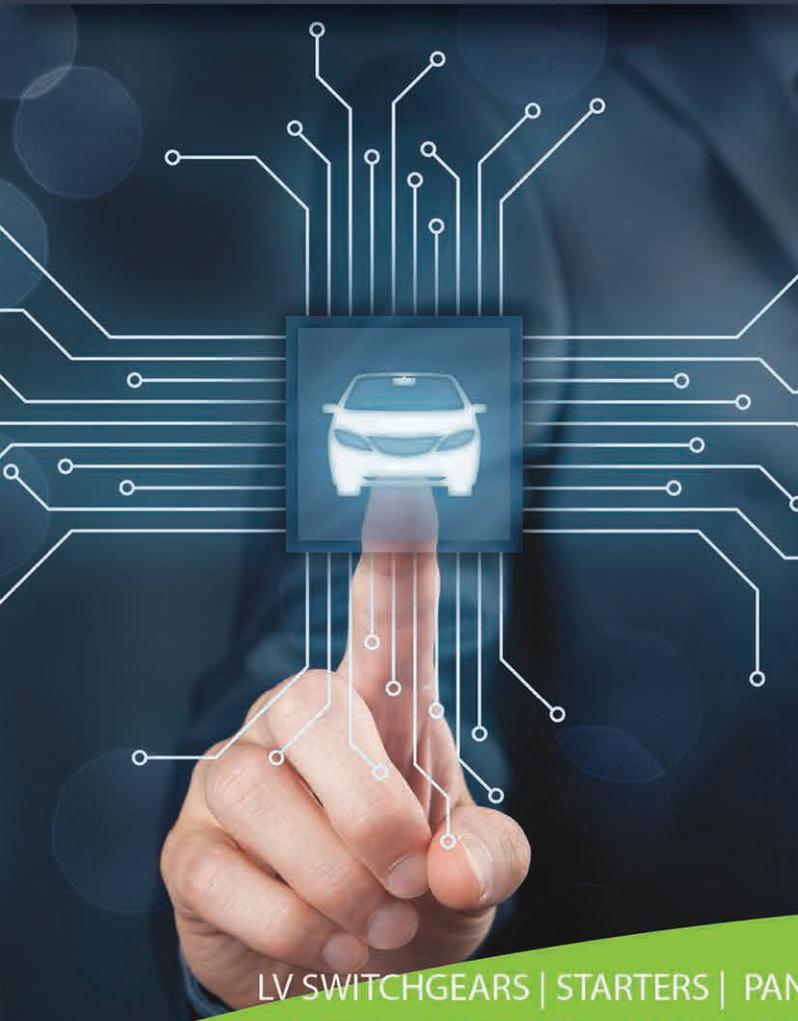




# YARA TECHNOLOGIES

Quality is more than your expectation

## House of Industrial Automation & Panel Accessorie's



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

**LOCATION**



PHONE : 97897 02766 / 99527 92107

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

mail : yaratech18@gmail.com



### CONTACTORS & OLR'S



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



### AIR CIRCUIT BREAKER & ATS



ACB Available @ 400A to 6300A  
Reference Produt 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

### 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 cyles / Electrical Life: 100000 cycles  
Normel / Heavy Duty Capacitors - Cylindrical & Box Type



### 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.

### MCB & SURGE PRODECTION DEVICES

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



### 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

### TIME SWICHES & ACCL

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



### PLUG & SOCKETS



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



### 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/amper/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



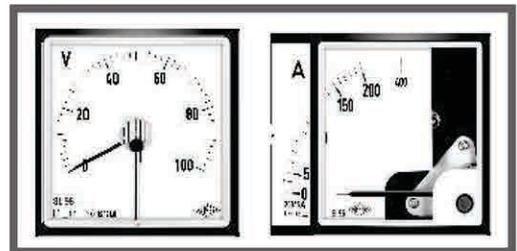
Din Rail & Panel Mounting Type 1 Ph & 3 Ph ModelsAvalibale  
Vmr Trips: Under Voltage / Over Voltage / Phase Loss/  
Phase Sequence / Netural Loss / Phase Asymetric  
Under & Over Current / Under & Over Frequency  
Analog Preset Type Uv/ov Relay Available

### 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,Volatge 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



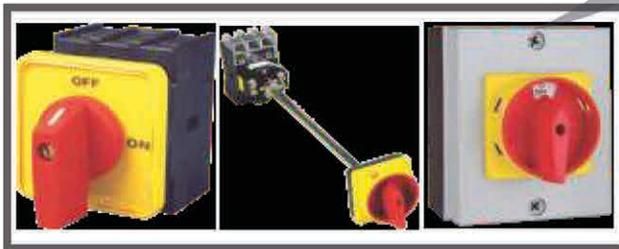
**TRIP NETURAL CLOSE**



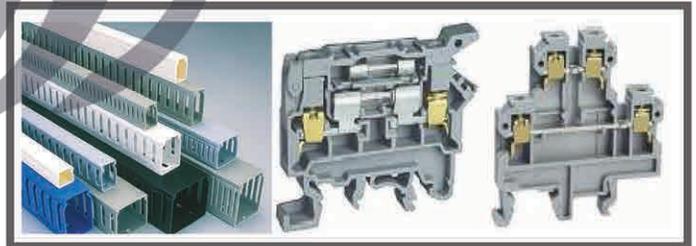
Compact Design & Stay Put  
 Spring Return & Sequence Locking  
 Double Break Butt Contact & Lost Motion  
 25 & 32a 500v Ac & Ip55 For Front Panel

**LOAD BREAK SWITCH**

3 Pole & 4 Pole On /off ,Multiple Type Of Front Panel Available  
 Ac & Dc Isolator Switch, 16a To 125a Isolator Switch



**DUCT & TERMINAL BLOCKS**



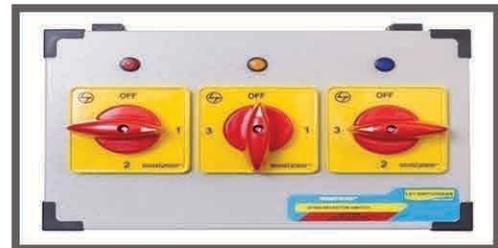
All Size Of Duct Available  
 Thin / Wide / Unslotted Available, 1 Meter & 2 Meter Sizes  
 2.5 To 95 Sq.mm 3 Layer Terminal & Distribution Block Tb's

**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





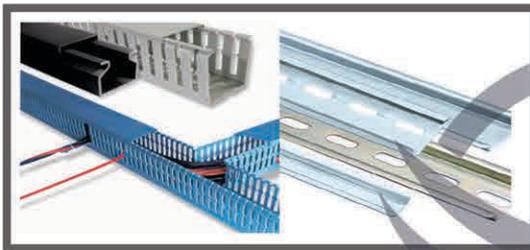
**TIMERS**

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 And Ssr Modules. Modules Are Available In Green And Black Profile.



**ENCLOSURES**

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

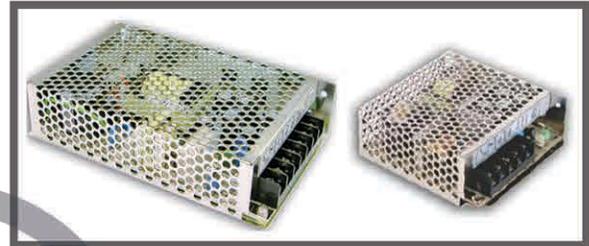


**VOLTAGE RELAY**



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



**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 Built-in RTC & CPU - Cortex-M7, 600MHz, 1284 DMIPS RAM - 32 MB & ROM 32MB & 64MB for Ethernet series,





### STANDARD ENCLOSURES TYPE 1

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



### STANDARD ENCLOSURES TYPE 2



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

### CUSTOMIZED ENCLOSERS

Special Type As Per Customer Resuest/0.8 To 5 Mm Size Panel  
Thickness With Or Without Base Plate Ip 55 / Ip66 Enclosures



### LT& HT PANELS



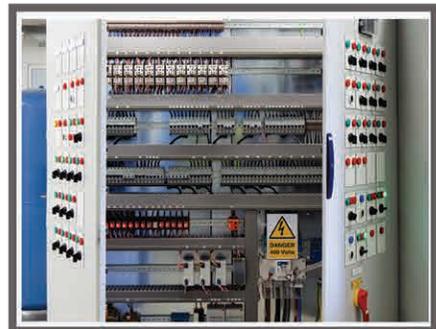
High Tension (HT) and Low Tension (LT) panels  
HT (High Tension) Panel handles over 1000 volts  
HT Panels are for step-up or step-down for transmission or distribution.  
These panels also come in use for high-voltage equipment.  
Whereas, LT panels primarily distribute to a localised area  
HT panel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

### AUTOMATION PANELS

Automation control panels can perform both simple & complex  
processes by employing relays, timers, sensors, starters, and 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





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 framedesign supports Ethernet communication & multilingual inputs Supports GIF Graphic Elements & IP65 Rating &16 languages

VFD DRIVES

Output frequency: 0.1~600Hz & Modular & compact design Built-in PLC Function & Built-in EMI filter(230V 1phase / 460V 3phase) 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





### INDICATORS & PUSH BUTTONS

SMD LED Cluster Technology & Inbuilt Low Voltage Glow Protection, Witstands 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



### 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)



### 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



### 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

### 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

### 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

### 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



1/2 input to 1/2 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 hmm software

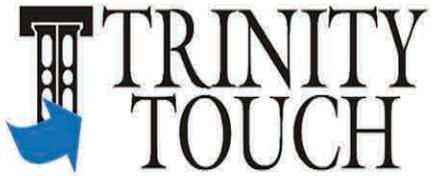


### SMPS



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





# YARA TECHNOLOGIES

Quality is more than your expectation

## House of Industrial Automation & Panel Accessorie's

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.

LOCATION



PHONE : 97897 02766 / 99527 92107

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