

# Product Portfolio



[www.sifamtinsley.com](http://www.sifamtinsley.com)

# About US

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- Registered with State of Georgia as "C" Corporation
- Office and Warehouse in Greater Atlanta Area (Kennesaw)
- Part of Global Group having Manufacturing Operations in Asia and Europe
- Electrical Panel Instrumentation
- Think Panel Meters..  
...Think **Sifam Tinsley**





## India

- Headquarters
- Manufacturing Setup
- R&D Setup



## Poland & China

- Manufacturing Setup
- R&D Setup



## UK, US

- Sales & Distribution
- Warehouse
- Mod Shop

# Global Footprint



# Business Horizons...

## Instrumentation Products & Test Equipment

Standard product sales  
Brand Labelling  
Contract Manufacturing

Aluminium  
Die-Casting  
Customized part  
manufacturing

## Energy Solution Labs

Solutions for reducing  
the cost of energy

## Solar Solutions

Manufacturing of Solar  
Inverters



# Certifications

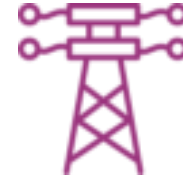




# Markets



Solar/ Renewable  
Power/ Alternate  
Power Industry



Power Transmission/  
Utilities/ Substations



Building Management  
Systems/ Tenant  
Metering/ Submetering



MRO segment &  
electrical  
contractors/  
Electrical equipment  
resellers



Original Equipment  
Manufacturers/  
Process Industries



Panel Builders/  
System Integrators  
/ Motor Control  
Centers/ Data  
Centers

**And many more...**



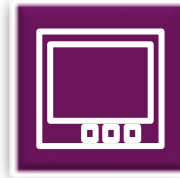
# Product Basket



Analog Panel Meters



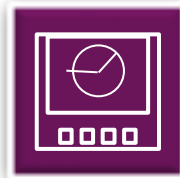
Digital Panel Meters



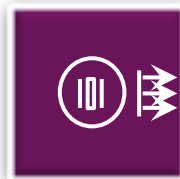
Multi-Function Meters  
(Power/Energy Meters)



Energy Management & Data  
Analytics System



Power Quality Analyzer



Transducers,  
Isolators/Transmitters





# Product Basket



Temperature Controller



I/O's & Converters, Data Loggers, & Paperless Recorders



Power Supplies, Battery Chargers, Relays



CTs & Shunts, CAM Switches



Test & Measurement Instruments



Solar Inverters & Industrial Devices



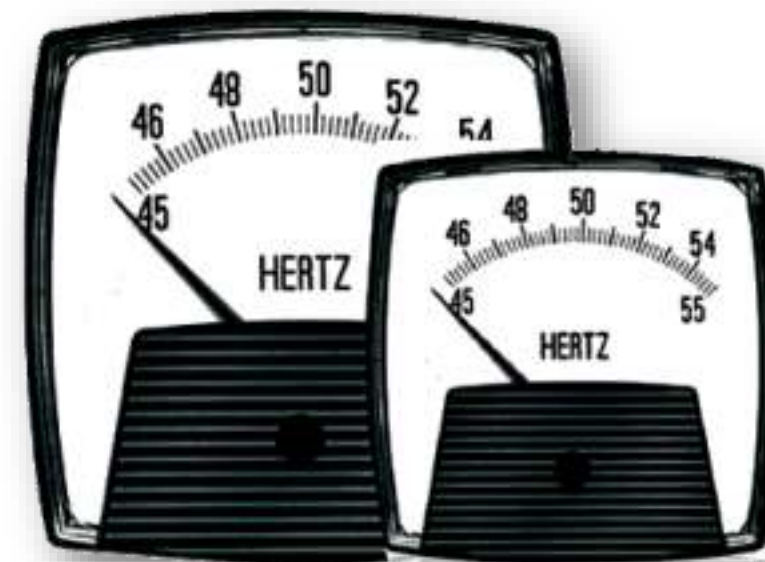
# Electromechanical Products & Panel Accessories



**DIN APM**  
Volts, Amps, Hz, Power, Power Factor - AC&DC - Short Scale & Long Scale



**ANSI Switchboard Meters**  
Volts, Amps, Hz, Power, Power Factor - AC&DC - P&J & Taut Band



**ANSI APM**  
Volts, Amps, Hz, - AC&DC - Smartlook/ Contender/ Vista/ Anush

## Analog Panel Meters

# Electromechanical Products & Panel Accessories



**Solid Core ANSI CTs**  
Model 2, 5, 6, 7 & 8  
Square, Round



**Split Core CTs**  
Available In 5 sizes for varying  
conductor Size. Available in  
Compact Size



**DIN CTs**  
Protection Class and  
Measurement Class CTs with  
20+ sizes. Single & Three Phase  
Transformers

## Current Transformers<sup>10</sup>

# Electromechanical Products & Panel Accessories



Instrument Switches  
Ammeter/Voltmeter Switches  
3/4/7 Positions w/out off  
position



Changeover Switches  
Changeover from one mode to  
another (e.g., utility to genset)



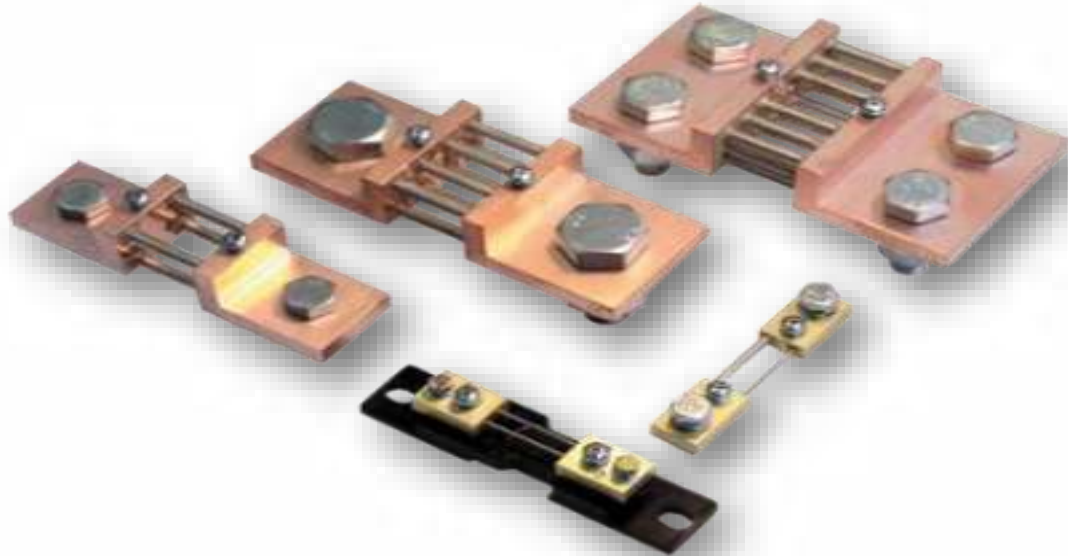
Isolator Switches  
On/Off Operations



Multistep Switches  
Selection of Various  
Parameters like on the  
testing panels

## Rotary CAM Switches

# Electromechanical Products & Panel Accessories



Kappa Series  
DIN Shunts  
B2/B3/B4/B5/B6 Types  
Rated upto 15kA



BP4 Series  
Plate Shunts – popular in North  
America, 0.5 Acc Class

## Electrical Shunts

# Power Monitoring and Control



DIN Multifunction Series  
Power/Energy Parameters with  
Analog/Digital Outputs  
Multi Line Display



ANSI Multifunction Series  
Power/Energy Parameters with  
Analog/Digital Outputs  
Multi Line Display



DIN Rail Multifunction Series  
Power/Energy Parameters with  
Analog/Digital Outputs  
Multi Line Display

# Multifunction Meters

# Power Monitoring and Control



**Power Network Series  
Power/Energy Meters with Data  
Logging, Modbus/ Ethernet/  
BACnet/ ProfiNet/ liOT  
protocols**



**Multi Circuit/Load Monitors  
4 Three Phase or 12 Single  
Phase or Hybrid Load  
connections with the help of 12  
Current and 1 channel 3 phase  
voltage measurement.**



**Power Quality Monitors  
Graphical Touch Screen &  
Recording Meters with Power  
Quality parameters – Sags,  
Swells, Overcurrent, Harmonic  
Analysis**

## Power Network Meters

# Power Monitoring and Control



DC Energy Meter  
Multi Channel/ Single Channel  
DC Energy Meters with  
programmable shunt value and  
USB connectivity



LCD Energy Meters  
Single Source and Dual Source  
LCD Based Energy Meters



Counter Type Energy Meters  
Conventional Counter type  
single and dual source energy  
meters

## Energy Meters

# Power Monitoring and Control



**NP 45**  
**Portable Power Quality Analyzer**  
(Class A or Class A/S options)



**ND 45**  
**Power Quality analyzer**  
(Class A or Class A/S options)



**NP 40**  
**Portable Power Quality Analyzer**

## Power Quality Analyzers



# Power Monitoring and Control



Analog Synchroscope  
4.5" Switchboard Analog  
Synchroscope



DIN LED Synchroscope  
Available in 96x96 mm and  
144x144 mm DIN cutout sizes



DIN Digital Synchroscope  
DIN Synchroscope with Relay  
output functions for  
synchronization



ANSI Digital Synchroscope  
ANSI Synchroscope with  
Relay output functions for  
synchronization

# Power Monitoring and Control



Current/Voltage/Hz Xducers  
Programmable/Non-Programmable, Single/Dual Output, w/wo Display



Power Transducers  
Programmable, Dual Output, with Display, 0.2 Acc Class, W/Var/VA/PF/Phase Angle



Multi Function Transducers  
Programmable, 2/3/4 Outputs, 0.2 Acc Class, Windows based software for monitoring and simulation



1 ph Power Network Xducers  
One phase power network parameters with ethernet and data logging capabilities

# Automation Devices/ Control Instrumentation



Digital Panel Meters  
AC/DC Ammeters/Voltmeters

4/4 ½ Digit, 1 Ph /3 Ph,  
Programmable/ Onsite  
Configurable/ Scalable



Digital Panel Controllers  
N30 Series

Multi Color 5 digits LED  
Universal/  
1ph AC Network/Pulse or  
Rotational/ High Voltage DC I/p  
Fully Programmable



DIN Rail Mount  
Digital Panel Meters

Programmable  
5A and 32/63A AC  
Version



Bargraph Meters NA  
Series

Prog Multicolor  
Bargraph Meters  
Single/dual channel  
Horizontal / Vertical

# Digital Panel Meters

# Automation Devices/ Control Instrumentation



Standard Signal Isolators  
DC Signal Isolators,  
Single I/P Dual O/Ps



Isolating Amplifiers  
Process Input &  
Output/ Temperature  
Transmitters  
Dual I/P Dual O/Ps  
Programmable



Tap Position Transducer  
Programmable Tap  
position for 1-100  
positions



Universal Transmitter  
Fully programmable  
universal isolator with  
ethernet capabilities  
& data logging

## Signal Conditioners

# Automation Devices/ Control Instrumentation



Humidity and Temperature Transducer with digital Display

Measurement and Conversion of Humidity and Temp to digital or analog signal.



Temperature and Humidity Data Logger with MQTT protocols

Measure , Monitor and Record Temperature and Humidity for IoT applications. Models to measure CO2, Light Intensity and TVOC



Temperature Sensors

Heat resistant ceramic cover for High Temperature Measurement



Ultrasonic Level Transducer ULT 20

Built In LCD display level to measure level/distance of Fluid/Granular particles/Dust

## Environmental Transducers

# Automation Devices/ Control Instrumentation



Programmable  
Monitoring Relays  
Digital I/V/F Line Monitoring  
Protection Relays



Manual Protection  
Relays  
Potentiometer based  
Relays - I, V, Phase  
Failure/ unbalance/  
sequence



Earth Leakage Relays  
TRMS Digital Protection  
Earth Leakage Relay with  
Core Balance Current  
Transformers

## Protective Relays

# Automation Devices/ Control Instrumentation



Paperless Screen Recorders  
24 Channels, Digital Inputs,  
Analog Outputs, Alarm  
Outputs. Upto 4GB storage  
capacity



Data Loggers  
Built In FTP and web servers,  
1GB storage, Visualization of  
data according to customer  
configuration



Digital Panel Recorders  
Recording from devices  
with RS485 port. Internal  
Memory of 308000  
records

## Data Loggers/Recorders

# Automation Devices/ Control Instrumentation



Converters  
RS485/RS232/Ethernet/USB  
converters & repeaters



Input/Output Modules  
8 Logic Input/ 8 logic Output  
Modules. Modules with Analog  
Input and Relay Inputs



Analog I/O Module  
Module of 4 Analog Input  
or 4 Analog Outputs

## Converters & I/O modules



# Automation Devices/ Control Instrumentation



Dual Loop Controllers  
Temperature controller  
Controlling Two values in  
one Object .



Controller with  
1, 2, 3 O/P's  
Temperature Controller  
with Universal Input and  
1/2/3 Outputs



Compact Temperature  
Controller  
Temperature Controller with  
Universal Input



DIN RAIL Temperature  
Controllers  
Universal I/P and advance  
graphic display with modular  
design to fit in Standard  
modular switchgears

## Temperature Controllers

# Automation Devices/ Control Instrumentation



Power Supplies E Power Series  
1Phase, 115-230Vac I/P & 12-24Vdc 384 to 480 W O/p, DIN Rail Mountable.



Battery Charger Elite Series  
1Phase, Universal Input Range 90-280 VAC, 127-396 VDC, DIN Rail Mountable

## Power Supplies And Battery Chargers

# Test and Measuring Equipments



**Industrial Purpose Multimeter-  
6K Series**  
Rugged design dual display  
6600 count portable digital  
multimeter series



**Professional Use TRMS  
Multimeter and Data Logger -  
60 K Series**  
Complete tool for Test  
automation with data logging  
facility and Plug & play USB to  
connect with PC



**Advance 60k Multimeter  
Series with Bluetooth**  
Complete tool for Test  
automation with Bluetooth  
and Android/iOS-based  
application



**High Accuracy and  
Precision Multimeters -  
Multi Series**  
4,5,6 digits Analog Digital  
Multimeters with best-in-  
class features

# Test and Measuring Equipments



**TRMS Digital Clamp Meter**  
Delta 1000/300 Series  
AC/DC current and Voltage measurement with rotating jaw facilitate having trigger to open and close.



**Digital Power Clamp Meter**  
Delta Power 1000A/ 400A AC-DC  
Specially designed for 1 ph ,3 ph Power and Power quality parameters measurement with Rotating clamp jaws.



**Solar Clamp Meter**  
Delta Solar Clamp Meter  
Specially designed for measurement of 1500 A/V AC /DC for Solar inverters and high current application.



**Clamp On CT**  
Delta Clip A/Clip B Series  
AC current measurement 1000/1 A or 5A without interrupting the current cable /busbar .

## Clamp Meters

# Test and Measuring Equipments



Handheld Multimeter and Insulation Tester  
Zeta10/20/30 Series  
1 kV upto 3 G-Ohm Handheld Insulation Tester.



Tabletop Insulation Tester  
Zeta 50  
5 kV 1Tohm Tabletop Insulation Tester used for insulation measurement of cables , motors etc.



High End Insulation Tester  
Insu 5Dx/10Dx series  
Digital Insulation Tester 5 kV/10 kV upto 20 T-Ohm used to perform at Power Utilities where induction field is very High.



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