



Product Catalog

**Innovative Products in Electrical Instrumentation-
Powering Precision and Performance.**



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OFFICE, WAREHOUSE AND TRAINING CENTER



OUR MISSION

We are committed to designing and delivering products through the efficient utilization of resources, consistently exceeding customer expectations in terms of quality, delivery, and competitive pricing. The organization strives to achieve operational excellence through innovation and continuous improvement in processes, products, and services, thereby creating sustainable growth opportunities for all stakeholders.

OUR VISION

Our vision is to become a trusted company in North American for electrical and instrumentation panel solutions, known for innovation, reliability, and future-ready technologies. Backed by global expertise and driven by strong local presence, we combine international standards with a deep understanding of regional needs. We are committed to continuously advancing our products through technology and customer-focused design.



END-to-END INTEGRATED CAPABILITIES

FOOTPRINTS



20

Product
Categories



70+

Years Of
Engineering
Expertise



7

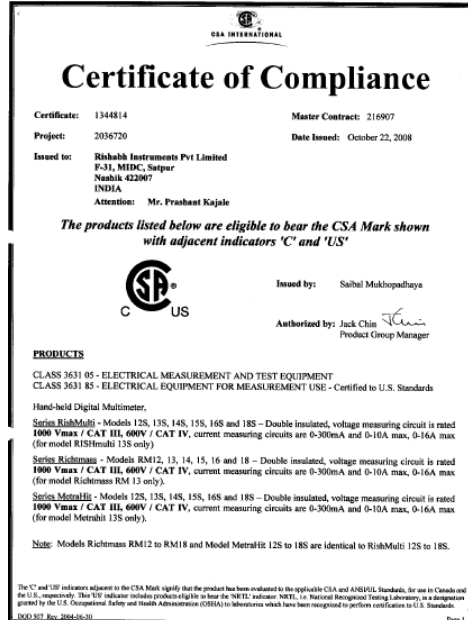
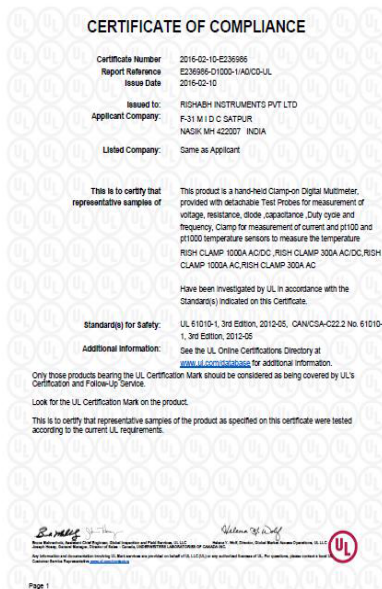
R & D Centers
Driving
Innovation



7

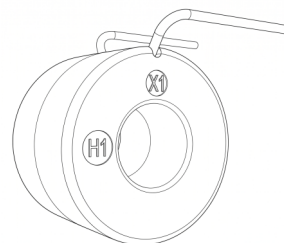
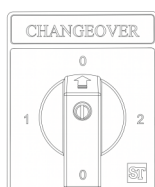
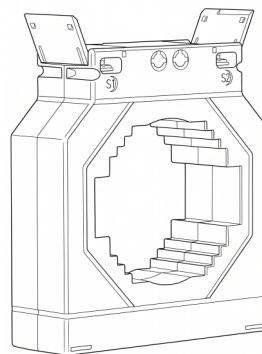
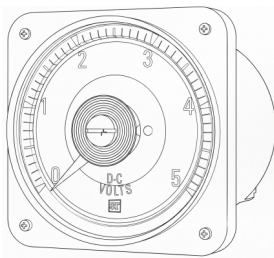
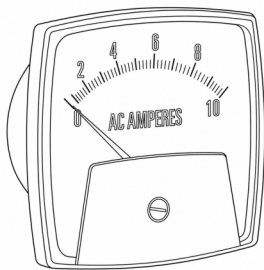
State Of the Art
Manufacturing
Facilities

CERTIFICATIONS



ELECTROMECHANICAL INSTRUMENTS

- ANALOG PANEL METERS
- CURRENT TRANSFORMERS
- SHUNTS & SWITCHES

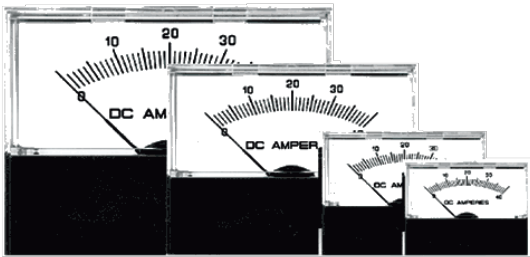
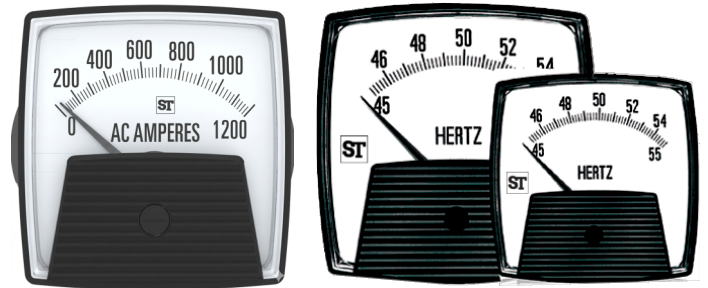


ELECTROMECHANICAL INSTRUMENTS

ANALOG PANEL METERS

SMART LOOK SERIES ANALOG PANEL METERS

- AC/DC Ammeter, AC/DC Voltmeter
Frequency Meter, Rectified AC
Ammeter/ Voltmeter
- Elapsed Time Meter
- TRMS Measurement
- Available In Sizes : 2½ And 3½ Inches
- Up to 50A AC direct Connected
- UL Approved



CONTENDER SERIES ANALOG PANEL METERS

- AC/DC Ammeter, AC/DC Voltmeter, Frequency
Meter, Rectified AC Ammeter/ Voltmeter
- TRMS Measurement
- Available In Sizes : 1½, 2½ , 3½ & 4½ Inches
- Up To 50A AC Direct Connected except Model 112
- UL Approved

VISTA SERIES ANALOG PANEL METERS

- AC /DC Ammeter, AC /DC Voltmeter
- Frequency Meter, Rectified AC meter
- TRMS Measurement
- Available In Sizes : 2½ , 3½ & 4½ Inches
- Up To 50A AC Direct Connected
- UL Approved

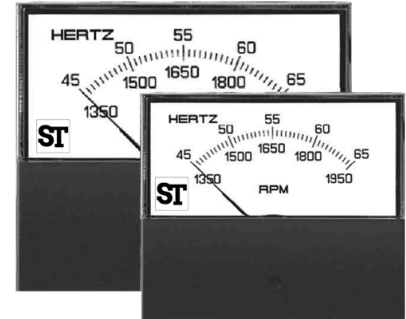


ELECTROMECHANICAL INSTRUMENTS

ANALOG PANEL METERS

ANUSH SERIES ANALOG PANEL METERS

- AC/DC Ammeter, AC/DC Voltmeter & Frequency Meter
- TRMS Measurement
- Available In Sizes : 1½ & 2½ Inches
- High Torque Pivot & Jewel Movement
- UL Approved



MCS SERIES ANALOG SWITCHBOARD METERS



- AC /DC Ammeter, AC /DC Voltmeter, Frequency, Power & Power factor Meter
- TRMS Measurement
- High Torque Taut Band & Pivot Jewel Movement
- Plastic & Metallic Casing
- UL Approved
- Withstand high level of shocks and vibrations

SIGMA SERIES ANALOG PANEL METERS

Various Range of Models :

- 90° short scale AC/DC/Rectified Ammeter/Voltmeter/Frequency/Power/Power Factor meter
- 240° long scale AC/DC /Rectified Ammeter/Voltmeter
- 240°Long Scale Frequency/Power/Power Factor Meter
- 2 in1 AC/DC Meters, Frequency meter
- Selector Switch Meter
- Elapsed Time meter
- Rotating LED Synchroscope



ELECTROMECHANICAL INSTRUMENTS

CURRENT TRANSFORMERS

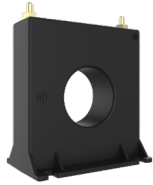
OMEGA 30 SERIES ANSI CURRENT TRANSFORMERS



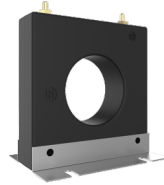
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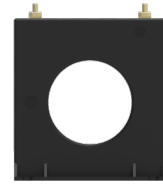
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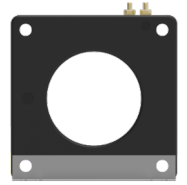
MODEL 5



MODEL 6



MODEL 7



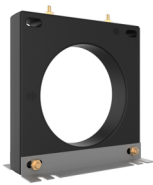
MODEL 8



MODEL 10



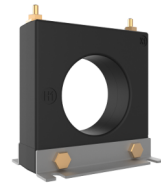
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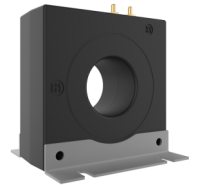
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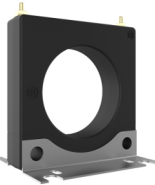
MODEL 21 to 25



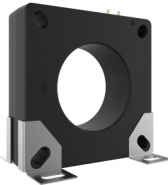
MODEL 56



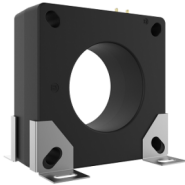
MODEL 64 to 66



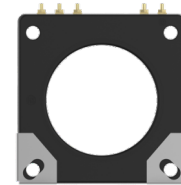
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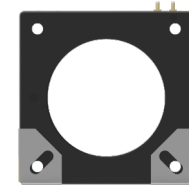
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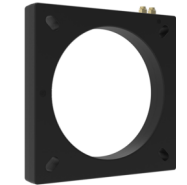
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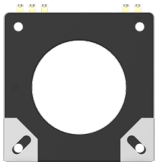
MODEL 112-115 & 117



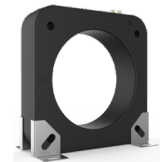
MODEL 120 & 125



MODEL 126



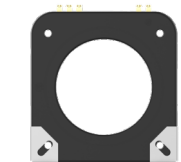
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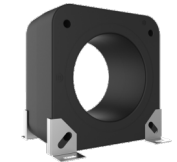
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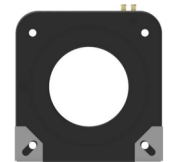
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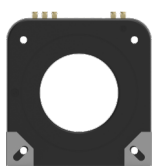
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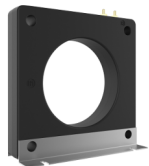
MODEL 143



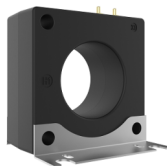
MODEL 144



MODEL 145



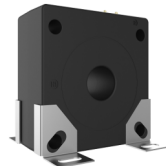
MODEL 170



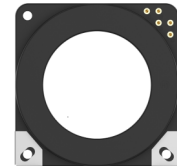
MODEL 180



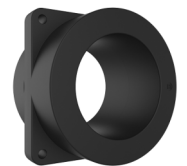
MODEL 189



MODEL 296
to 300



MODEL 780
to 781



MODEL 785
to 786

- Applicable standard : ANSI/IEEE C57.13
- Case : 10% glass filled polycarbonate
- Flame retardant grades classified UL 94V-0
- 40+ ANSI CT Models
- Multiple Ratios & Window Sizes
- Available in types - DRL, RL, RT, SFT, SHT, RBT, RBL & MR (Selected Models Only)

- Specially designed for North American Market
- UL & CSA Approved
- Insulation Level : 600 Volts, 10KV BIL full wave
- Non-standard cable length can be provided on request

ELECTROMECHANICAL INSTRUMENTS

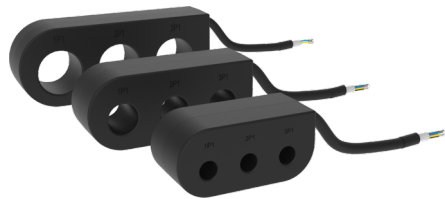
CURRENT TRANSFORMERS

OMEGA 10 SPLITCORE SERIES CURRENT TRANSFORMERS

- Available in Five Types with different window sizes
 - Omega 10A (1.30" x 0.91")
 - Omega 10B (3.15" x 1.97")
 - Omega 10C (4.72" x 3.15")
 - Omega 10D (6.30" x 3.15")
 - Omega 10E (2.16" x 1.69")
- UL & CSA Approved
- Industry best locking system
- Compact size at low primary current



OMEGA NANO 3 PHASE CURRENT TRANSFORMERS



- Measurement of AC current for frequency 50/60Hz
- High electric isolation between the primary conductor & output
- Easy & safe electrical connection
- Primary rated current 63A, 125A, & 250A AC
- High system voltage
- 1500 mm long Secondary Cable for 63A, 125A & 250A product

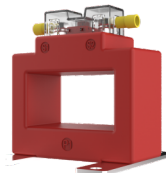
DIN SERIES CURRENT TRANSFORMERS



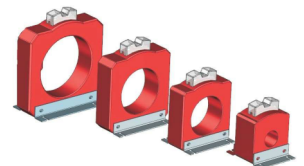
OMEGA SUMMATION
2 Variants : Sigma 75 &
Sigma 150



OMEGA 3PCT
Primary up to 800A
5 Sizes are available



OMEGA RP SERIES
Primary up to 7500A
Nine sizes are available



OMEGA LTRC
Resin Cast CTs Primary
Upto 5000A



OMEGA XMER
Protection Class CTs
with Primary upto
6000A



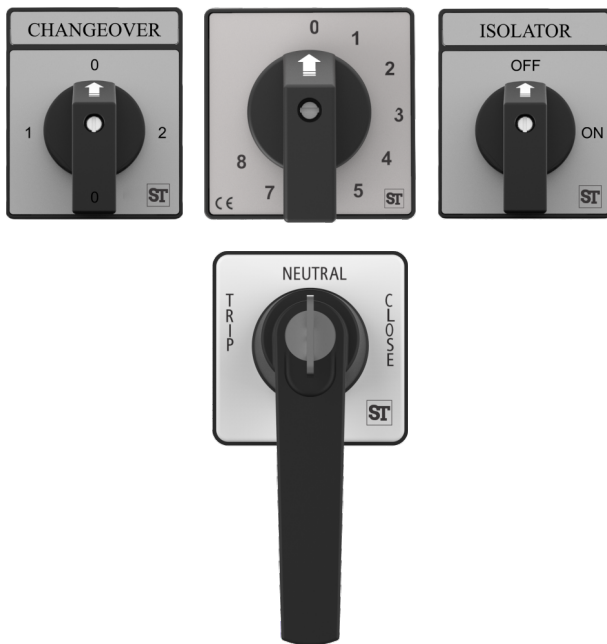
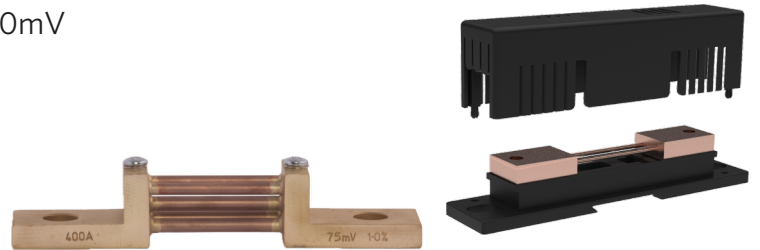
OMEGA XMER
Square DIN CTs with Primary up to 7500A
Thirty-one sizes are available

ELECTROMECHANICAL INSTRUMENTS

SHUNTS & SWITCHES

KAPPA SERIES SHUNTS

- Voltage drop : 50mV/ 60mV/ 75mV/ 100mV/ 150mV
- Accuracy Class 0.5
- Shunts Of 1...25 A Ranges (And on Request, B2 40...150 A) Are Fixed on Isolating Base
- The Isolating Base Is Adapted to Be Assembled on A 35 mm DIN Rail
- Measurement upto 15000 Amp
- UL approved upto 600 Amp



EPSILON SERIES CAM SWITCHES

Features

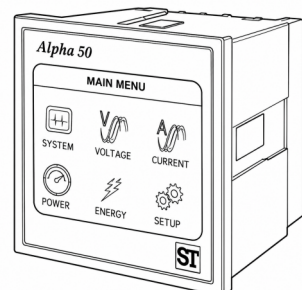
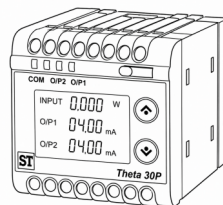
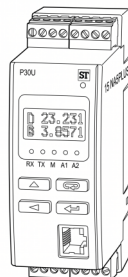
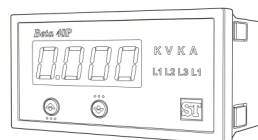
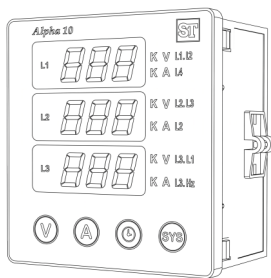
- Current Range upto 200 Amps
- Quick & Easy in Installation
- Multipole Design

Types of Switches

- Change over Switches
- ON-OFF Switches
- Multi-step Switches
- Volt-Ammeter Switches
- Forward-Reverse Switches
- Spring Return Switches
- Breaker Control Switches

POWER MONITORING & CONTROL

- MULTIFUNCTION METERS
- DIGITAL PANEL METERS
- TRANSDUCERS & ISOLATORS
- INDUSTRIAL POWER SUPPLIES
- SOFTWARE SOLUTIONS



POWER MONITORING & CONTROL

MULTIFUNCTION METERS

ALPHA SERIES MULTIFUNCTION METERS

BASIC ALPHA SERIES 10/20/30/50



ALPHA 10
Programmable
VAF Meter



ALPHA 20
Programmable
MFM with Energy



ALPHA 30
Programmable
with Energy, THD
& Pluggable O/Ps



ALPHA 50
Programmable
Touch screen MFM



ALPHA CM12/30/60
Compact VAF Direct
upto 30 & 60A

ALPHA ANSI METERS



ALPHA 20A PLUS
ANSI Housing
Programmable Meter



ALPHA 70A PLUS
ANSI Housing
Touchscreen Meter



ALPHA EMDC
4 Channel
DC Meter



ALPHA EMDC 6000
1 Channel DC Meter



ALPHA ML 1410
12 in 1Ph & 4 Loads
in 3Ph Meter

ALPHA DIN SERIES



ALPHA DIN AD11/AD21/AD43
Available in 1U/2U/4U size
in multiple variants



ALPHA DIN DC21
Single Channel DC
Meter with bidirectional
energy measurement



ALPHA AP1460/1480
Load Monitoring Meter
series with prepaid
trip & 3 Phase Health
load management

POWER MONITORING & CONTROL

MULTIFUNCTION METERS

POWER QUALITY MONITOR/ANALYZERS



ALPHA 70
Touchscreen Power
Quality Monitor



ND30 (IoT/BAC/PNET)
Advanced Power
Network Meter



ND45
Highly Advanced Touchscreen
Power Quality Analyzer



NR30 (IoT/BAC/PNET)
Advanced Power Network
Meter in DIN Mounting



NP45
Handheld Power
Quality Analyzer



ND31 SERIES
Advanced Power Network
Meter with universal Protocol

DIGITAL SYNCHROSCOPES



ST SYNC
Platinum Series with
Touch screen Graphic Display



NS5
Colour Graphic Display
with control input feature

- True-RMS Measurements
- Onsite Programmable-3Ph/3Wire/3Ph 4 Wire-CT/PT Secondary
- Click Fit Mounting For Easy Installation

- RPM Measurement Capability
- Run Hours, On Hours, No.Of Interruptions
- THD Measurement

POWER MONITORING & CONTROL

DIGITAL PANEL METERS

BETA SERIES DIGITAL PANEL METERS



BETA 10P/20P/30P/40P
4 Digit Fully Programmable
AC Ammeter/Voltmeter



BETA 50/60/70
4 1/2 Digit DC
Ammeter/Voltmeter



N20xPlus Series
AC/DC/Temperature
Programmable with RS485



N30x Series

N300 : Pulse, RPM, Frequency
N30U : Universal Input
N30H : High DC Voltage
N30P : Single Phase Power



N32x Series

N320 : Pulse, Frequency, RPM
N32U : Universal Input
N32H : High DC Range
N32P : Advanced Single Phase Power



N27D
DIN Rail Mounted
1Phase Power



N27P
DIN Rail Mounted
Programmable



NA5PLUS/NA6PLUS
Multicolour Multichannel
Bargraph Indicators

- Available in Different Size 48x96, 96x96, 144x48
- Changeable Unit Caption on Front Display
- Enclosure Protection or Dust and Water

- Multi Range Version
- Ultra Bright Red LED Display
- Onsite Decimal Point Selection

POWER MONITORING & CONTROL

TRANSDUCERS & ISOLATORS

THETA SERIES ELECTRICAL TRANSDUCERS



THETA 10 A/10V
Current & Voltage
Transducer without
Display



THETA 20A/20V
Current & Voltage
Transducer with Display



THETA HZ
Frequency Transducer
with Display



THETA 30P
Power Transducer
with Display

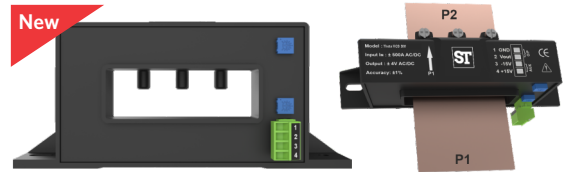


THETA M⁺
Programmable
Multi-Transducer



**P30X
Series**

P300 : Pulse, RPM, Frequency
P30U : Universal Input
P30H : High DC Voltage
P30P : Single Phase Power



THETA HCS
Galvanically Isolated
Hall-Effect Current Sensor

THETA SERIES ISOLATORS



Theta 50/60I
Signal Isolator



THETA 60M/60R
Amplifier, Transmitter &
Temperature Transmitter



THETA PI 102
Programmable Signal
Isolator with DIP Switch



P17/P17G
Passive Separator

- 1/3 Phase, 2/3/4 Wire Programmable Multi Transducers
- Measures and records current, voltage, power, energy and other A.C. circuit parameters
- Electrical Isolation Between All Transducer Connections
- Galvanic Isolation
- Output Short Circuit & Open Circuit Indicator in Theta 60M/60R
- Red LED Indication for Open or Short Circuit
- Universal (AC/DC) Power Supply

POWER MONITORING & CONTROL

INDUSTRIAL POWER SUPPLIES

UNO SERIES POWER SUPPLIES



E Power 15XXA
1Phase, 15/12/24V,
15W



E Power 30/45/60XXA
1Phase, 12 /24V,
36/45/60W



E Power 9024/17024 A/B
1/2Phase, 24V,
120/180W



Decoupling Module
MR220 1Phase, 10-60V, 25A
Redundancy Module



F Power 60XXA
1Phase, 5/12 /24V,
Upto 35/72W



F Power 90XXA
1Phase, 12/24V,
Upto 120W



F Power 150XXA
1Phase, 12/24/48V,
Upto 150W



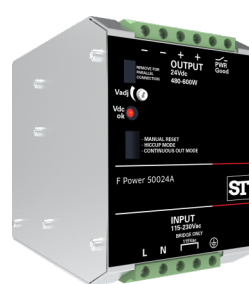
F Power 170XXA
1Phase, 12/24/48V,
Upto 180W



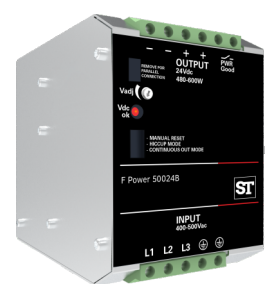
F Power 24024A
1Phase, 24V,
Up to 240W



F Power 280XXA/B
1/2Phase, 12 /24/48V,
Upto 345W



F Power 500XXA
1Phase, 24/48V,
Upto 600W

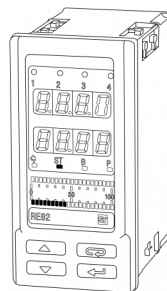
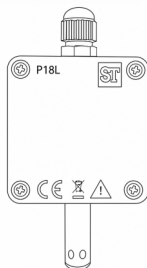
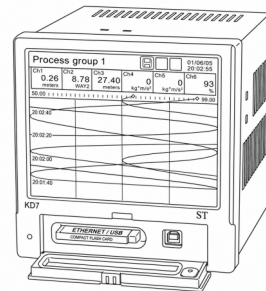
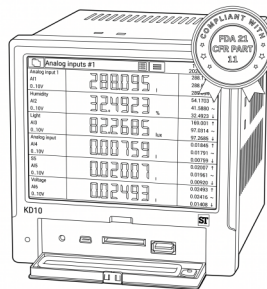
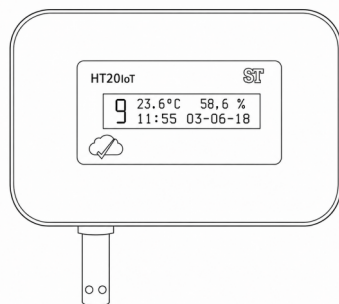


F Power 170/280/500 24B
2/3Phase, 24V,
Upto 600W

- Available in 2 types of Housings : Plastic & Metallic
- Available for different Voltage Ranges 5/12/24/48 Volts
- Current Ranges from 0.63A to 25A
- F Power-Protection Modes : Hiccup, Continuous and Manual
- E Power-Protection Modes : Hiccup Mode
- Features of Power Good Relay and Power Boost Mode
- UL Approved

INDUSTRIAL AUTOMATION DEVICES

- TEMPERATURE CONTROLLERS & RECORDERS
- ENVIRONMENTAL SENSORS & RELAYS



INDUSTRIAL AUTOMATION DEVICES

TEMPERATURE CONTROLLERS & RECORDERS

LAMBDA SERIES TEMPERATURE CONTROLLERS



RE71/72
Temperature Controller
with 1/2/3 Relay Output



RE81/82
Temperature Controller
with 4 Outputs



RE92
Dual Loop Digital
Temperature Controller
with 6 Outputs



RE62
DIN Temperature
controller with 3
outputs, OLED display

IOTA SERIES IO MODULES & RECORDERS



SMx Series
Inputs/Outputs
with Pulse option



S4AI
Programmable 4 Analog
Inputs with RS485 output



S4AO
RS485 MODBUS Input
with 4 Analog Outputs



KD6
Compact Paperless
Recorder upto 8
Channels



KD7
Paperless
Recorder upto 12
Channels



KD10
Advanced Paperless
Recorder upto 18
Channels



SM61IOT
Advanced Data Logger
with Cloud/Web/SCADA
interface provision

INDUSTRIAL AUTOMATION DEVICES

ENVIRONMENTAL SENSORS & RELAYS

IOTA SERIES CONVERTERS & ENVIRONMENTAL SENSORS



PD9/ PD9W
PD9 RS485 to Ethernet
PD9W RS485 to Wi-Fi
converter



HT20/ HT22IoT
Environmental Sensor
Parameters : °C, rH, Lx
CO₂, TVOC



P18/P18D
°C & rH
Sensor with
RS485



P19
Transducer for
aH, rH &
°C into RS485

OMICRON SERIES PROTECTIVE RELAYS

Analog Protective Relays



OMICRON ELPR
Earth Leakage
Protection Relay



OMICRON AR
Current
Protection Relay



OMICRON VR
Voltage
Protection Relay



OMICRON UVR
Digital Under
Voltage Protection Relay



OMICRON SPPR
Single Phasing
Preventer Relay

Digital Protective Relays



OMICRON V
Voltage Protection
Relay



OMICRON V/Hz
Voltage/Frequency
Protection Relay



OMICRON A
Current Protection
Relay

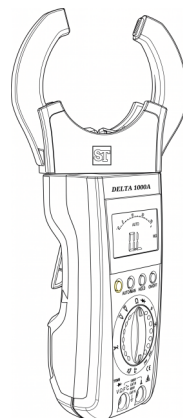
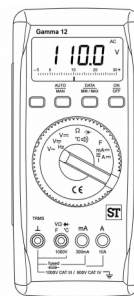
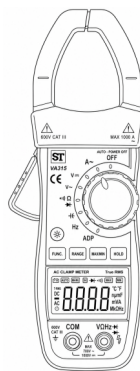
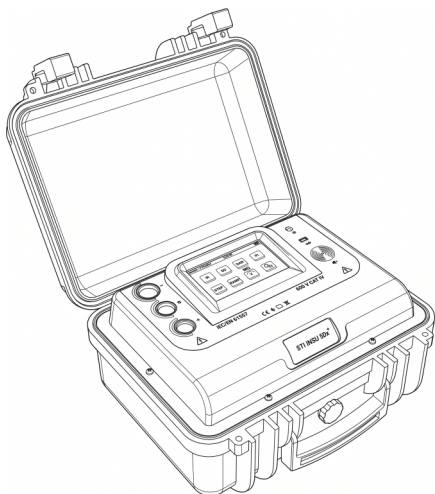


OMICRON ELR WITH CBCT
Earth Leakage Protection
Relay with CBCT



TEST & MEASUREMENT EQUIPMENT

- INDUSTRIAL MULTIMETERS
- CLAMP METERS & INSULATION TESTERS
- TEST EQUIPMENT



TEST & MEASUREMENT EQUIPMENT

INDUSTRIAL MULTIMETERS

GAMMA SERIES DIGITAL MULTIMETERS



GAMMA 12
3100 Counts,
Industrial Grade
Digital Multimeter



GAMMA 36
6000 Counts,
General Purpose
Digital Multimeter

6K SERIES MULTIMETERS



GAMMA 40
6600 Counts, Dual
Display, High Current
660mA DMM



GAMMA 50
6600 Counts, Dual
Display, High Current
16A DMM



GAMMA 60
6600 Counts, Dual
Display, Min-Max
Peak Hold function
DMM



GAMMA 70
TRMS, 6600 Counts,
Dual Display, Min-
Max Peak Hold
function DMM

60K TRMS SERIES MULTIMETERS



GAMMA 6040
60K Counts
Dual Display



GAMMA 6050
60K Counts
Dual Display for
high current
measurement



GAMMA 6060
60K Counts
Dual Display,
with LPF & Data
Logging upto
32K readings



GAMMA 6070
60K Counts
Dual Display
with LPF 100kHz
bandwidth & Data
Logging upto
32K readings



**GAMMA 6040/6050/
6060/6070 BT**
60K Series with Bluetooth
connectivity



TEST & MEASUREMENT EQUIPMENT

CLAMP METERS & INSULATION TESTERS

DELTA SERIES DIGITAL CLAMPMETER



DELTA 300A
3100 Counts TRMS
Digital Clamp Meter



DELTA 1000A
3100 Counts TRMS
Digital Clamp Meter



DELTA POWER 1000/400A
9999 Counts TRMS AC/DC Power
Clamp Meter with functions like
kW, kVA, Harmonics



DELTA SOLAR
3100 Counts 1500V DC
& 1500A AC/DC
measurement

ZETA SERIES INSULATION TESTERS



ZETA 10
1kV Digital Insulation
IR up to 1 GΩ



ZETA 20
1kV Digital Insulation
IR up to 1 GΩ



ZETA 50
5kV Analog Insulation Tester,
IR upto 2TΩ



INSU 5DX/10DX
5kV/10kV Digital Insulation Tester
IR up to 10/20TΩ with Audio
Readout & Diagnostic Modes

TEST & MEASUREMENT EQUIPMENT

TEST EQUIPMENT

TEST EQUIPMENT SERIES DCM/DMM



VA19/VA40
5 in 1 Digital Multimeter
Auto-Range DMM



VA315/VA311B
Auto-Range
1000Amps
Clamp Meter



VA520B
Electrical
LCR Meter



VA588
High Accuracy DMM
& Insulation Tester

ENVIRONMENTAL SERIES



VA8020
Environmental
Anemometer



VA 6530A
Infrared
Thermometer
Probe



VA 8040
Environmental
Moisture Meter



VA8050
Environmental
Light Intensity
Meter



VA8041
Thickness
Gauge
Meter



VA8060
Dual Ways
Thermocouple
Meter

PROCESS CALIBRATORS



VA720
RTD
Calibrator



VA710
Thermocouple
Calibrator



VA702
Economical
Calibrator



VA700
Volt/mA
Calibrator



VA6815/6816
Voltage Testers



VA6502/6502E
Extended Temperature
Probe

SOFTWARE SOLUTIONS

PROMOTIC SCADA PLATFORM

PROMOTIC is a modern SCADA program for building both small and very large automation systems. It enables the visualization, analysis and archiving of industrial processes.

PROGRAM BASIC FEATURES

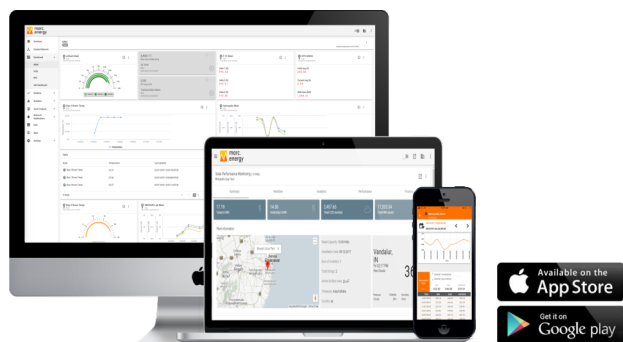
- An extensive library of communication protocols allows to communicate with the devices of the best-known automation manufacturers
- Support of the most popular databases - (dBase, MS SQL Server, MySQL, Oracle and others)
- Web server with full functionality for PCs and mobile devices
- Extensive library of static and dynamic graphic components
- Possibility to design large systems
- Sending alarm e-mails and text messages
- Creating logic and additional functionalities in JavaScript
- Open program with and expansion possibilities



EXAMPLES OF APPLICATION AREAS

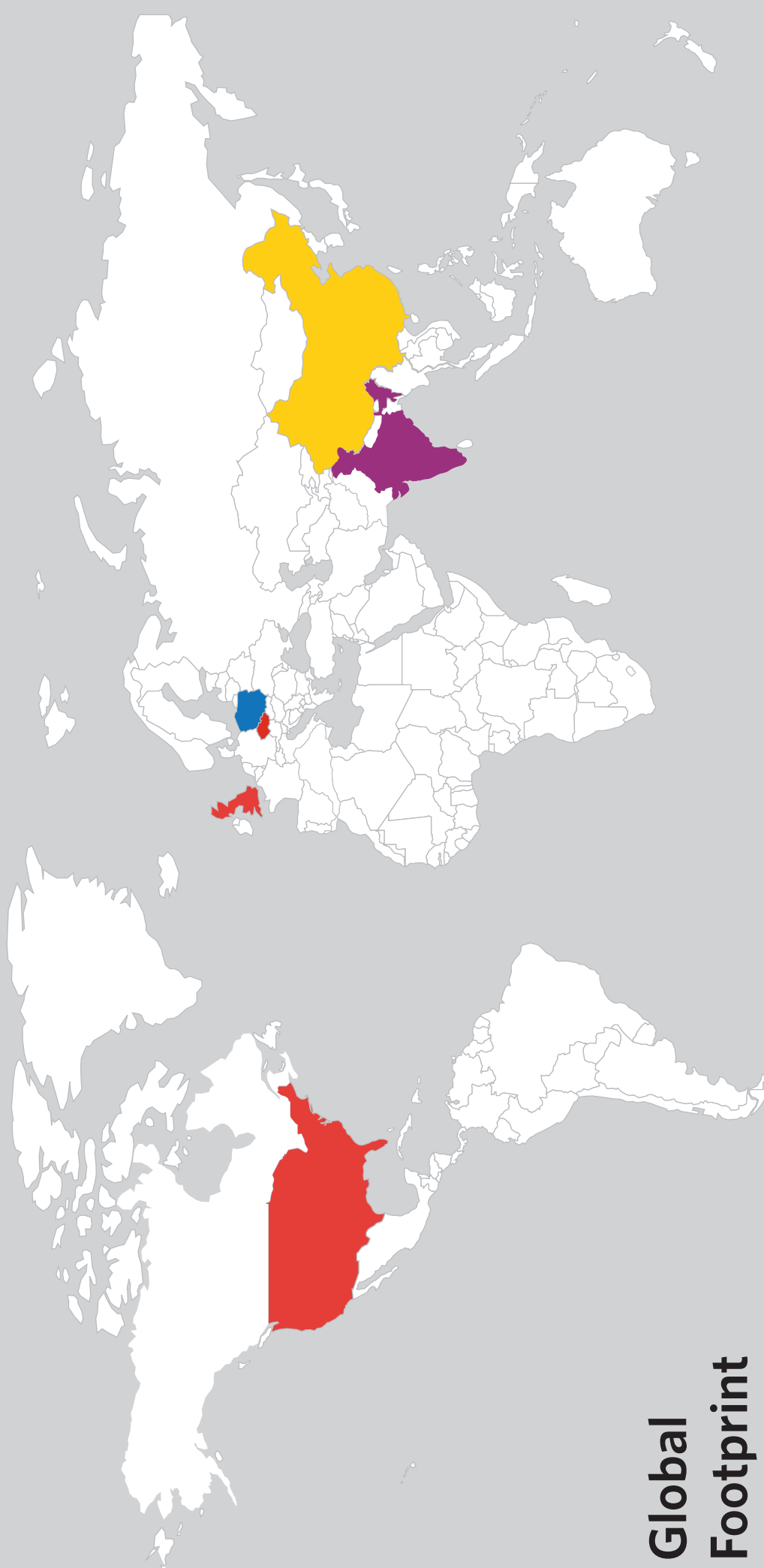
- Measurement and regulation of energy consumption and other utilities (electricity, heat, gas, water),
- Processes related to food processing (breweries, dairies, sugar factories, mills)
- Ecology (emission monitoring, wastewater treatment plants, dust removal)
- Telemetry and control systems (water treatment plants, gas plants, mines, heat distribution networks)
- Heat management (heat exchange stations, boiler rooms)
- Other applications matching customer needs.

MARC - CLOUD BASED DATA MONITORING SOFTWARE



Examples of application areas :

- AWS Cloud Data Storage
- M2M SIM based Data Transfer
- Secure & Scalable
- Actionable Analytics



Global Footprint



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