



RISHABH



Flex 6005A (1 Phase) Flex 6012A (1 Phase) Flex 17012A (1 Phase) Flex 28012A (1 Phase) Flex 6024A (1 Phase) Flex 9024A (1 Phase) Flex 17024A (1 Phase) Flex 28024A (1 Phase) Flex 50024A (1 Phase)



Flex 17048A (1 Phase) Flex 28048A (1 Phase) Flex 50048A (1 Phase) Flex 9024B (2 Phase) Flex 17024B (2 Phase) Flex 28024B (2 Phase) Flex 50024B (3 Phase) PST2430B (3 Phase) PST2440B

- Competitive price and performance ratio
- 3 Protective functions: (a) Hiccup mode (b) Fold back (c) Restart after main
- Declared ambient temperature operation field i.e. 40, 50 & 60
- Only one product for 230-400-500V AC
- Standards: EN 60204-1, EN 60529 (IP 20 protection)
- Din Rail mounting.
- Small size.
- out put voltage: 5, 12, 24, 48V DC.
- Protection: Short circuit/over voltage /overload
- Power o/p: (a) Phase 1: 40W to 60W for 24V DC (b) Phase 2: 24W to 300W for 24V DC (c) Phase 3: 24W to 600W for 24V DC
- Efficiency: - 50% of rated current



RISH EINS



R Series DPM



N30 N25
Digital Meters (5 Digits)



4 digit Power Factor DPM (Size - 96x96)



3 1/2 digit Temperature DPM



NA3 / NA5 / NA6 Na22
Digital Bargraph Meters



4.5 digital DC Ammeter, Volt Meter (Size - 48x96, 96x96)



4 1/2 digit, 1" display DC Ammeter / Volt Meter (72x144)



3.5 digit Frequency DPM (Size - 48x96, 96x96)



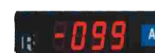
4 digit Power DPM (Size - 96x96)



3 1/2 digit AC Ammeter / Volt Meter (48x96 / 96x96)



3.5 digital 0...20A direct AC, DC Ammeter (Size - 48x96)



3 1/2 digit DC Ammeter / Volt Meter (24x96)



4 digit fully programmable AC Ammeter, Volt Meter (Size - 48x96, 96x96)

- Available type: AC, DC, Current and Voltage, frequency, temperature
- 1ph, 3ph programmable DPM
- Universal aux. supply
- Enclosure protection for dust & water
- EMC compatibility
- TRMS Measurement
- 4 digit ultra bright LED display



- 5 in 1 device (analyzer + transducer + recorder + controller + web server)
- Measures power quality parameters according to EN50160
- Configuration of time and event archives.
- Harmonics measurement up to 51st
- Measure current is Neutral line
- Tetra quadrant energy measurement
- LCD Touch screen user interface



ND-1



KD 8



KD 7

Screen Recorders



- Universal programmable input & output
- Mathematical functions
- Data archiving on compact flash card – 4GB
- Remoting accessible through web server & modbus
- Various form of graphical representation
- Logic channel for connecting input & output
- 21- point individual characteristics
- LCD Touch screen user interface



N30B
Digital Panel Recorder



Master 3480



Delta VAF 3L



Delta VAF 1L



Delta Power



Delta Energy



Master 3410



Master 3420



Master 3425



Master 3428



Master 3430



Master 3440



N10 / N10A



ND 20



Ingebra 2000



Master 3490



Master 3490SS



Master 3490DS



Accessory- RS485 to 232
Converter



Accessory- RS485 - USB
Converter

- Wide Input (100-500 V LL programmable)
- Universal aux supply (40-300V AC DC Aux.)
- Click fit arrangement

- Measure more than 61 parameters including V,I,Hz,kW,kVAR,THD ect
- Four function keys enable instant access to the desired parameter screen
- Optional outputs: analog, pulse and RS 485
- RISH EMS – Energy Management System





RE55



RE19



SR11



RE60



RE81/RE82



RE72 RE71 RE22

- Auto tuning function
- Smart control in difficult situation
- Soft start function
- Bump less transfer between manual and auto mode
- Password protection

- Basic series - RE22, RE55, RE60, RE71, RE81
- Advance series - RE19, RE72, RE82
- Injection moulding - SR11



PD8



PD10



PD12

Converters

Radio Modules

- Communication 300mt (SM7) & 1.5kmt (MR03).
- Point-2-point & point-2-multipoint mode.
- Up to 3 channels in SM7 & 10 channels in Mr03.

Converters

- Easy installation of drivers.
- Compact size.

I/O modules

- Converts analog signal, Digital & pulse input to modbus communication.
- Available in various modes with respect input & output.



SM1



SM2



SM3



SM5



SM4



PD22
Data Logger



MR03



SM7

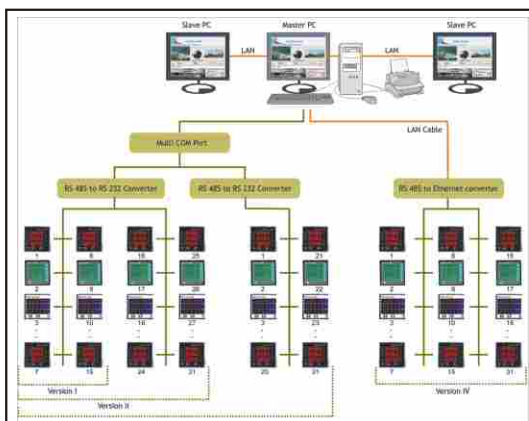
Input Modules

Output Module

Radio Modules



- Plug & play enterprise level SCADA product.
- Multi user login, password protection for data acquisition.
- Online mounting for all the feeders.
- Auto mailing facility of generated reports.
- Reports in different formats i.e. PDF, EXCEL, WORD, TEXT etc.
- Customised screens and reports.





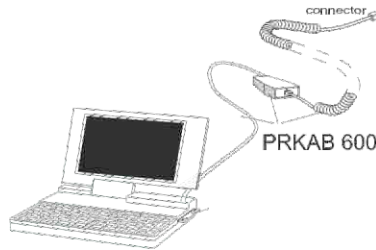
SI 101



P17 / P17G Separators



P20H Programmable DC V/I Transducer



Programming Cable PRKAB 600

- Measuring ranges configurable with DIP switch and potentiometer
- Red LED's indicator: an open or short - circuit
- Universal (AC/DC) power supply



Programmable Universal Transmitter RISH Ducer V604 - II



Programmable Tap position transducer RISH Ducer TP-25K



Passive DC Signal Isolator RISH Ducer TI816



Passive DC Signal Isolator RISH Ducer TI807



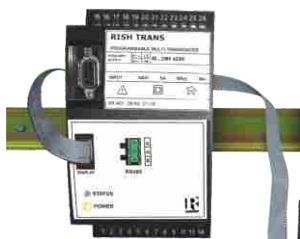
Isolating Amplifier RISH Ducer TV 808



Configurable Transmitter RISH Ducer PT602

- Type: Current and Voltage Transducers with single, multiple input-output
- 1/3ph, 2/3/4 wire, programmable multi transducers
- Meets requirements of international standard IEC688 for accuracy

- Insulation level of 3.7kV/4kV
- Electrical Isolation between all transducer connections
- Option of bent transformation characteristics
- Output short circuit & open circuit proof
- PC simulation



Multifunction Transducer with Modbus and Analog output Rish Trans



P120 Impulse, Revolution, Frequency, Transducer



P18 °C & RH Transducer



SMC Programmable Logic Control

- Programmable according to IEC61131-3
- Communicates with I/O modules via RS485 & modbus protocol.



Phase Angle Difference Transducer RISH Ducer C12



Multifunction Transducer M20/M24 / M40 / M30/M42/M01/M00



Power Transducer RISH Con P



Current / Voltage Transducer RISH Con I/Rish Con V



Frequency Transducer RISH Con Hz



Current / Voltage Transducer RISH Ducer E13 (Three Channel)



Current / Voltage Transducer RISH Ducer E15



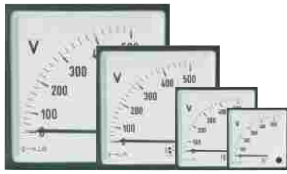
Self Powered Average Transducer RISH Ducer lxx / Vxx



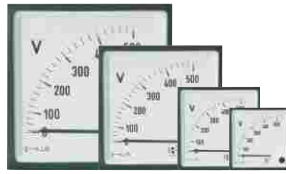
Frequency Transducer F11/F12



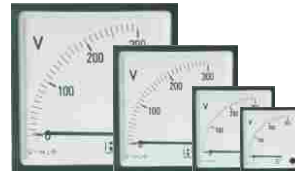
Active or Reactive Transducer RISH Ducer P11



Moving Iron meter AC ammeters and voltmeters 90deg (EQ)



Moving Coil meter DC ammeters and voltmeters 90deg (PQ)



Moving Coil meter AC ammeters and voltmeters with rectifier 90deg (VQ)



Frequency meter 90deg (ZQ)



Power Factor meter 90deg (CQ)



Power meter 90deg (WQ)



Moving Coil meter DC ammeters and voltmeters 240deg (PL)



Moving Coil meter AC ammeters and voltmeters with rectifier 240deg (VL)



Frequency meter 240deg (ZL)



Power Factor meter 240deg (CL)



Power meter 240deg (WL)



Maximum Demand Ammeters (BIQ & BIEQ)



Dual Moving Iron AC meters (EQ 2 in 1)



Dual Moving Iron DC meters (PQ 2 in 1)



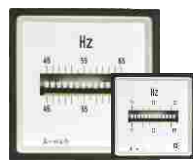
Dual Frequency meters (ZQ 2 in 1)



Moving iron selector switch meter



DIN rail Moving Iron meter (EQ,PQ,VQ,ZQ 35)



Vibrating Reed frequency meter (FQ)



Synchroscope (SQ)



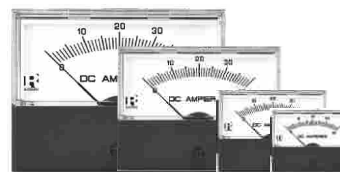
Digital Movement Meter - DIGIMOV Basic



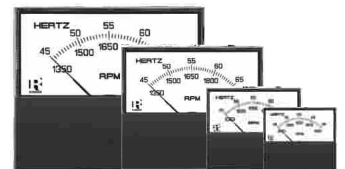
Moving Coil meter with relay contacts (PQC)



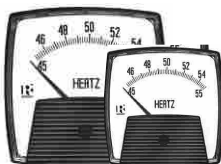
Moving Iron meter with relay contacts (EQC)



Challenger series metes



Anush series meters



Saxon series meters



RISH Vista Series

- Glass filled polycarbonate housing (UL 94 V-0)
- Easy and quick Interchangeable scale
- Unique mounting system with easy replacement of glass and bezel
- Knife edge pointer
- Available Sizes: 48, 72, 96, 144 Sqm



- Applicable Standard: IEC / EN 60044-1, BS 3938, IS 2705-1
- Type: Wound Primary, Busbar Type, Tape Wound, Protection Type, Split Core.
- Accuracy Class: 0.2, 0.2S for laboratory and power measurement.
0.5, 0.5S for accurate measuring, kWh
1 for general measurement
3 for Indicating Instruments
- System Voltage: 720V maximum
- Rated Primary Rating: 1A to 7500A
- Rated secondary output: 5A standard (1A on request)
- Cost effective molded case current transformer.
- Various mounting options.
- Wire sealable terminal covers.
- Glass filled polycarbonate housing (UL 94 V-0)
- Supplied with accredited test certificates

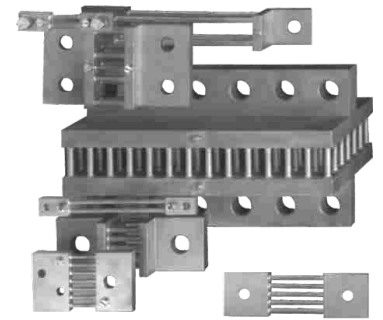


RISH *Xmer* Wound Primary Current Transformers Series



RISH TW Series

SHUNTS



Shunts

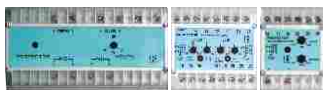


RISH *Xmer* Split Core



RISH *Xmer* Current Transformers Series

CURRENT TRANSFORMERS



AC Current Relay



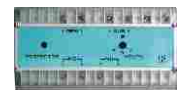
AC Voltage Relay with Adjustable Differential



AC Voltage Relay with Adjustable Time Delay



Frequency Relay



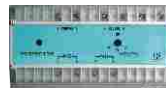
Combined Under / Over Voltage & Frequency Relay



Phase Sequence & Phase Failure Relay



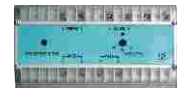
Thermistor trip Relay



Synchro-check Relay



Phase Balance Relay



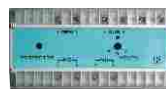
Reverse-Power Relay



DC Voltage Relay



Hot-Spot 3 Relay



Hot-Spot 6 Relay



Mili-Volt / Thermo-couple Relay



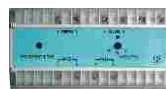
Speed Sensing Trip Relay



Motor-Protection Relay



Earth Fault Relay



Transducer Trip Relay



- Adjustable set points
- 2 pole relay contacts
- Auto reset
- Adjustable time delay
- Energise - De-energise function swapping

RELAYS



DIGITAL MULTI METERS



- Automatic terminal blocking system ABS
- Interface and software RISH COM 100
- TRMS Measurement
- MIN MAX value storage
- Protective holster for rough duty
- Continuity Test
- Power economizing circuit
- Auto ranging manual range selection
- Backlit
- Supplied with accredited test certificates
- 3 years warrantee



CLAMP METERS

- Unique design patented by RISHABH
- Large jaw opening with 180° rotation to avoid difficult measuring positions
- Narrow housing for firm grip and easy to carry
- High accuracy for low current measurement
- Null zero correction for resistance and capacitance
- Analog scale and auto power OFF



Clamp 1000A/1A Clamp 1000A/5A Clamp 300A/0.3A



Clamp 300A Clamp 1000A

INSULATION TESTERS



LV Insulation HV Insulation LV Insulation with ABS Body Earth Tester

- Broad measuring range from 10KW to 1TW
- Easy to ready logarithmic display
- voltage measurement to 100V to 5000V
- Hands free continuity testing



Insu 10 Insu 20 Mz 30



Insu 5000A