



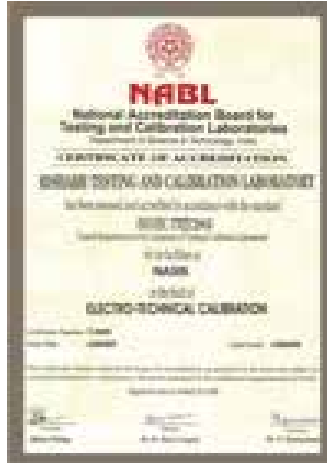
# PRODUCT CATALOG

Powered By Technology,  
Driven By Service.

# STI OFFICE & TRAINING CENTER



## CERTIFICATIONS



# ALPHA SERIES - MULTIFUNCTION METERS



**ALPHA 10**  
Programmable  
VAF Meter



**ALPHA 20**  
Programmable MFM  
With Energy



**ALPHA 30**  
MFM With Energy,  
THD & Pluggable  
O/ps



**ALPHA 40/40D**  
Energy Meter



**ALPHA 45**  
Digital Counter Type  
Energy Meter



**ALPHA 50**  
Touch Screen MFM



**ALPHA 70**  
Power Quality  
Monitor



**ND20**  
Advanced MFM  
With Ip65 Front



**N43**  
DIN Rail  
Mountable MFM



**NP40**  
Portable Power  
Quality Analyzer



**ND40**  
Power Quality  
Analyzer With  
Ethernet And  
Recording



**ND30**  
MFM With  
Ethernet And  
Recording



**ALPHA EMDC**  
Compact DC  
Energy Meter



**ALPHA 40A+**  
ANSI Programmable  
Energy Meter



**ALPHA 20A+**  
ANSI Programmable  
MFM With  
Energy



**ALPHA 30A+**  
ANSI Programmable  
MFM With  
Energy & THD



**ALPHA 70A+**  
ANSI Touch Screen  
Power Quality  
Monitor



**ALPHA 30 WD**  
Alpha 30  
Without Display

- THD Measurement
- True-RMS Measurements
- Onsite Programmable - 3ph 3 Wire / 3ph 4 Wire - Ct/pt Secondary

- RS-485 / Ethernet Connectivity
- Auto Scrolling
- Click Fit Mounting For Easy Installation

- RPM Measurement Capability
- Phase Reversal Indicator
- Run Hours, On Hours, No. Of Interruptions

Approvals :    

# BETA SERIES - DIGITAL PANEL METERS



**BETA 10P, 20P,  
30P, 40P**

Programmable AC  
Ammeter/voltmeter



**BETA 50**

4½ Digit DC  
Ammeter/  
Volt Meter



**BETA HZ**

4½ Digit Frequency  
DPM



**BETA G2**

4½ Digit AC/  
DC LCD DPM



**N30P**

1-phase Power  
Network Meter



**N300**

Digital Pulse/  
Freq/Rotational Meter



**N30H**

5 Digit DC  
Programmable Dpm



**N30U**

Programmable Digital  
Meter Of Temperature,  
Resistance And  
Electrical Parameters



**BETA G1**

3½ Digit AC/  
DC LCD DPM



**BETA 90A, 90B**

3½ Digit DC  
Ammeter/Voltmeter  
(24x48 MM)



**BETA 90**

3½ Digit DC  
Ammeter/Voltmeter  
(24x96 MM)



**BETA 90T**

3½ Digit  
Temperature DPM



**N27D**

DIN Rail Mounted  
1-phase Power  
Network Meter



**N27P**

DIN Rail Mounted 1-phase  
Power Network Meter With  
Graphical OLED Display



**NA3**

Programmable  
Multicolor  
Bargraph Meter



**NA5**

Programmable  
Multicolor  
Bargraph Meter



**NA6**

Programmable  
Multicolor  
Bargraph Meter

- Changeable Unit Caption On Front Display
- On-site Decimal Point Selection
- Enclosure Protection For Dust And Water
- True-RMS Measurement
- Ultra Bright Red Led Display
- Multi Range Version
- Scaling Adjustment Over Wide Range
- On Site Programmable PT/ CT Ratios



## THETA SERIES - TRANSDUCERS



**THETA 10A,10V**

Dual Output  
Current/Voltage  
Transducers



**THETA 20A,20V**

Programmable Current/  
Voltage Transducer  
With Display



**THETA 30P**

Programmable  
Power Transducer  
With Display



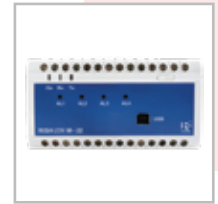
**THETA 40**

Programmable  
Multifunction  
Transducer



**P43**

Programmable  
Transducer Of  
3-phase Power  
Network Parameter



**THETA M**

Multi Transducer



**P30P**

Programmable  
Power  
Transducer  
With Display



**P300**

Programmable  
Frequency  
Transducer With  
Data Record And  
Ethernet



**P30U**

Universal Transducer  
Of Temperature  
And Standard Signals  
With Data Record  
And Ethernet



**P30H**

Transducer Of  
D.C. Circuit  
Parameters With  
Data Record  
And Ethernet



**P18D**

Temperature And  
Humidity Sensor  
And Converter  
With LCD Display



**THETA HZ**

Frequency  
Transducer With  
Display

## THETA SERIES - ISOLATOR



**THETA 50**

Signal Isolator



**THETA 60I**

Isolating Amplifier



**THETA 60M**

Universal  
Transmitter



**THETA 60R**

Temperature  
Transmitter



**THETA PI 102**

Programmable  
Signal Isolator



**P20**

Transducer Of  
Temperature And  
Standard Signals



**P17G**

Passive Separator

- 1/3 Phase, 2/3/4 Wire Programmable Multi Transducers
- Meets International Standard IEC688 For Accuracy
- Insulation Level Of 3.7 KV/4 KV
- Electrical Isolation Between All Transducer Connections
- Option Bent Transformation Characteristics
- Output Short Circuit & Open Circuit Indicator
- Insulation Level For Theta 40 Is 5.6 KV
- PC Simulation
- Red LED Indication For Open Or Short Circuit
- Universal (AC/DC) Power Supply

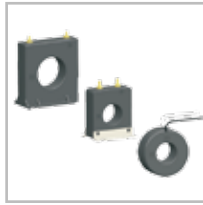
Approvals :    

## OMEGA SERIES - CURRENT TRANSFORMERS



### OMEGA 10

Split Core CTs



### OMEGA 30

Ansi Series CTs



### OMEGA 3PCT

Phase Current Transformers



### OMEGA XMER

Square DIN CTs



### OMEGA XMER

Protection Class DIN CTs



### OMEGA XMER

Wound Primary DIN CTs



### OMEGA SUMMATION CTs

Sigma Series



### OMEGA LTRC

Resin Cast CTs



### OMEGA 10LV, 10 LVH

Low Voltage Split Core CTs

- Compliant With IEC60044-1. BS7626
- Flame Retardant Grade Enclosure (UI94V-0)
- System Voltage 720V Max
- Test Voltage 3 kV 50 Hz 1min.
- Cost Effective Polycarbonate Case Current Transformer
- Wide Range Of Sizes Available For Different Bus Bar Sizes
- Wire Sealable Terminal Covers
- Applicable Standard : ANSI/IEEE C57.13
- Insulation Level: 600 Volts, 10kV BIL Full Wave
- All The SHT & SFT Models Also Available As SHL & SFL With Leads
- For All The SHT Types Mounting Bracket Kit When Required

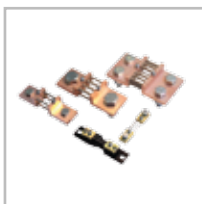
## EPSILON SERIES - ROTARY CAM SWITCHES



### EPSILON

- Isolator Switches
- Instrumentation Switches
- Change Over Switches
- Multistage Switches
- Compact And Reliable
- Multi Pole
- Easy Installation
- IP 20 Protection

## KAPPA SERIES - SHUNTS



### SHUNTS

- Extension Of DC Current Measuring Ranges Of Moving-coil Ammeters
- 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
- On Request, Additional Chemical Coating Are Available: Lackering, Silver Or Nickel Plating



## OMICRON SERIES - PROTECTOR RELAYS



**OMICRON A**  
Digital Current  
Protection Relay



**OMICRON V**  
Digital V/F  
Protection Relay



**OMICRON VHZ**  
Digital Line  
Monitoring Relay



**OMICRON ELR**  
Digital Earth  
Leakage Relay

- True Rms Measurement
- Trip Relay Cum DPM With Class 0.5
- 4 Digit 7 Segment Led Display
- Configuration Via Usb-based Prkab
- Dual Color Led For Fault Indication
- Detection Of Fault With Display Of Parameter Value
- 4 Different Parameters On Site Selection
- Stores Last 15 Faults

## LAMBDA SERIES - TEMPERATURE CONTROLLERS



**RE72**  
Temperature  
Controller



**RE92**  
Dual Loop Controller  
For Industrial Use



**RE57**  
Compact  
Temperature  
Controller



**RE62**  
Universal  
Controller

- Smart Pid Functions & Algorithms
- Soft Start Function
- Inbuilt RTC
- Easy Programming Through Front Keypad Or Software For Programming Of The Devices
- User Friendly Interface And User Access Menu
- Profile Definition Programming For Sophisticated Systems

## IOTA SERIES - CONVERTERS & RECORDERS



**KD7**  
Touch Screen  
Paperless Recorder



**SM61**  
Data Logger  
With WWW Server



**N30B**  
Digital Panel  
Recorder



**PD8**  
Converter Of  
RS 485/ethernet  
Interfaces



**PD8W**  
Converter Of RS 485/  
Ethernet Interfaces

- Available With 24 Channels
- High Sampling Rate
- User Settable Recording Interval Time
- Data Acceptance Over Modbus Master & Slave Concept
- Simple Module Functioning
- User Access Writes With Password Protection

## GAMMA SERIES - DIGITAL MULTIMETERS



**GAMMA 10**  
31000 Counts, Advanced  
Purpose Digital Multimeter



**GAMMA 12**  
3100 Counts, Industrial  
Grade Digital Multimeter



**GAMMA 20**  
310000 Counts High Accuracy  
& Precision Digital Multimeter



**GAMMA 30**  
Si-232 Data Logging Adaptor  
(For Storage And Transfer Of Data)

Approvals :    



### GAMMA 40

6600 Counts, Dual Display DMM, Higher Current Measurement Of 660A



### GAMMA 50

6600 Counts, Dual Display DMM, Current Measurement Upto 16A



### GAMMA 60

6600 Counts, Dual Display DMM, MIN/MAX & Peak Hold Function



### GAMMA 70

TRMS, 6600 Counts, Dual Display DMM, MIN/MAX & Peak Hold Function

- Upto 300,000 Digits And Triple Display
- Automatic Terminal Blocking System (Abs)

- TRMS Measurement
- Min Max Value Storage
- Protective Holster For Rough Duty
- Continuity Test

- Power Economizing Circuit & Optional Backlit Display
- Peak Hold
- Min/max Function

## DELTA SERIES - CLAMP METERS



### DELTA 1000

TRMS 3100 Counts Digital Clamp Meter With VFD Measurement



### DELTA 300

3100 Counts TRMS Digital Clamp Meter With VFD Measurement



### DELTA CLIP A

Clamp-on CT For AC Current Measurement 1000/5A



### DELTA CLIP B

Clamp-on CT For AC Current Measurement 1000/1A



### DELTA POWER 1000A , 400A AC-DC

9999 Counts Idealpower Clamp Meter (Power Measurement)

- Large Jaw Opening Of 55 Mm With 180 Rotation To Avoid Difficult Measuring Positions
- High Accuracy For Low Current Measurement

- Users Selectable Backlit (Optional)
- Narrow Housing For Firm Grip And Easy To Carry

- Null Zero Correction For Low Current Measurement
- Analog Scale And Auto Power Off

## ZETA SERIES - INSULATION TESTERS



### ZETA 20

1kV Digital Insulation & Continuity Tester, Insulation Resistance 2 GΩ



### ZETA 30

Multimeter Cum Digital Insulation Tester, Insulation Resistance 3 GΩ



### ZETA 50, 50K

5kV High Voltage Insulation Tester, Insulation Resistance 1TΩ





• **Zeta 20 & 30:**

Voltage Measurement To 25 V To 600 V  
Hands Free Continuity Testing  
Storage Memory For Last 50 Readings  
Stop Watch Function & Blow Fuse Indication

• **Zeta 50 & 50k:**

Test Voltages To Upto 5000 V  
Discharge Of Capacitive Devices Under Test  
Voltage Measurement Upto 2000 V

## SIGMA SERIES - ANALOG PANEL METERS



**DE METER**

Moving Iron Meter  
AC Ammeters  
And Voltmeters 90 Deg



**DS METER**

Moving Coil Meters  
DC Ammeters  
And Voltmeters 90 Deg



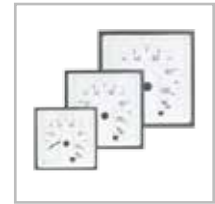
**DG METER**

Moving Coil Meters  
AC Ammeters  
And Voltmeters With  
Rectifiers 90 Deg



**DSL METER**

Moving Coil Meter  
DC Ammeters And  
Voltmeters 240 Deg



**DGL METER**

Moving Coil Meter  
AC Ammeters And  
Voltmeters With  
Rectifier 240 Deg



**FML METER**

Frequency Meters  
240 Deg



**LFL METER**

Power Factor  
Meters 240 Deg



**LML METER**

Power Meter  
240 Deg



**EQC METER**

DIN AC  
Ammeter/voltmeter  
With Relay Output



**PQC METER**

DC Ammeter/Voltmeter  
With Relay Output



**FQ METER**

Vibrating Reed  
Frequency Meter



**LM METER**

Power Meter  
90 Deg



**FM METER**

Frequency Meter  
90 Deg



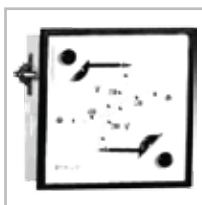
**LF METER**

Power Factor  
Meters 90 Deg



**ELAPSED TIME  
METER**

Hour Run Meter



**DE 2 IN 1 METER**

Dual Moving Iron  
AC Meters



**DS 2 IN 1 METER**

Dual Moving Iron  
DC Meters



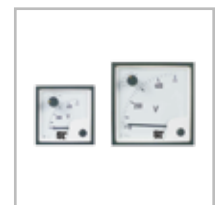
**EB-BM METER**

Maximum  
Demand Ammeters



**DE,DS,FM-35 METER**

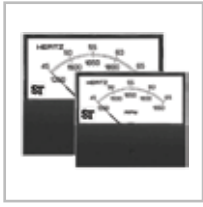
DIN Rail Meters



**SELECTOR SWITCH  
METER**

Approvals :    

## ANUSH SERIES - ANALOG PANEL METERS



**ANUSH**

- Available In Sizes: 1½ And 2½ Inches
- High Torque Pivot And Jewel Movement
- True RMS Measurement Meters For AC And DC Inputs
- Up To 40A DC Direct Connected
- Up To 50A AC Direct Connected

## VISTA SERIES - ANALOG PANEL METERS



**VISTA**

- Available In Sizes: 2½, 3½ And 4½ Inches
- High Torque Pivot And Jewel Movement
- True RMS Measurement Meters For AC And DC Inputs
- Up To 50A DC Direct Connected
- Up To 50A AC Direct Connected

## CONTENDER SERIES - ANALOG PANEL METERS



**CONTENDER**

- Available In Sizes: 1½, 2½, 3½ And 4½ Inches
- Rear Zero Adjuster On Moving Coil Meters
- True RMS Measurement Meters
- AC And DC Inputs
- Up To 40A DC Direct Connected
- Up To 50A AC Direct Connected (Not Applicable For Model 112)

## SMART LOOK SERIES - ANALOG PANEL METERS



**SMART LOOK**

- Available In Sizes: 2½ And 3½ Inches
- Two Case Sizes Available: 2 , 3 Inches
- Withstands High Levels Of Shock, Vibration, Dirt And Humidity
- UI Approved



Approvals :





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