



YARA TECHNOLOGIES

Quality is more than your expectation

House of Industrial Automation & Panel Accessories



LV SWITCHGEARS | PANEL METERS | CURRENT TRANSFORMERS |
TIMERS | CABLES | ROTARY SWITCHES | MONITORING RELAYS |
PLC'S | HMI'S | POWER SUPPLY'S | STARTERS | THYRISTORS.



PHONE : 97897 02766 / 77080 22066

SF NO: 7/139-3 , GIRI NAGAR , NEW KEERANATHAM ROAD ,
SARAVANAMPATTI , COIMBATORE - 641035.

www.yaratechnologies.co.in

LOCATION





YARA TECHNOLOGIES

Quality is more than your expectation



The last three years have seen our business, Yara Technologies, operate effectively in Coimbatore. We recognise the value of giving our customers the greatest possible experience. It's crucial that we create an experience that inspires a strong sense of loyalty towards our business every time.

We understand that success in all we do is necessary for the success of our clients. The basis for excellence is built on being responsive to market demands, guaranteeing the quality of our goods, understanding consumer pleasure in-depth, providing trustworthy services, and inspiring our workers to succeed.

This ensures innovation and excellence. - Excellence is our primary goal.



CONTACT

97897 02766 / 77080 22066

E-MAIL

yaratech18@gmail.com

CONTACTORS & OLR'S



2 / 3 / 4 Pole & Capacitor Duty Contactor / Range : 3 kVAr to 66 kVAr
9 A TO 800A Contactor & 0.12A to 800 OLR's
4 NO TO 4 NC Multiple Combination Available
TRIP CLASS - 10A & IP20 for Terminals & Dust Free Cover as in-Built



MPCB & CAPACITORS

Protection Circuit Breaker Ratings - 0.1 A to 32 A
High Magnetic Setting - Suitable for IE2, IE3 and IE4 Motors
Mechanical Life: 100000 cycles / Electrical Life: 100000 cycles
Normal / Heavy Duty Capacitors - Cylindrical & Box Type



MCB & SURGE PROTECTION DEVICES

0.5 to 125A available, 1/2/3/4 Pole Available,
Protection against Overload & Short Circuit
SPD - High Discharge Current & Better Protection



TIME SWITCHES & ACCL

Automatic lighting control with Digital display
Analog/ Digital/ Astronomical Switch available
ACCL - With genset Start/Stop Options
Low power Consumption



AIR CIRCUIT BREAKER & ATS



ACB Available @ 400A to 6300A
Reference Product standard : IEC 60947- 1 & 2
No. Of Poles : TP, FP, Fixed & Draw out Versions
Related insulation Volt @ 1000V/ Operational 690V
High Breaking Capacity upto 150KA

MCCB & RCCB



Wide range : 16 A to 1600 A (AC) Compact dimensions
Adjustable thermal setting (70-100%) In Adjustable magnetic setting (5-10 times / 4-10 times) In 4P wSN version, neutral makes first and breaks last Uniform front escutcheon plate.

STARTERS



1PHASE - 0.6 kW TO 37.3 kW (0.75 HP to 50 HP)
3PHASE - 7.5 kW to 110 kW (10 HP to 150 HP)
Contactor 4 Pole & 2 Pole (20 A to 40 A)
Thermal Overload Relay 3 Pole & 2 Pole

PLUG & SOCKETS



Plug & Socket 2 Pin to 5 Pin 16 A to 63A & with enclosure available, IP44 & IP67 Standards

TIMERS & HOUR METERS



Compact 17.5mm, 22.5mm wide DIN mount housing & 48x48mm panel mounting
Mono & Multi-function: Non-Signal & Signal based functions
Multi-Voltage: 12-240 VAC/DC & Wide Timing : 0.01s to 999 days



Supply: 90 - 270 v AC/DC or 18 - 60v DC & Choice of 3 window sizes, Optically isolated fault inputs with wide fault input voltage range (12-240 VAC/DC +/-10%), Potential free fault inputs Space saving due to lower depth & Inbuilt Buzzer with RS485 Modbus RTU Protocol

ALARM ANNUNCIATORS



TIME SWITCHES & COUNTERS

Analog Time Switches with 150 hours battery reserve Daily/Weekly Programming & Single/Dual channel with high switching capacity of 16A 50 ON/OFF, Pulse, Cyclic & 10 Holiday programs & weekend exclusion, Digital & Electromechanical Counters



MONITORING RELAYS - VOLTAGE / WATER / CURRENT



3P-3W/3P-4W Analog & Digital Voltage Monitoring Relays Single & Three Phase Current Monitoring, Relays-Over & Under Load protection Under & Over Voltage /Current/Frequency monitoring & PTC Relays Fully Automatic operation enabling both draining and filling.

GATEWAY & TRANSDUCERS

Serial protocol support for Modbus(RTU and ASCII) Master/Slave Network protocol support for Modbus TCP (Server/Client) & Supports Raw Serial to Ethernet conversion with Telnet RFC2217 Input/Output configuration selected via DIP switch combinations.



TEMP CONTROLLERS & PROCESS INDICATORS



Universal Sensor Input & Single/Dual acting PID controllers with 5 Control modes, Auto-tuning PID with provision for Soft-Start & 6 Segment Ramp-Soak profile mV(Linear)-5 to 56mV & 2 Alarm outputs - Analog (0-20mA/ 4-20mA or 0-10V/ 0-5V)

SMPS

5W to 150W models available, Excellent Load & Line Regulation, High Noise Immunity & Low Ripple Compact Design with Base/DIN Mounting Over voltage, Overload, Short-Circuit Protection



HMI



4.3", 7" & 10.1" with color TFT display options with & without Ethernet Builtin RTC & CPU - Cortex-M7, 600MHz, 1284 DMIPS RAM - 32 MB & ROM 32MB & 64MB for Ethernet series,



DIGITAL PANEL METER



VAF & MFM METERS

Ammeter & Voltmeter, Watt & Frequency Meter's
Power Factor Meter & Reactive /apparent Meter
Dc Volt Meter (1-500v Dc) / Ammeter (5000a)
Single And Three Phase Available



Volt/amps/hz & True Rms & On Hour/rpm Display - LED & LCD
Three Phase Volt , Amps, Power Active, Apparent Energy
Active Energy Dg & Rs485 Modbus Communication Rtu Protocol
Single Relay Output & Wifi, Gprs Available, All Class 1& 0.5 Accuracy

APFC& ENERGY METER

Auto Detection Of Capacitor Values & Aging
KVAR Sensing With Sophisticated Algorithm
CT Polarity Auto Detection Under - Compansation Output
Active Energy & EB Or EB/DG (Dual) Optional.

CURRENT TRANSFORMERS



Type Tested At ERTIas Per IS2705, FR Grade ABS Housing
Altrasonic Welded, Frequency 50/60hz
Nominal Voltage 660VAC, Dielectric Strength 3KV/1min
Temperature Rating - 10deg C To 70deg C Class E

IOT GATEWAY

Remote Switch On/off Through Mobile Application
Real Time Data Monitoring & Running Hours Of Dg
And Main Supply Is Provided Sonline Customer
Loging Portel / Mobile Application
Information Through Smart Mobile Application

VMR & CMRS

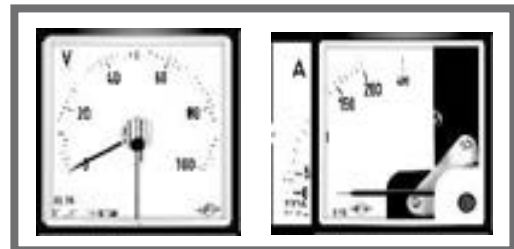


Din Rail & Panel Mounting Type 1 Ph & 3 Ph Models Available
Vmr Trips: Under Voltage / Over Voltage / Phase Loss/
Phase Sequence / Neutral Loss / Phase Asymetric
Under & Over Current / Under & Over Frequency
Analog Preset Type Uv/ov Relay Available

INSULATION TESTER & MEGGERS

Digital & Analog Testers Available
Insulation Range Upto 2000m Ohms & Voltage Upto 1000v
Over Range Indication & Auto Power Off, Rechargeable Battery

ANALOGUE METER



High Coercive Magnetic Circuit,Critically Damped Movement
Highly Linear Dial Pattern,Voltage Range Upto
500v (Ac & Dc) Type Tested At Ertl.





ROTARY & CAM SWITCH

All Rotary 6A To 600A AC & AC/DC 1 Pole To 32 Pole
Rotary / Rotary With Capstan Handle / Small Lockable
Mechanism Of Operations: Slow Break, Quick Break,
Spring Return, Quick Make & Break. Heavy Duty / Lmx / Ass / Vss



RELAY + BASE



Pin Type Relay & Base, 2 To 4 Changeover Contact
5a To 100a Output, Din Rail Mounting

TOGGLE + LIMIT + MICRO SWITCH

1.0 Kv For Terminal To Earth & 1.0 Kv Terminal To Terminal
Frequency Of Operation : 25 Opr/min & Mechanical &
Electrical Life : 1 LACK Operations Toggle - 6a & 15a - On-off-on
Limit Switch: 10a/500v Ac & 50k Mechanical, 25k Electrical Operation



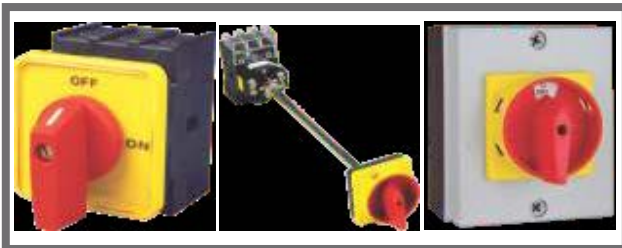
TRIP NETURAL CLOSE



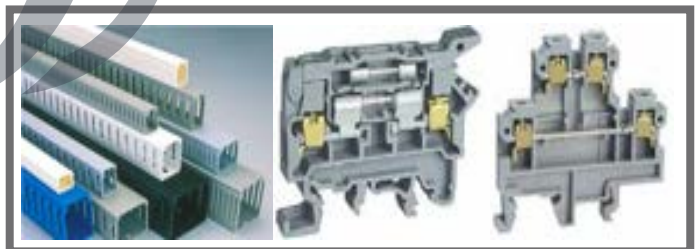
Compact Design & Stay Put
Spring Return & Sequence Locking
Double Break Butt Contact & Lost Motion
25 & 32a 500v Ac & Ip55 For Front Panel

LOAD BREAK SWITCH

3 Pole & 4 Pole ON /OFF,
Multiple Type of Front Mounting Designs Available
AC & DC Isolator Switch, 16 A To 125 A Isolator Switch



DUCT & TERMINAL BLOCKS



All Size Of Duct Available
Thin / Wide / Unslotted Available, 1 Meter & 2 Meter Sizes
2.5 To 95 SQ.MM 3 Layer Terminal & Distribution Block TB's

CABLES

0.5 SQ.MM To 400 SQ.MM Cables, 1 / 2 / 3 / 4 Core Cable Available
Upto 16 SQ.MM Communication Lan Cables, Submersable Cables



CHANGEOVER SWITCH



Phase Change Over 1 pole To 4 Pole
Phase Changeover With Enclosure From Catalogue





TIMERS

12 to 240V AC/DC, 415 VAC, 50/60 Hz, ON DELAY / INTERVAL / STAR DELTA / MULTIFUNCTION TIMERS FORWARD / REVERSE & POD TIMERS.



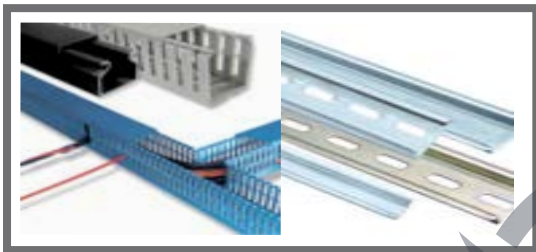
VOLTAGE RELAY



PHASE LOSS / PHASE SEQUENCE / ASYMETTRIC RELAY
SPECIAL PRODUCT FOR ELEVATOR SEGMENT
UNDER VOLT / OVER VOLT PROTECTION WITH 3PH & 1PH

DUCT + DIN RAIL

Halogen Free Wiringducts-Thin / Narrow / Unslotted Available
All Colour & 1 Meter And 2 Meters
1 MM Sliver / Gold Coated Din Rail Channels



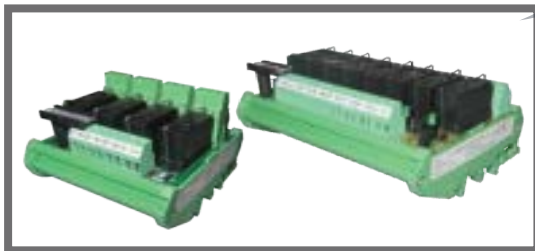
SMPS



Wide Operating Voltage Range: Single Phase,
88 to 264 VAC, 125 to 373 VDC, 47 to 63 Hz
Protections: Short Circuit, Overload & Over Voltage
& Cooling By Free Air Convection

Relay Cards

Modules With Electromechanical Relay With Ac & Dc input
Option Available With Fuse And Fuse Blow
Indication Auto output In EMR & SSR Modules.
Modules Are Available In Green And Black Profile.



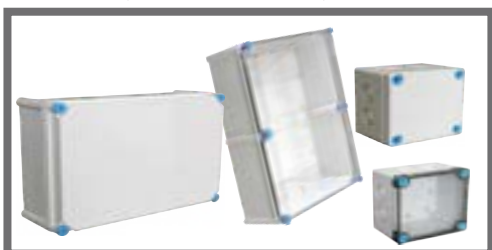
Gland + Lugs



Complete Range Of Sizes & Easy To Install, Metric And PG Thread
& 8 Sizes In Metric & 10 Sizes In PG Thread Available Multi Color.
Insulated Terminals & Non-insulated Terminals &
Connectors & Disconnectors & Flexible Conduits

ENCLOSURES

Thermoplastic / Aluminium / FRP Enclosures ,High Quality
ABS & Polycarbonate Material & High Quality Gasket.
Accessories: Hinged Door Lock,
Mounting Plate & Mounting Clamps.



PLUG and SOCKETS & IDEC PUSH BUTTONS



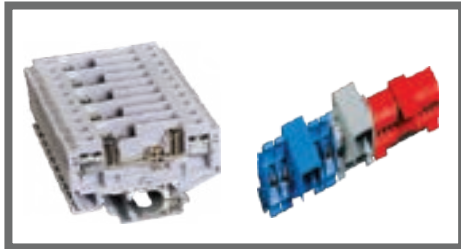
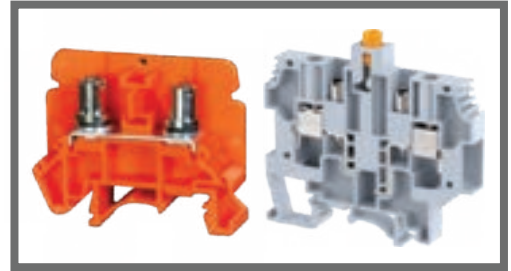
High Impact Resistance & Splash Proof & Water Tight
Single Phase(1P+E+N) & Three Phase (3P+E) & (3P+E+N)
High Quality Raw Material & Safe-reliable And Durable
Fast Make And Break Connection Technology





TERMINAL BLOCK

Suitable for 1000V DC System Design.
Suitable for Conductor size ranging from 2.5 mm to 10 mm .
Identical Profile across the Range.
Common Accessories such as End Plate, Barrier Plates,
End Clamps.



DISTRIBUTION BLOCKS

Distribution Blocks have Polyamide 6.6 housing.
They are mounted on universal DIN-rails (32 / 35 mm)
Distribution Blocks In charge of supply distribution, it is
very easy to accommodate additions / alterations in
distribution system -afacility not available in
traditional bus/cable arrangement.

PHOTOVOLTAIC SOLAR PRODUCTS

- PV Solar Staight Connector
- PV Solar Panel Connector
- PV Solar Branch Connector
- PV Solar Staight Inline Fuse Connectors - 1500v DC.
- PV Solar Over Moulded Wire Harnesses With Fuse 1500v DC.

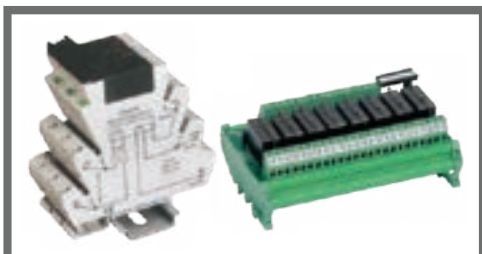
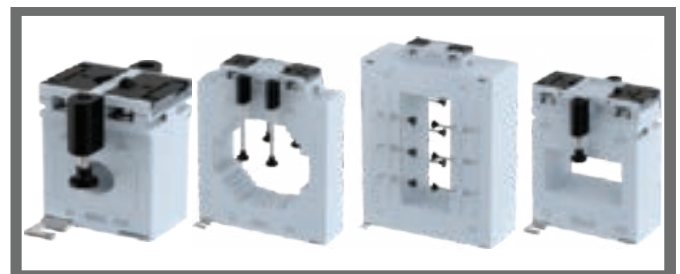


MCB & SURGE PROTECTION DEVICE

MCB 16A, 20A, 25A, 32A, and 63A available
2P, 4P DC MCB
AC & DC Surge Protection Available

LOW VOLTAGE CURRENT TRANSFORMERS

Voltage Class: 660v, 50/60 Hz.
Rated Primarily Current : 1 to 7500 Amps.
Rated Secondary Current : 5A, 1A or 0.577A
(Non-standard available on request).
Burdern:1.25-2.5-3.75-5-7.5-10-15-20-30-40-50-60VA
Short Time Terminal current : 60 In.
Insulation Class : E (or Better)



RELAY INTERFACE MODULES

Relay Make ONE/Omron or Equivalent
Coil Voltage DC: 12V, 12V 48V. AC: 24V 110V, 220V
Contact Rating : Voltage : 230 V AC/30V DC, Current : 10 Amp
Channel to 8 Channels available.





INDICATORS & PUSH BUTTONS

SMD LED Cluster Technology & Inbuilt Low Voltage Glow Protection, Withstands 2kv Surge & Passes 1.5kv HV Test For 60 Seconds Unique & Compact Design & Screw Less, Quick & Easy Assembly Of Contact Block Pass Surge Test 2kv & HV Test Of 1.5kv & IP 20 Terminal Protection & IP 65



LIMIT SWITCHES



Rigid Construction With Metal Body & Cover metal & Plastic Body & Mixed Series Available mechanical Life - 1 Million & Electrical Life - 0.5 Million available In Different Actuators To Suit Different Application

TOWER LIGHTS

Sleek & Stackable Design & SMD LED Technology For Uniform & Bright Illumination Optional Features Of Buzzer With Dual Sound Mode-continuous & Intermittent With 80 Db Output different Mounting Options Like Base Mounted, , Wall Mounted, L Clamp, Swiveling Base IP65 & NEMA (1 | 2 | 3 | 3r | 4 | 4x | 12 | 13)



HOOTERS



Panel Mount Buzzers With 96 X 96 Mm Size standard Model Available With 3 Tones – With Tone Selection Flexibility Pro Version Available In 8 Tones & Volume Control For Customized Applications Passes 2KV Surge & HV of 1.5KV & Available in 24V DC, 110V AC & 240 VAC

PANEL LIGHTS

Completely Assembled Product, Ready to use product Made of Engineering Plastic Making It More Robust, impact Proof, Corrosion Resistance & Fire Retardant Cascading Options Available,sustain 2.5kv Of Surge & 4KV Of EFT & Cascading Options Available



STATIONS & PENDANTS



Robust Design & Easy Handling With Firm Gripping ample Space For Cabling & Interlocking Between Flush Heads For Safe Operations good Aesthetics, Occupies Less Space available Range Of Enclosures Single, 2, 3 & 8 Station





PLC & DRIVES

Ladder, SFC Instruction Languages, PC Based, Programming & Compact size & Application software for stepper motor control, AC motor control Level control & Elevator control. Expandable input /output & Built-in DC power supplies



HMI



Advanced HMI adopts a wide screen and narrow frame design supports Ethernet communication & multi languages inputs Supports GIF Graphic Elements & IP65 Rating & 16 language



Crouzet provides switches and sensors, electro mechanical actuators, electrical production equipments, automation controllers (plc & hmi) and relays.

PLC pre-programmed applications like pump management, level controller , sunset/sunrise timer, flow control, solar tracking and pool filtration.



Wide power and voltage ranges with high performance motor control within a compact size and robust design for long and reliable service

Extendable capabilities through a large range of click-in option modules for ease of use
Integrated programmable automation and motion control

INOVANCE

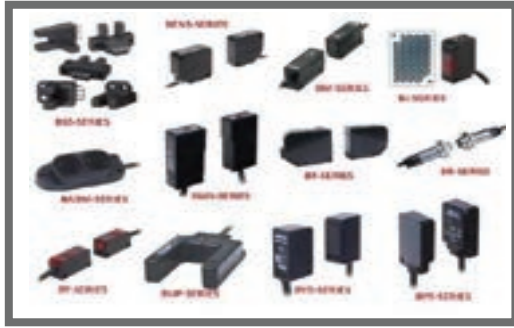
Inovance PLCs are reliable and durable. They are available in small and medium sizes, support bus applications, and can be flexibly combined. Meanwhile, our HMIs offer clear displays and an easy-to-use format.

They can be integrated with any third party equipment, but, for optimal performance, are designed to be used as a package with other Inovance products, such as PLCs and variable speed drives



Autonics

SENSORS AND ENCODERS



We are dealing with Autonics Sensors, like Inductive Proximity Sensors, Capacitive Proximity Sensors, Photo electric Sensors, Fiber Optic Sensors, Area Sensors, Door Sensors, Displacement Sensors & Rotary Encoders, Tower Lamps And switches

CONTROLLER & FIELD INSTRUMENTS

Temperature Controllers, Counters, Timers, Digital Panel Meters Recorders, Indicators, Digital Display Unit, Sensor Control Units, Temperature Sensors, Temperature Transmitters, Pressure Sensors, Pressure Transmitters.



OMRON

SENSORS & SMPS :-

Proximity Sensors, Photoelectric Sensors, Vision Sensors, Relays, Displacement Sensors, Contrast Sensors, Color Sensors Code Readers, Photomicro Sensors, Rotary Encoders, Din rail mount smps, Panel Mount Smps etc.,



CONTROLLER & SAFETY PRODUCTS

Safety Door Switches, Safety Door Interlocks, Safety Light Curtains, Safety Sensors, Safety Controllers, Tem Control, PLC, HMI's etc.,



FIELD/HEAD MOUNT MOUNT TEMP. TRANSMITTERS

Plug - in two line LCD display, hard programmable.
Users own temperature celebration tables can be used.
IP66/IP67 Field Enclosure Stainless Steel Optional



DIN RAIL MOUNT POWER TRANSDUCER

True RMS sensing .
M4 screw terminal.
Max 550VAC Input.
Conforming to IEC 60688.
DIN Rail or Surface mounting.

SIGNAL ISOLATOR

One input and one output signal isolator.
Analog input 4- 20 mA and 0- 10VDC .
RTD Input. Thermocouple input.mV input.
Standard output 4- 20 mA and 0- 10VDC .



THYRISTOR POWER CONTROLLER SIGNAL PHASE

Fuseless technology for over current and short circuit current production.
Operating voltage range: 110VAC to 440VAC.
Frequency: 45HZ to 65 HZ.
4 digit LED display to view and Set the parameters.
Built In Cooling Fan.

REMOTE I/O

Supports DCS/ PLC systems by expanding I/O flexibility in addition to providing all full channel to channel isolation
It communicates directly to the PLC and DCS via industry standard open - protocol networks



THREE PHASE THYRISTOR POWER

Fuseless technology for over current and short circuit current production.
Operating voltage range: 260VAC to 440VAC.
Frequency: 45HZ to 65 HZ.
4 digit LED display to view and Set the parameters.
Built In Cooling Fan.



SIGNAL CONDUCTORS



MULTIFUNCTION METRE

Six different models for different applications including time of use kwh metering and mod bus integration. NEMA 4 rated throw tough design . 3- Line LCD Display With Backlight.

IOT PRODUCTS

Plug and forget integration into existing infrastructure
Device data own easily configured .
Mobile protocols and gateway functions.
Plug in module for system expansion.



CURRENT SENSING SWITCHCES

Ideal for Off / On status , Overload or under load indication , Current sensing switchces from NK Technologies combine a CT

A/C CURRENT TRANSDUCERS

Average responding or true RMS output.
Jumper-selectable range
Solid-core, split-core and large aperture models



DC CURRENT TRANSDUCERS

Jumper-selectable range.
Solid-core, Split-core and Large aperture models

CURRENT & POWER TRANSDUCER WITH RS. 485 MODBUS RTU

AC/ DC Current Tranformer, Galvanically isolated from The Measuring Circuit
The Transformer is Equipped with Rs.485 modbus series output and an analog output 0-10V.





STANDARD ENCLOSURES

Floor Mounting Enclosures/small Enclosures
Compartmental Type Enclosures/wall Mounting Enclosures



STANDARD ENCLOSURES



Modular Enclosures/ Control Desk Enclosures
Indoor & Outdoor Enclosures/ DDC Control Panels

CUSTOMIZED ENCLOSERS

Special Type As Per Customer Request - 0.8 to 5 mm Size Panel
Thickness With Or Without Base Plate IP55 / IP66 Enclosures



LT& HT PANELS



High Tension (HT) and Low Tension (LT) panels
HT (High Tension) Panel handles over 1000 volts
HT Panels are for step-up or step-down for transmission or distribution.
These panels also come in use for high-voltage equipment.
Whereas, LT panels primarily distribute to a localised area
HT panel can withstand high voltage and currents

AUTOMATION PANELS

Automation control panels can perform both simple & complex
processes by employing relays, timers, sensors, starters & controllers.
Graphical Representation of complete process of plant
Saving Energy & Human resources.
Offering Automation panels for Multiple Industries



INDUSTRIAL PANELS



Improved efficiency, quality and safety are the main
benefits of a modern control system,
More performance with less space needed
Communication & Reliability Flexibility and maintenance





NIPPEN
driven by values



YARA TECHNOLOGIES

Quality is more than your expectation

House of Industrial Automation & Panel Accessories

A very wide range of accessories are available. We use the best of our suppliers to provide you with an endless choice that meets all your needs, extreme temperatures. Area considered by splashing water, pharmaceutical, food industry, etc.



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LOCATION

