced Air Cooling & 24V, 4.16A, 100 Watts Convection Cooling		4502
OPS2x4-150-48-A-1-CU	4 x 2 x 1.16" Form factor, 48V, 3.125A, 150 Watts with Forced Air Cooling & 48V, 2.08A, 100 Watts Convection Cooling		4338
OPS2x4-200-12-A-1-CU	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		6686
OPS2x4-200-15-A-1-CU	4 x 2 x 1.16" Form factor, 15V, 13.33A, 200 Watts with Forced Air Cooling & 15V, 8.67A, 130 Watts Convection Cooling		6686
OPS2x4-200-24-A-1-CU	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		6686
OPS2x4-200-48-A-1-CU	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		6686
OPS3x5-350-12-A-1-CU	5 x 3 x 1.16 Inches Form factor, 12V, 25A, 300 Watts with Forced Air Cooling & 12V, 16.67A, 200 Watts Convection Cooling		8971
OPS3x5-350-15-A-1-CU	5 x 3 x 1.16" Form factor, 15V, 23.33A, 350 Watts with Forced Air Cooling & 15V, 13.33A, 200 Watts Convection Cooling		8971
OPS3x5-350-24-A-1-CU	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		8971
OPS3x5-350-48-A-1-CU	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		8971

VFD (AC Drive)

New



VFD-L & VFD-S

- 0.5 HP to 20 HP (0.40 KW to 15 KW)
- V/F Control
- Automatic Voltage Regulation
- 150% Overload Capacity for 1 min
- Detachable User Interface (Display+Keypad) for S Series only
- PI Control
- Over Current, Over Voltage, Under Voltage, Overheat, Overload, Under Current Protection
- RS485 Modbus Communication

Product Code	Description	HSN Code	Unit MRP
VFD-L & VFD-S SERIES			
VFD-L-1-005-230V	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4kW, Compact series (4 DI's PNP/NPN, 2AI, RS485, 1RO, Built In Display)	85044090	12551
VFD-L-1-010-230V	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75kW, Compact series (4 DI's PNP/NPN, 2AI, RS485, 1RO, Built In Display)		13447
VFD-S-1-005-230V	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4kW, General Purpose series (5 DI's PNP/NPN, 1AI, POT input, RS485, 1RO, 1 TO, 1AO, Detachable Display)		14228
VFD-S-1-010-230V	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75kW, General Purpose series (5 DI's PNP/NPN, 1AI, POT input, RS485, 1RO, 1 TO, 1AO, Detachable Display)		14575
VFD-S-1-020-230V	1 PH 230VAC IN, 3 PH 0-230VAC OUT 2HP/1.5kW, General Purpose series (5 DI's PNP/NPN, 1AI, POT input, RS485, 1RO, 1 TO, 1AO, Detachable Display)		15979
VFD-S-3-010-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.75kW, General Purpose series (5 DI's PNP/NPN, 1AI, POT input, RS485, 1RO, 1 TO, 1AO, Detachable Display)		18653
VFD-S-3-020-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5kW, General Purpose series (5 DI's PNP/NPN, 1AI, POT input, RS485, 1RO, 1 TO, 1AO, Detachable Display)		20041
VFD-S-3-030-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2kW, General Purpose series (5 DI's PNP/NPN, 1AI, POT input, RS485, 1RO, 1 TO, 1AO, Detachable Display)		20995
VFD-SH-3-050-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.7KW. Heavy Duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		30018
VFD-SN-3-075-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW. Normal duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		30538
VFD-SH-3-075-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW. Heavy duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		37349
VFD-SN-3-100-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW. Normal Duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		37349
VFD-SH-3-100-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW. Heavy Duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		41499
VFD-SH-3-150-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 15HP/11KW. Heavy Duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		52228
VFD-SN-3-200-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 20HP/15KW. Normal duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485		54969
VFD-SH-3-200-B-415V	3 PH 415VAC IN, 3 PH 0-415VAC OUT 20HP/15KW. Heavy duty, (8DI PNP/NPN, 2AI, 2TO, 2RO, 1AO), RS485	64547	

Price list 2023 (w.e.f. January 24th, 2023)



FD9 & FD3000

- 1 HP to 30 HP (0.75 KW to 22 KW)
- V/F & Vector Control
- RS485 Modbus Communication
- Over Current, Over Voltage, Under Voltage, Over heat, Overload and Phase Loss Protection
- Detachable User Interface (Display+Keypad)
- Inbuilt PID Control

Product Code	Description	HSN Code	Unit MRP
FD9 SERIES			
FD9-1-010-C-CE	1 PH 230VAC IN, 3 PH 0~230VAC OUT 1HP/0.7KW	85044090	16990
FD9-1-020-C-CE	1 PH 230VAC IN, 3 PH 0~230VAC OUT 2HP/1.5KW		18686
FD9-3-010-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.7KW		21341
FD9-3-020-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5KW		21904
FD9-3-030-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2KW		22466
FD9-3-050-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.75KW		28756
FD9-3-075-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW		37415
FD9-3-100-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW		39387
FD9-3-150-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 15HP/11KW		60047
FD9-3-200-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 20HP/15KW		63208
FD9-3-250-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 25HP/18.5KW		75852
FD9-3-300-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 30HP/22.4KW		82171
FD3000-1-010-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75KW		16283



FD100 & FD300

- 1 HP to 660 HP (0.75 KW to 500 KW)
- V/F Control, Vector Control
- RS485 Modbus Communication
- Over Current, Over Voltage, Under Voltage, Over heat, Overload and Phase Loss Protection
- Detachable User Interface (Display+Keypad)
- Inbuilt PID Control

Product Code	Description	HSN Code	Unit MRP
FD100 & FD300 SERIES			
FD100-1-010-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.75KW	85044090	17344
FD100-1-020-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 2HP/1.5KW		18805
FD100-1-030-C-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 3HP/2.2KW		22860
FD100-3-010-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.75KW		20530
FD100-3-020-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5KW		21238
FD100-3-030-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2KW		23362
FD100-3-050-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.75KW		28317
FD300-3-050-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.75KW		37580
FD300-3-075-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW		42181
FD300-3-100-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW		48317

Price list 2023 (w.e.f. January 24th, 2023)

Product Code	Description	HSN Code	Unit MRP
FD300-3-150-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 15HP/11KW	85044090	59821
FD300-3-200-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 20HP/15KW		76693
FD300-3-250-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 25HP/18.5KW		88197
FD300-3-300-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 30HP/22.4KW		97784
FD300-3-400-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 40HP/30KW		131145
FD300-3-400-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 40HP/30KW with inbuilt Brake Unit		145717
FD300-3-500-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 50HP/37.5KW		153386
FD300-3-500-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 50HP/37.5KW with inbuilt Brake Unit		168725
FD300-3-600-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 60HP/45KW		195567
FD300-3-600-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 60HP/45KW with inbuilt Brake Unit		216658
FD300-3-750-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 75HP/55KW		218575
FD300-3-750-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 75HP/55KW with inbuilt Brake Unit		239666
FD300-3-1000-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 100HP/75KW		322110
FD300-3-1200-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 120HP/90KW		352788
FD300-3-1500-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 150HP/110KW		410307
FD300-3-1750-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 175HP/132KW		556024
FD300-3-2100-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 210HP/160KW		602040
FD300-3-2500-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 250HP/185KW		786103
FD300-3-2700-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 270HP/200KW		824449
FD300-3-2900-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 290HP/220KW		958662
FD300-3-3300-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 330HP/250KW		1169568
FD300-3-3700-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 370HP/280KW		1246261
FD300-3-4200-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 420HP/315KW		1303781
FD300-3-4600-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 460HP/350KW		1572206
FD300-3-5300-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 530HP/400KW		1821458
FD300-3-6000-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 600HP/450KW		1878978
FD300-3-6600-C-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 660HP/500KW		1955671

VFD - ACCESSORIES

Product Code	Description	HSN Code	Unit MRP
VFD - ACCESSORIES			
AC-FD300-PG1.0	PG Card for FD300 series for all variants from 15HP onwards	90303390	7079
AC-FD100-1-0-0	Separate keypad for FD100 series drives	90303390	4425
AC-FD200-0-1-1	Extension cable and mounting bracket	39269099	531
AC-FD200-1-0-0	Separate keypad for FD200 & FD300 series drives	90303390	4425

New



FL100

- 0.5 HP to 10 HP (0.4 KW to 7.5 KW)
- V/F Control
- RS485 Modbus Communication
- Over Current, Over Voltage, Under Voltage, Over heat, Overload and Phase Loss Protection
- Inbuilt PID Control

Product Code	Description	HSN Code	Unit MRP
FL100 SERIES			
FL100-1-005-CB-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 0.5HP/0.4KW	85044090	15221
FL100-1-010-CB-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 1HP/0.7KW		15929
FL100-1-020-CB-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 2HP/1.5KW		17698
FL100-1-030-CB-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 3HP/2.2KW		20176
FL100-1-040-CB-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 4HP/3KW		23008
FL100-1-050-CB-CE	1 PH 230VAC IN, 3 PH 0-230VAC OUT 5HP/3.75KW		28671
FL100-3-010-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 1HP/0.7KW		16636
FL100-3-020-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 2HP/1.5KW		19468
FL100-3-030-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 3HP/2.2KW		21238
FL100-3-050-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 5HP/3.7KW		25132
FL100-3-075-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 7.5HP/5.5KW		31503
FL100-3-100-CB-CE	3 PH 415VAC IN, 3 PH 0-415VAC OUT 10HP/7.5KW		33273

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	5080
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		5738



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	3712
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		3243
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		3243
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		4409
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		6154
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		5020

Product Code	Description	HSN Code	Unit MRP
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	90328990	4836
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		6638
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		5506
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		4601
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		6414
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		4693
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		6486
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		5185
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		5831
PID528-1	4-Digit dual (Red+Green) display PID controller with 2 relay outputs, 48 x 48mm size, 90 to 270V AC / DC		5065



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	2805
TC513CX	3-Digit single White display, Single set point, Temperature controller with Relay / SSR output, 48 x 48mm size, 90 to 270V AC / DC		2035
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		3549
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		3729
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		2575
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		2575



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			
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	9032	2752
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		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		2036
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		2464
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		3277
TC544A-24V	4-Digit dual (Red+Green) display, Dual set point, Temperature controller with Relay / SSR & Relay output, 48 x 48mm size, 24V DC		4340
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		3368
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		3538

Note: * UL variant available

Price list 2023 (w.e.f. January 24th, 2023)

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	2369
TC203AX	3-Digit single Red display, Single set point, Temperature controller with Relay / SSR output, 72 x 72mm size, 90 to 270V AC / DC		2550
TC303A	3-Digit single Red display, Single set point, Temperature controller with Relay output, 96 x 96mm size, 90 to 270V AC / DC		2210
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		2550
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		2740
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		1843
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		2036
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		1843
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		3037
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		3037
IDM	Independent Downloader Module		1536



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	4178
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		4637
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	4324
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		4815



PRECISION PROCESS INDICATOR

- 24 bit low drift ADC universal input
- Universal input , 2 x Alarm relay output
- Retransmission analog output
- 24V inbuilt sensor supply
- 4 Digital inputs, IDM applicable

Product Code	Description	HSN Code	Unit MRP
PRECISION PROCESS INDICATOR			
PIC352-11-U-0-1	4 Digit dual alphanumeric display process indicator, with bar graph representation LCD display, Precise 24Bit low drift input, Retransmission output, 96 x 96mm size, 90 to 270V AC / DC	90328990	10000

Note: * UL variant available

Price list 2023 (w.e.f. January 24th, 2023)



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	5263
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		6101
PIC152A-VI-24V	4 Digit LED display Process indicator with universal input & retransmission output, 2x5A alarm relay output, 48 x 96mm, 24V DC Supply		6655
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		2828
PIC101-N-24	4 Digit LED display Process indicator with universal input & inbuilt 24V DC sensor supply, 48 x 96mm, 24V DC Supply		3955
PIC101A-T-230	4 Digit LED display Process indicator with TC & RTD input, 48 x 96mm, 230V AC Supply		1987
PIC101A-VI-230	4 Digit LED display Process indicator with Voltage & Current input, 48 x 96mm, 230V AC Supply		1741
PIC501A-VI-230	4 Digit LED display Process indicator with Voltage & Current input, 48 x 48mm, 230V AC Supply		1853

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	550
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		715
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		601
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		760
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		601
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		756
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		605
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		764
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		724
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		833
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		3378
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		4458

Price list 2023 (w.e.f. January 24th, 2023)

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			
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	90328990	1311
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		1481
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		1937
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		1766
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		1994
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		1994

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	5122
XT5042-24V	4 Digit dual LED display Multi function multi range timer, 2 C/O SPST relay output, 48 x 48mm, 24V DC Supply		5970
XT56-N V2	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		2842
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		4190
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		2688
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		3028
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		2764
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		3205
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		4147
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		2649
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		3802
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		2792
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		2649
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		2378



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	9073



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			
TT103C	4 Digit LED Time interval meter with auto/fixed time ranges, 48 x 96mm, 90 to 270V AC/DC supply		8155
TT412B	6 Digit LED Time interval with multiple time ranges, 36 x 72mm, 90 to 270V AC/DC		2902
LT945A-V	7+1/2 Digit LCD display Hour meter, battery powered, Voltage input, remote reset, 48 x 48mm		1236
LT945A-V-CE	7+1/2 Digit LCD display Hour meter, battery powered, Voltage input, remote reset, 48 x 48mm, CE Certified		1360
LTC9A	7+1/2 Digit LCD display Time/ Count totalizer, battery powered, Voltage/Contact input, front/remote reset, 24 x 48mm		1173



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		2863
XC410B	6 Digit LED Display Counter with 20Hz/5 KHz input speed, 36 x 72mm, 90 to 270V AC/DC supply		2150

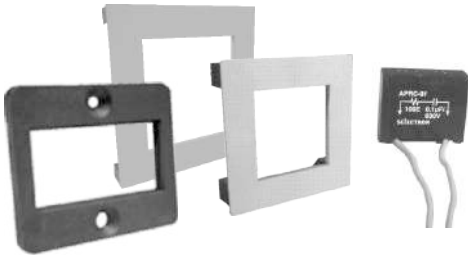


PROGRAMMABLE/ PRESET COUNTER

- 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			
XC562 <i>New</i>	6+6 Digit Digital programmable counter, with rate and Batch indication, 48 x 48mm size, capacitive touch keypad, 90 to 270V AC / DC supply voltage		4090
XC262 <i>New</i>	6+6 Digit Digital programmable counter, with rate and Batch indication, 72 x 72mm size, 90 to 270V AC / DC supply voltage		4085
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		6800
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	90291090	3459
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		3562
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		5122
XTC4102-CE *	6 Digit white LED display Time + Count Totalizer, 36 x 72mm, Contact/voltage input, 90 to 270V AC/DC supply	85364900	2896

OTHER ACCESSORIES



Product Code	Description	HSN Code	Unit MRP
OTHER ACCESSORIES			
TSP04	NTC Probe Sensor	90259000	605
ADAPTER PLATES 72 X 48 (FG)	Adapter plate 72 x 48mm	39269099	243
ADAPTER PLATES 96 X 48 (FG)	Adapter plate 96 x 48mm		243
ADAPTER PLATES 96 X 72 (FG)	Adapter plate 96 x 72mm		243
AP6050	Adapter plate 60 x 50mm for LCD series		108
SNUBBER	Snubber Circuit		85363000

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

Price list 2023 (w.e.f. January 24th, 2023)