



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





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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.



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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



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DIGITAL PANEL METER

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



NIPPEN
driven by values

VAF & MFM METERS



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
Logging Portel / Mobile Application
Information Through Smart Mobile Application



VMR & CMRS



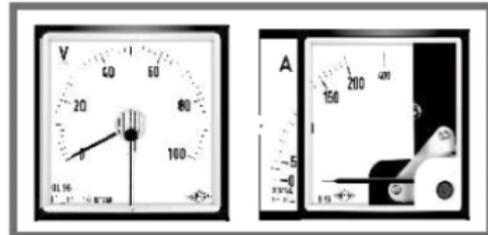
Din Rail & Panel Mounting Type 1 Ph & 3 Ph Models Avalibale
Vmr Trips: Under Voltage / Over Voltage / Phase Loss/
Phase Sequence / Neutral Loss / Phase Asymetric
Under & Over Current / Under & Over Frequency
Analog Preset Type Uv/ov Relay Available

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.

NIPPEN
driven by values



YARA TECHNOLOGIES

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,



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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



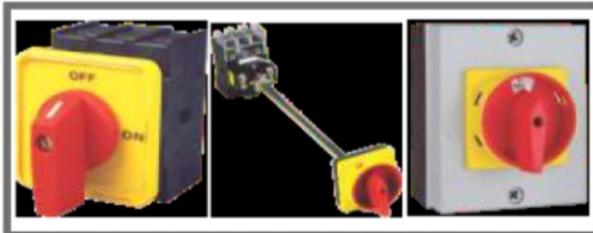
TRIP NETURAL CLOSE



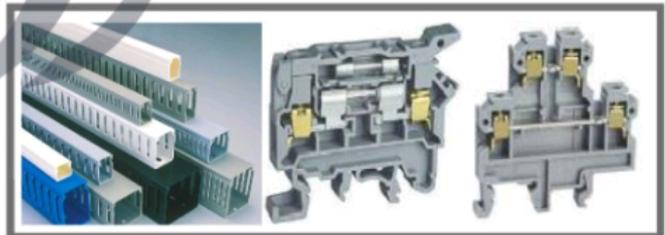
Compact Design & Stay Put
Spring Return & Sequence Locking
Double Break Butt Contact & Lost Motion
25 & 32a 500v Ac & Ip55 For Front Panel

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



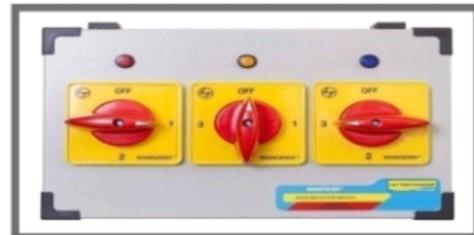
All Size Of Duct Available
Thin / Wide / Unslotted Available, 1 Meter & 2 Meter Sizes
2.5 To 95 SQ.MM 3 Layer Terminal & Distribution Block TB's

CABLES

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



CHANGEOVER SWITCH



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

salzer



YARA TECHNOLOGIES



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)



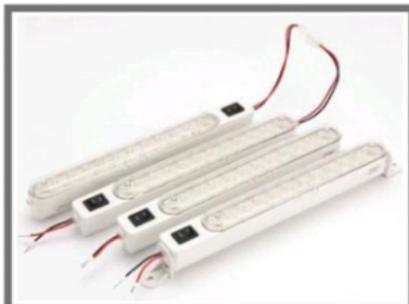
HOOTERS



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





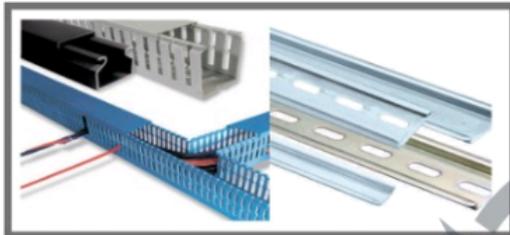
TIMERS

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



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



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.



ENCLOSURES

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



VOLTAGE RELAY



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

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

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

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



YARA TECHNOLOGIES

ADVANCE THYRISTOR

Fuse less technology for over current & short circuit current protection
Operating volt - 110-440 & 260-440VAC (optional) Universal firing
Control mode - voltage/ current/ power 25A to 3000A Thyristor range



BASIC THYRISTOR



Fuse less technology for over current and short circuit current protection
Operating volt - 110-440 & 260-440V AC
Without Display - 100A & 150A

CURRENT TRANSDUCERS

CT Integral Re-Transmission output
CT Range: 50A to 3000A AC/DC
Average Responding or True RMS output
Number selectable ranges
Solid core & split core and large aperture models



SIGNAL TRANSDUCERS



1 input to 1 or 2 outputs Signal Isolator (optional)
Universal inputs - Analog/RTD / TC / mV inputs
Standard output 4-20mA & 0-10VDC
Din Rail Mounting & With Display (Optional)

REMOTE I/O'S

Remote iOS supports DCS/ PLC Systems by expanding I/O's flexibility in addition to providing all full channel to channel isolation, Also stand alone distributed I/O's communicating with popular HMI software.



SMPS



Din Rail / Metal Body SMPS available
0.5 A to 100A SMPS
Medical SMPS for Lab Equipments
1 Ph/ 3 Ph Input based on Customer request





PLC

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 languages

VFD DRIVES

Output frequency: 0.1~600 Hz & Modular & compact design Built-in PLC Function & Built-in EMI filter(230V 1 ph / 460V 3 ph) Optional Fieldbus Modules (DeviceNet, Profibus, Lonworks & CANopen) RFI-switch for mains & Easy DC BUS sharing, Flexible extension & Complete Protection



ENCODERS



Types - Incremental / Absolute/ Magnetic Type/ Coupling Types, Multiple Applications for Industrial & machine Buildings, Different sizes of Housing & accurate Measurements of angle/ position/ Revolution/speed/acceleration and distance

SERVO STABILIZER

Stabilizer with Metering Display with Fault indication 3 Phase - 340-480V AC & 170-270VAC Optional Protect for High Voltage/ low voltage/ overload / Short Circuit & Neutral loss



SENSORS



Proximity/ Photo electrical sensors, Inductive/ Capacitive Sensor Colour mark / Temperature Sensors /Humidity/ Flow Sensors



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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



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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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