

# Electrical Instrumentation Portfolio

PRECISION INSTRUMENTATION



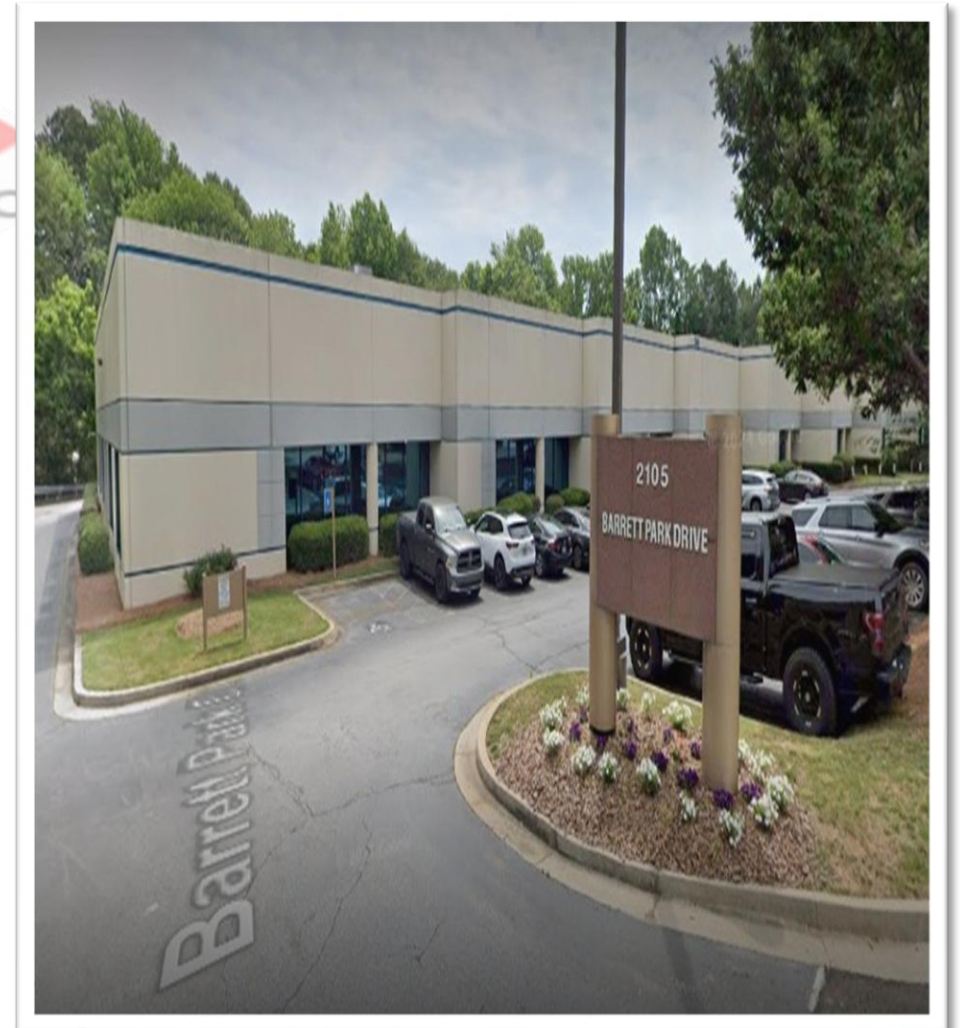
**ST** sifam tinsley

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

# About US



- 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

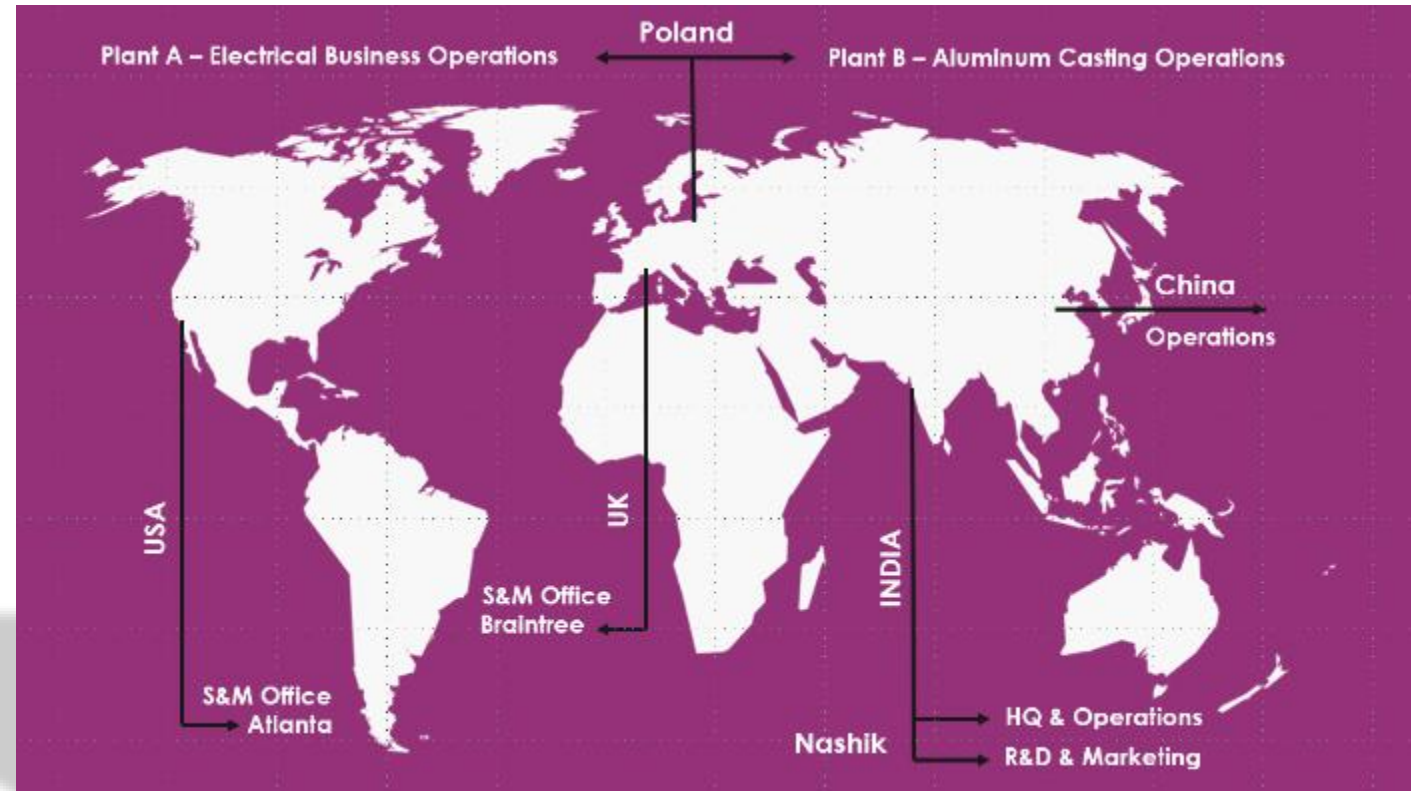
- Manufacturing Setup
- R&D Setup



## 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

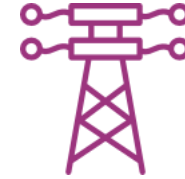
Manufacturing of Solar Inverters



# 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 Data  
Centers Motor Control  
Centers



Panel Builders/ System  
Integrators

And many more...



# **Product Portfolio**

**Electromechanical Products**

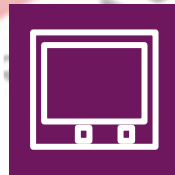
**Industrial Automation &  
Process Control Devices**

**Power Monitoring & Control  
Devices**

**Test & Measurement  
Equipment**

# Product Portfolio

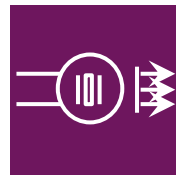
## Power Monitoring & Control



Multifunction Meters, Power/ Energy Meters, Power Quality Analyzers



Energy Management & Data Analytics System Software

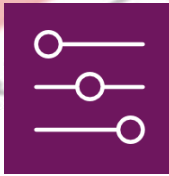


Electrical Transducers & Synchrosopes



# Product Portfolio

## Industrial Automation Devices



Temperature Controllers



I/O modules, Converters, Data Loggers, Paperless Recorders, Power Supplies



Digital Panel Meters, Controllers



Isolators, Signal Conditioners



# Product Portfolio

## Test & Measurement Equipment



Multimeters, Clamp Meters,  
Insulation Testers



Environmental Meters,  
Electrical Testers, Testing Tools



# Product Portfolio

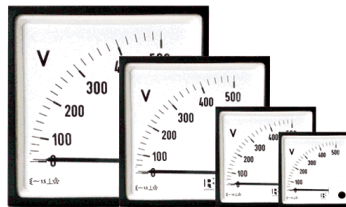
## Electromechanical Products



Analog Panel Meters, Analog  
Switchboard Meters



Current Transformers, Switches &  
Electrical Shunts



# Power Monitoring and Control



Alpha 10, 20, 30, 50, 70



Alpha 20+, 30+, 70+ (ANSI)



ND30, ND45 (PQM, PQA)



Alpha LM Series

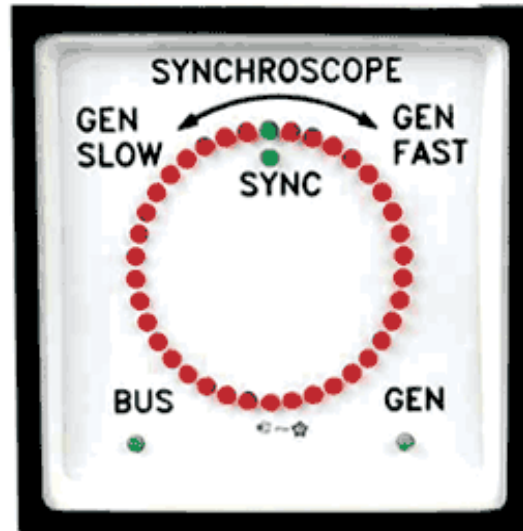
ANSI Multifunction Series  
 Power/Energy Parameters with  
 Analog/Digital Outputs  
 Multi Line Display

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

# 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

# Synchscopes

# Power Monitoring and Control

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

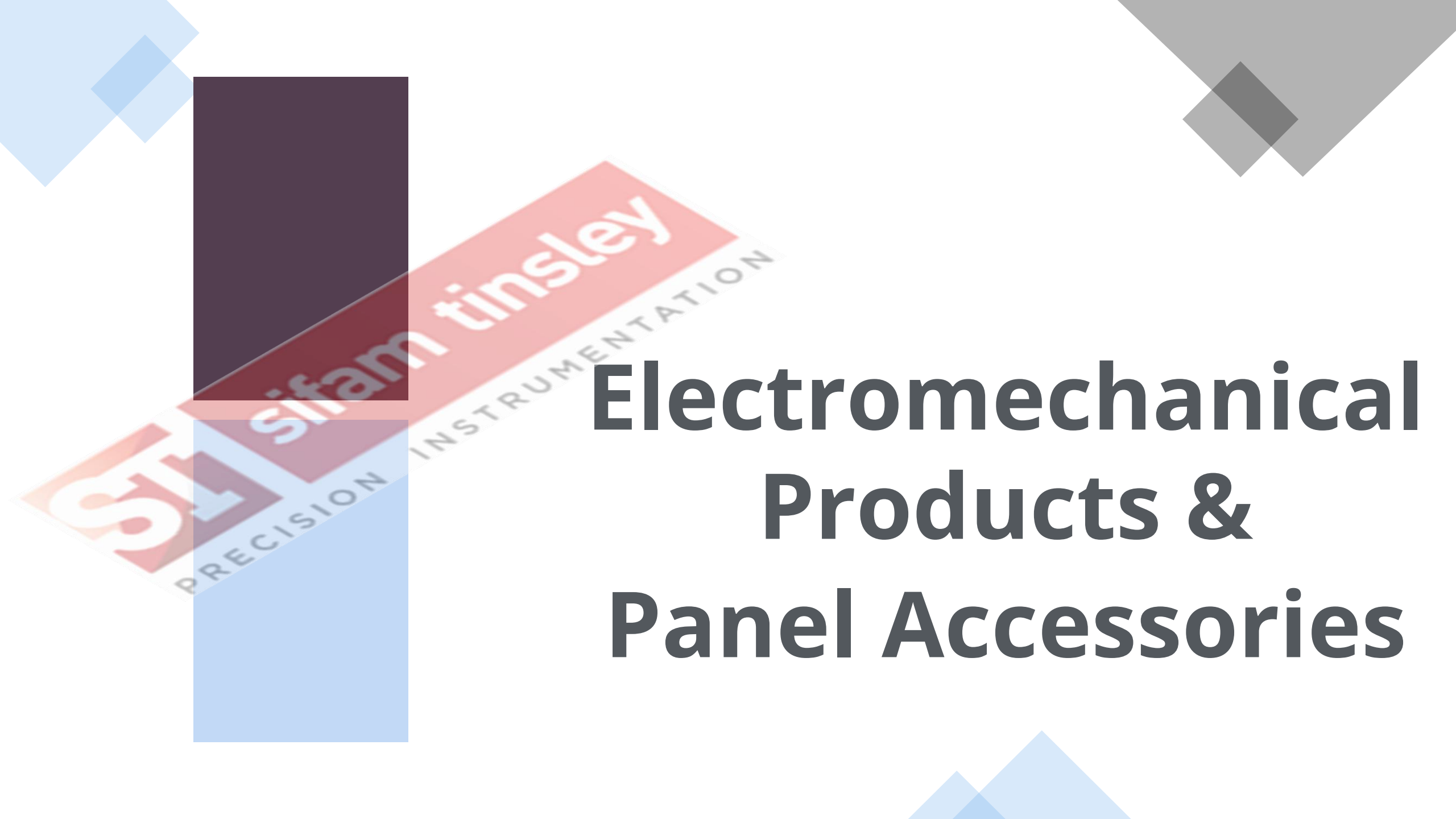


Power Transducers  
Programmable, Dual Output, with Display, 0.2 Acc Class, W/Var/VA/PF/Phase Angle



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

## Electrical Transducers



# **Electromechanical Products & Panel Accessories**

# Electromechanical Products & Panel Accessories

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**MCS Meters**

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



**Smartlook Series**

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



**Contender Series**



**Sigma Series**

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

## Analog Panel Meters

# Electromechanical Products & Panel Accessories

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



DIN CTs

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>16</sup>

# Electromechanical Products & Panel Accessories

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**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**

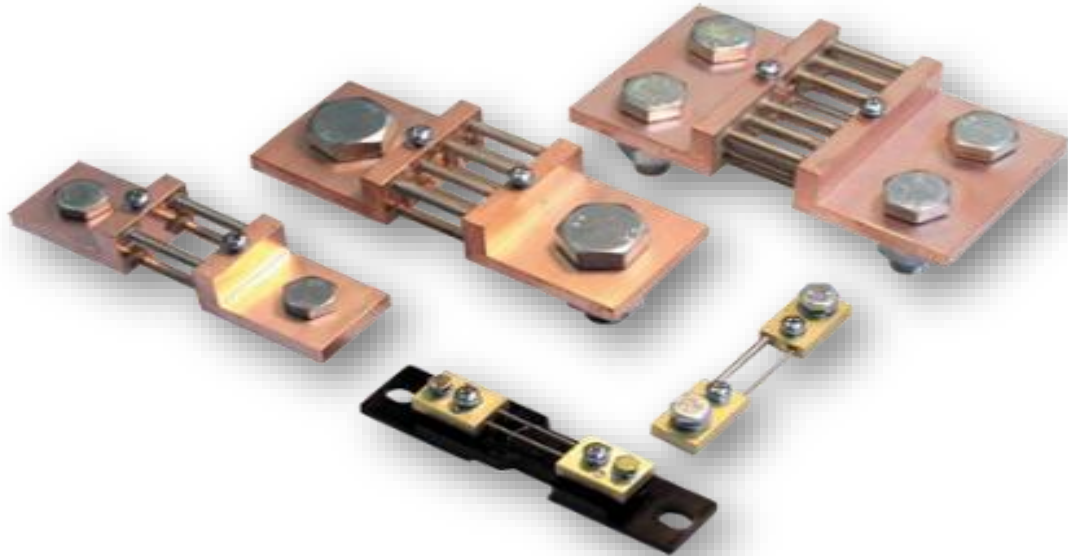


**Multistep Switches**  
**Selection of Various Parameters like on the testing panels**

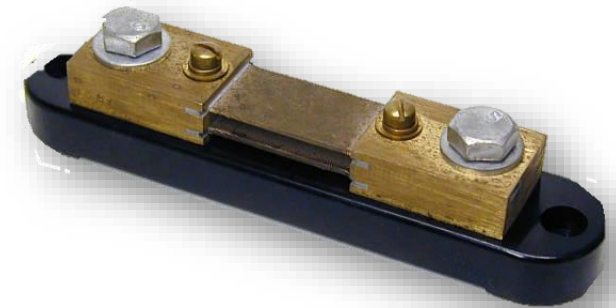
## Rotary CAM Switches

# Electromechanical Products & Panel Accessories

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**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



# **Industrial Automation and Process Control Devices**

# Ind Automation & Process Control Devices

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Digital Panel Meters  
AC/DC Ammeters/Voltmeters

4/5 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 <sup>20</sup>

# Ind Automation & Process Control Devices

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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

# Ind Automation & Process Control Devices

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**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**

## Environmental Transducers

# Ind Automation & Process Control Devices

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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

# Ind Automation & Process Control Devices

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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

# Ind Automation & Process Control Devices

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**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

# Ind Automation & Process Control Devices

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**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



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

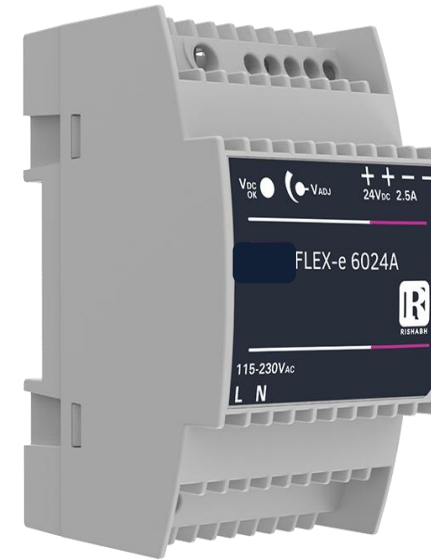
## Temperature Controllers

# Ind Automation & Process Control Devices

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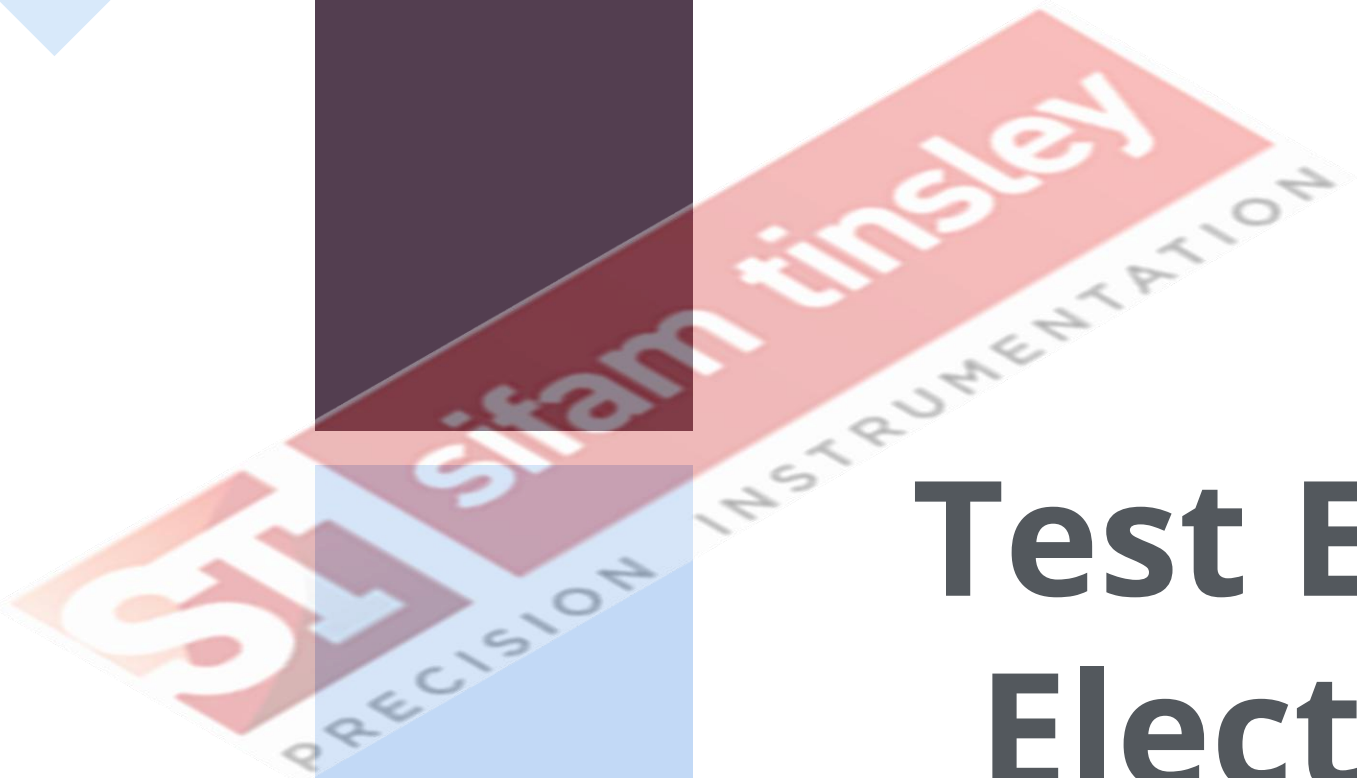


Power Supplies Flex Series-  
Metallic Housing  
1Phase, 2 Phase & 3Phase, upto  
600 W O/p, DIN Rail Mountable.



Power Supplies E Flex Series-  
Plastic  
1Phase, 60 W O/p, DIN Rail  
Mountable.

## Power Supplies



# **Test Equipments & Electrical Testers**

# Test and Measuring Equipment

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**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

# Digital Multimeters

# Test and Measuring Equipment



Gamma 40, 60, 70



Multi 12S...18S



Clamp Meters - AC & AC/DC



Clamp-On CT's



Insulation testers - Zeta



Voltage detectors

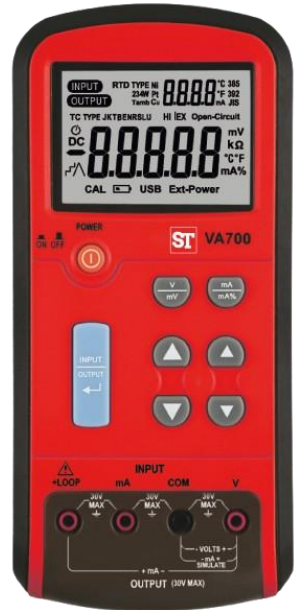


Voltage Testers

# Clamp Meters

# Test Equipment

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Process Calibrators



Temperature guns



Temperature & Humidity meters



Anemometers



Lux Meters

# Environmental meters

