Power Monitoring Solutions
Metering Products

With effect from January 18th, 2019

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POWER ELECTRICALS
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Powering the Digital Future.... Today

Connected, IOT enabled solutions to improve your Power Management

EcoStruxure Power brings IoT digitization to your electrical distribution system so that your people are safer and more productive; so that your equipment is easier to maintain and thereby lasts longer; and so that your operations run smoothly, sustainably, and more profitably.

The new EcoStruxure Power 2.0 builds on the innovative energy management system with ISO certifications, the latest cybersecurity standards compliance and new digital enhancements – thermal monitoring, power event analysis and microgrids applications – to enable safer, more reliable, efficient and sustainable facilities.
Discover Our Power Monitoring Solutions

Advanced power quality analyzers/ high revenue accuracy, transient detection, ABT application, embedded web pages, Modbus mastering, GPS time sync, SOE, Expandable IO, IEC PQ Compliance

Patented Disturbance detection, Intermediate PQ, on board memory, alarms, waveform capture, sags & swells, smart demand controller

Harmonics Monitoring, Predictive Demand monitoring, Multitarrif, WAGES integration

Energy and Power Monitoring, VAF-PF

EcoStruxure™ Facility Expert- Onsite (FXO)
Your first step towards Energy Management

FXO for 50 Devices - LP INR - 40,698

Find more details and ordering options at schneider-electric.co.in
Insulation Monitoring for Ungrounded Networks

Vigilohm insulation monitoring devices improve process availability and safety for personnel and equipment

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1. Tailored Offers for Specific Applications and Segments

Branch Circuit Power Monitor

> BCPM A/B/C variants
> Split or solid core CTs
> 24 / 36 / 42 / 48 / 72 / 84 channels configuration

1.1 BCPM

The BCPM Provides DataCenter Managers with Information to

Maximize uptime and avoid outages through advanced alarming capabilities
> Set sensitivity parameters so an alarm is triggered when current approaches any breaker limit
> Alarms distinguish between past events and alarm states that are still occurring
> Analyze the alarm history to assess areas that may need additional capacity to prevent issues

Effectively plan future infrastructure needs by providing historical usage data, to ensure that new infrastructure projects are sized correctly
> Track usage at the circuit level
> Develop reports on historical usage patterns
> Use reporting to accurately predict future needs

Easily allocate costs
> Allocate costs based on per rack energy consumption
> Track usage patterns and determine areas of potential savings
> Create ongoing reporting structures to effectively manage costs

Price on Request

1.2 Insulation Monitoring Devices

Vigilohm Range of Insulation Monitoring Devices

Used in IT earthing arrangements, this solution
> Guarantees process continuity in case of earth fault,
> Improves staff and process safety, and
> Optimizes maintenance.

Can be used in 3 levels of insulation monitoring
Level 1 : fault detection and signalling, manual fault location (all IMDs)
Level 2 : automatic fault location
Level 3 : feeder measurement + communication

Key features
> Fault detection and signalling
> Insulation resistance value display
> Transformer monitoring (current and temperature)
> Modbus communication
> Alarm log
> Insulation fault remote indicator (audible & visual)
> Electrical fault (transformer overload or circuit breaker tripping ) remote indicator (audible & visual)
> IEC 60364-4-41 : Electrical standards in buildings
> IEC 60364-7-10 : Requirements for special installations or locations Medical locations.
> IEC 61557-8 : Insulation Monitoring Devices in IT earthing arrangement
> IEC 61557-9 : Equipment for insulation fault location in IT earthing arrangements

Price on Request

Please contact Customer Care Center for Stockable and Non stockable status of references.
Discover the World’s Most Accurate Advanced Power Quality Analyser

PowerLogic™ ION9000 series

Meet the future of advanced power quality metering. Modular design, multiple mounting, communication options and flexible programming gives the ION9000 the incredible adaptability needed for the IoT-enabled future. At 0.1S it exceeds even the most stringent accuracy standards, unlocking significant new energy savings for an innovative competitive edge. More than a meter; the ION9000 is the exclusive powerhouse of critical power systems.

- **Highest Active Accuracy**: Class 0.1S as per IEC62053-22, third party certified
- **Highest Sampling Rate**: 1024 Samples / Cycle
- Transient capturing as short as 20μS @50Hz
- **Disturbance Direction Detection (DDD)**: Upstream / Downstream
- Sag/ Swell monitoring with Waveform Capturing & Smart Event Analysis
- 2GB Onboard Memory with Cyber Security compliance
- Dual Ethernet and 02 RS485 port with Modbus Mastering
- International PQ standards - IEC 61000-4-30 Class A, IEC 62586 -1/2 PQI-S

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2. High Accuracy, Specialized Solutions - for MV/LV Distribution

2.1 PowerLogic™ ION9000

- Summarize power quality, set targets, measure and verify results
- Large Color Display with high resolution
- Modbus Master functionality to read from downstream Modbus devices and view it via the front panel
- Detect and capture transients as short as 20μs at 50Hz (17μs at 60 Hz)
- Power quality compliance monitoring IEC 61000-4-30 Class A, test methods as per IEC 62586-1/2.
- 2 GB of standard non-volatile memory.
- Trend curves and short-term forecasting of upcoming values for better decisions
- Disturbance direction detection with results captured in the event log, with a timestamp and certainty level
- 50+ definable alarms to log critical event data, trigger waveform recording, or perform control function.
- Trigger on any condition, with 1/2-cycle and 1-second response time.
- Support protocol: Modbus, ION, DNP3, DLMS, SNMP, and IEC 61850.
- Gateway functionality to access downstream meter’s readings through ethernet
- Time synchronization via GPS clock (RS-485) or IRIG-B (digital input) to ±1 millisecond.

2.2 PowerLogic™ ION 8800 / 8650

- Utility grade accurate metering with IEC 62053-22/23 Class 0.2S with 1024 samples / cycle
- Power quality compliance monitoring for IEC 61000-4-30 Class A/S, EN50160, IEC 61000-4-7, IEC 61000-4-15, IEEE 1159, IEEE 519
- Power quality measurements with Individual Harmonics, sag – swell, transient detection, waveform analysis & logging
- Digital fault recording by capturing voltage and current channels simultaneously for sub-cycle disturbances
- Complete communications through IEC1107 optical port or the optional communications module that supports concurrent Ethernet, serial, and modem communications
- Transformer/line loss compensation for system losses in real time directly in the meter
- Instrument transformer correction to save money and improve accuracy by correcting for less accurate transformers.

2.3 PowerLogic™ PM8000 Series Power Quality Analyser

Patent disturbance detection capability with Sag/Swell / Waveform capture technology

- Ideal for high energy users
- Revenue accuracy of Class 0.2S as per IEC 62053-22
- High Sampling rate of 256 Samples / Cycle, Waveform recording, sag/swell monitoring
- Modbus Master with Single RS485 port & Dual Ethernet
- 512MB of standard non-volatile memory for Data and event logging
- Harmonics Analysis upto 63rd for Voltage & current
- GPS clock (RS485) or IRIG-B (digital input)
- 01 Serial port (Modbus, ION, DNP3), Dual Ethernet port (Modbus/TCP, ION TCP, DNP3 TCP, IEC 61850)
- Standard Digital Input, Expandable Digital IO, Analog IO

*Price on Request
Simplifying power quality, maximizing versatility

PowerLogic™ PM8000 series
Power Quality Analyser

- Higher Sampling Rate: 256 Samples / Cycle
- Disturbance Direction Detection (DDD): Upstream / Downstream
- Sag/ Swell monitoring with Waveform Capturing functionality
- High Active Accuracy: Class 0.2S as per IEC 62053-22
- Dual Ethernet and 01 RS485 port with Modbus Mastering
- International PQ standards - IEC 61000-4-30 Class S, IEC 62586 PQI-S
3. High Accuracy, Compact, Power Meters - for HV/MV/LV Distribution

3.1 PowerLogic™ PM5000 Series Power Meters

- IEC 61557-12 IEC for PMD (Power Measurement Devices)
- **Accuracy** - Class 0.5S (PM51xx, PM53xx) and Class 0.2S (PM5560) - IEC Specifications
- 4th CT for neutral and ground current measurement (PM5560)
- **Dual Ethernet** ports for daisy chain communication (PM5560)
- **Internal webpage** (PM5560)
- **Individual Harmonics** up-to 63rd (PM5560), 31st (PM53xx) & 15th (PM51xx) THD, TDD
- **Multi-tariff** Schedules 4 tariffs (PM53xx) & 8 tariffs (PM5560)
- **Two Relay outputs** for circuit breaker monitoring & control (PM5330,PM5340)
- **Logging** memory (PM53xx,PM5560)
- **Peak demand** with time stamping D/T for current and powers (PM53xx,PM5560)
- **Demand prediction** based on sliding, fixed and rolling block, thermal methods (All models)
- **Battery backed up** Real Time Clock (All models)
- **Meter Insight-Through QR code**

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<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [£]</th>
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<tr>
<td>PM 5560</td>
<td>Cl0.2S, 2 Ethernet + 1 RS485 Port, 4th CT, Webpage, 63rd Harmonic (magnitude &amp; direction), 52 alarms, 4 DI, 2 DO, 8 multi tariff, 128 samples / cycle</td>
<td>30003008D</td>
<td>57645</td>
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<td>PM 5340</td>
<td>Cl0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle</td>
<td>30003007D</td>
<td>33393</td>
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<tr>
<td>PM 5320</td>
<td>Cl0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 35 Alarms, Data logging, 64samples / cycle</td>
<td>30003005D</td>
<td>31124</td>
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</tbody>
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3.2 Smart Demand Controller - EM7200 Series

- **Accuracy CL 0.2**, 0.5S and Class 1.0 as per IEC 62053 21/22
- **CE / UL** Certification as per IEC / UL61010 1 Ed 3
- **Versatile** and fully user programmable, suitable for HT/LT with any CT/PT
- **2 Digital inputs, 3 Form C Relay outputs** for control
- **TOU** for time enabled tariff users and auto resetting of energy parameters - weekdays, weekends, public holidays & offs.
- **Import / Export** option enables monitoring of bi-directional power flow (also called 4 - quadrant measurement)
- Utility meter cross check
- **19 demand profile** settings for optimal demand planning
- **THD and individual harmonics up-to 15th**
- **Predictive demand**, present demand, max demand with date/time stamp. 4 peaks and 4 lows

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<td>EM 7290</td>
<td>Demand Controller Cl0.2* with RS485 Port</td>
<td>30002975</td>
<td>46987</td>
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<tr>
<td>EM 7280</td>
<td>Demand Controller Cl0.5S with RS485 Port</td>
<td>30002198</td>
<td>36654</td>
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<tr>
<td>EM 7230</td>
<td>Demand Controller Cl1 with RS485 Port</td>
<td>30002055</td>
<td>33834</td>
</tr>
</tbody>
</table>

* Class 0.2S compliance available in 3ph,4w system
The easy choice for quality, value, and simplicity.

EasyLogic™ PM2000 series

- Active Accuracy - Class 0.5S/1.0 as per IEC62053-22/21
- Dual Sourcing - Utility or Solar or wind energy monitoring using the DI
- 12am (Configurable) Snapshot - Volt, Amp, Power & Energy
- Rate Counters - Configurable for Energy and KgCO2
- Expandable IO Module - Digital IO/Analog IO
- Calibration and Heart beat LED on the front display

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3. High Accuracy, Specialized Solutions - for MV/LV Distribution

3.3 Easy Logic PM2000 Series
Multifunction Power and Energy meter with 12am snapshot and Rate counters (kgCO2 / Energy)

> Energy Standard - Class 0.5S /1.0 as per IEC 62053-22 / 21
> Power quality analysis with THD & Ind. harmonics up to 31st
  - IO module integration (optional) – Digital Input/ Output, Analog Input/ Output
  - Dual / Multi sourcing - Capable of monitoring Utility & Genset/ Solar/Wind energy using the Multitariiff and Digital Input.
  - 12am (Configurable) Snapshot – Snapshot of Avg Volt, Avg Amp, Total active power & energy delivered as measured by the meter at 12am (Configurable) of every day.
  - Rate Counters – Configurable rate counters for displaying kgCO2 or energy cost.
  - Onboard Data Logging – Configurable logging up to 2 parameters
  - Per-phase, avg/ total of Volts, Amps, PF, THD, Hz, W, Wh, VA, VAh, VAR, VARh, Max Demand & Import / Export
  - Min/Max Monitoring with Date/Time stamping
  - Communication : Pulse output or RS485 port

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<tr>
<th>Product</th>
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<tbody>
<tr>
<td>PM2230</td>
<td>PM2230, LCD, RS485, Accuracy Cl0.5S, 31st Ind. harmonics, 12am snap shot, kg CO2 and energy rate counters, Data logging</td>
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<td>23117</td>
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<tr>
<td>PM2220</td>
<td>PM2220, LCD, RS485, Accuracy Cl1, 15th Ind.harmonics, 12am snap shot, kg CO2 and energy rate counters</td>
<td>METSEPM2220D</td>
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<td>PM2210</td>
<td>PM2210, LCD, Pulse Output, Accuracy Cl1, 12am snap shot, kg CO2 and energy rate counters</td>
<td>METSEPM2210D</td>
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<tr>
<td>PM2130</td>
<td>PM2130, LED, RS485, Accuracy Cl0.5S, Ind. Harmonics up to 31st over communication, data logging</td>
<td>METSEPM2130D</td>
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<td>PM2K2DIDO*</td>
<td>Optional Digital IO card - 2 channel DI &amp; DO for PM2000 Series</td>
<td>METSEPM2K2DIDO22D</td>
<td>2627</td>
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<tr>
<td>PM2K1AIIO*</td>
<td>Optional Analog IO card - 1 channel AI &amp; AO for PM2000 Series</td>
<td>METSEPM2K1AIIO11D</td>
<td>3114</td>
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<tr>
<td>PM2K2AIIO*</td>
<td>Optional Analog IO card - 2 channel AI &amp; AO for PM2000 Series</td>
<td>METSEPM2K2AIIO22D</td>
<td>3794</td>
</tr>
</tbody>
</table>

* Optional IO modules can be used for PM2230 & PM2130 models only. Maximum upto 1 module can be used per device at a time.

Introducing
EasyLogic™ PM22xxR

Quick Click power meters

The easy choice for simplicity

Tool-less, plug and play LVCT connected meters that save up to 75% on installation time!

- Easy to save up to 75% on installation time
- Easy to choose, install, and use
- Easy to combine with low voltage current transformers
The future of multifunction meters is here

The all-new Hexa Series and EM6400NG Series

All-New Hexa

All-New EM6400NG
4. India’s Most Trusted, Reliable and Accurate Multifunction Meters

4.1 Conzerv EM6400NG Series, The Next Generation Workhorse
Multifunction Energy meter with NextGen features like Harmonics & Min/Max Monitoring, Digital security

- **Energy Standard** – Class 0.2/0.5S/1 as per IEC 62053-22 / 21
- **Power quality analysis** with THD & individual harmonics upto 15th order communication
- **13 different wiring** configuration scheme
- **Volts, Amps, PF, THD, F, W, Wh, VA, VAh, Varh, Onhrs, Interupts, Preloaded Demand & Import /Export**
- **Min/Max Monitoring** with Date/Time stamping
- **Calibration LED** and Heart beat LED for communication Status
- **Communication** : POP or RS485 port

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<td>EM6400NG</td>
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## 5. India’s Most Trusted, Reliable and Accurate Multifunction Meters

### 5.1 Hexa Series EM64XXH and PM1130H Meters

Load Managers, Power & Energy, Dual Source Multifunction meters

> Energy Accuracy - Class 0.5 / 1.0 as per IEC 62053-22 / 21
> Single and Multisource range of devices
> Dual Sourcing with demand Monitoring, THD% for voltage & Current, 01 Relay Contact.
> Configurable Favorite Page.
> Sampling Rate of 32 Samples / Cycle.
> Onsite Calibration Verification - Calibration LED.
> Heart beat LED for communication status & meter healthiness.
> Modus RS485 communication port.
> Communication Disable from the front panel of the Meter.
> Multi colored analog load bar with over load indication.
> Configurable Password for secured setup of the device.

<table>
<thead>
<tr>
<th>Product</th>
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<tbody>
<tr>
<td>PM1130H</td>
<td>EASYLOGIC PM1130H Dual Source Power &amp; Energy Meter, Class accuracy 0.5, 01 Relay Contact, 01 RS485 port</td>
<td>METSEPM1130HCL05RD</td>
<td>14858</td>
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<tr>
<td>EM6438H</td>
<td>CONZERV EM6438H Dual Power &amp; Energy Meter, Class accuracy 0.5, 01 RS485 port</td>
<td>METSEEM6438HCL05RS</td>
<td>7333</td>
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<td>EM6436H</td>
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<td>CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0</td>
<td>METSEEM6459HCL10NC</td>
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</tbody>
</table>

* Few references may not be the exact equivalent, Please contact local sales representative before ordering.

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Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

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Stay on top of it with PowerTag

Give your business a competitive edge with PowerTag wireless energy sensors

With PowerTag™, you can add innovation to any project with one simple action. Even in panels where space is at a premium, you can easily tag circuit breakers to help your customers reduce costs and improve efficiency.

Connected by EcoStruxure™ Power – Schneider’s IoT-enabled, open, and interoperable architecture – PowerTag helps you delight your customers with a solution that’s small in size but large in impact.

Monitor it. Secure it.* Tag it.

* Secure it: As part of the Acti 9 communication system, PowerTag monitors loads and identifies load imbalances and overload levels before a trip occurs. PowerTag also alerts you to voltage losses, so you save time recovering your installation in the event of load downtime. An email alert means you can take preventive action thus avoiding potential downtime.
6. DIN Rail Mount Meters - Accurate, Flexible Power Meters

Schneider Electric's new DIN rail mount meters are compact, versatile, high performance devices that confirm to exacting IEC standards with the added benefits of being i. Easy to install ii. Easy to modify and iii. Easy to maintain.

6.1 PowerLogic™ PM3200 Series Cl 0.5S Power Meters
MV / LV Distribution

- Know network health through all measurement parameters (I, In, U, V, PQ, E, PF, Hz, THD)
- Four-quadrant metering to differentiate energy
- Target green technologies (delivered/received)
- Help reduce utility penalties (active/reactive)
- Up to 4 different time slots to manage multiple tariffs
- Peak, off-peak, workday, weekend
- DI/DO provide access to other areas of the electrical network & allow for more applications
  - WAGES counting, remote reset, tariff control and energy pulse outputs
  - Status input (circuit breaker tripping panel door opening), DO alarm for sound or light alert
- Data logging (PM3255)
  - Save last 32 days, last 20 weeks and last 13 months consumption data in separate registers
  - Longer historical record helps create an accurate load profile, making benchmarking and trending easier

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
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<tbody>
<tr>
<td>PM 3255</td>
<td>Din rail Power meter Modbus</td>
<td>METSEPM3255</td>
<td>15916</td>
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<tr>
<td>PM 3210</td>
<td>Din rail Power meter pulse</td>
<td>METSEPM3210</td>
<td>14505</td>
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6.2 PowerLogic™ iEM3000 Series Class Meters - LV Distribution

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<tr>
<th>iEM3110</th>
<th>iEM3210</th>
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<tbody>
<tr>
<td>&gt; Total kWh</td>
<td>&gt; Total kWh + date and time of last reset</td>
<td></td>
</tr>
<tr>
<td>&gt; Partial kWh + date and time of last reset</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt; Pulse output up to 1000 pulse/kWh</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt; 1 Digital Output</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt; Date and time of last reset</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt; MID legal metrology certification</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
</tr>
</thead>
<tbody>
<tr>
<td>iEM33xx</td>
<td>Three Phase, 125A Direct Current, Lonwork</td>
<td>A9MEM3375</td>
<td>20972</td>
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<tr>
<td>iEM33xx</td>
<td>Three Phase, 125A Direct Current, BACnet</td>
<td>A9MEM3365</td>
<td>19396</td>
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<tr>
<td>iEM33xx</td>
<td>Three Phase, 125A Direct Current, Modbus</td>
<td>A9MEM3350</td>
<td>16504</td>
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<td>iEM33xx</td>
<td>Three Phase, 125A Direct Current, PulseO/P</td>
<td>A9MEM3310</td>
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iEM 33xx - Cl1.0, Direct current 125 A, Din Rail Meter

Three phase CT Operated, Din Rail Meter / Direct Current-Three phase (upto 63A)

<table>
<thead>
<tr>
<th>Product</th>
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<th>Reference</th>
<th>Unit LP [t]</th>
</tr>
</thead>
<tbody>
<tr>
<td>iEM 3x65</td>
<td>Three Phase, 125A Direct Current, Lonwork</td>
<td>A9MEM3265</td>
<td>16812</td>
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<td>iEM 3x55</td>
<td>Three Phase, 125A Direct Current, BACnet</td>
<td>A9MEM3255</td>
<td>11785</td>
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<td>iEM 3x50</td>
<td>Three Phase, 125A Direct Current, Modbus</td>
<td>A9MEM3250</td>
<td>11050</td>
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<td>iEM 3x10</td>
<td>Three Phase, 125A Direct Current, PulseO/P</td>
<td>A9MEM3210</td>
<td>10123</td>
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Please contact Customer Care Center for Stockable and Non stockable status of references.

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18 | W.E.F. January 18th, 2019

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7. Ethernet Communication Gateways and Meters

Com’X 510 Energy management in a box
- Com’X 510 collects and stores consumption of WAGES (water, air, gas, electricity and steam) and environmental factors like temperature, humidity, and CO2 levels.
- Its embedded energy management software provides immediate visibility of energy consumption that helps identify opportunities for saving energy and lowering power bills.
- Users can analyze real-time and historical data, provide stakeholders with a comprehensive view of their energy usage.

7.1 Ethernet Communication Gateway Server / Converters

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Com’X 510 Gateway Server</td>
<td>Energy Gateway Server – EMS in a BOX</td>
<td>EBX510</td>
<td>45697</td>
</tr>
<tr>
<td>Link150 Protocol Convertor</td>
<td>Protocol Converter from Modbus RS485 to TCP/IP</td>
<td>EGX150</td>
<td>28308</td>
</tr>
</tbody>
</table>

- Dual Ethernet
- Onboard storage
- Wireless WiFi / GPRS Support
- Cloud hosted platform
- Wireless WiFi / GPRS Support
- Local and Customized Web pages with trending and dashboard visualization
- Modbus Gateway
- On-Board 6 DI, 2 AI

Com’X 510 Gateway Server
- Dual Ethernet
- Onboard storage
- Wireless WiFi / GPRS Support
- Cloud hosted platform
- Local and Customized Web pages with trending and dashboard visualization
- Modbus Gateway
- On-Board 6 DI, 2 AI

PM 5560
- Two Ethernet ports with single IP, CI0.2S, Web dashboard
- Setup through built-in web pages
- HTTP, HTTPS, FTP, SMTP, IPV6 Support
- 24V DC and/or POE power supply

PM 5340
- One Ethernet port, 2 Digital Inputs, 2 Digital Outputs, 2 Relays
- Setup through built-in web pages
- HTTP, HTTPS, FTP, SMTP, IPV6 Support
- 24V DC and/or POE power supply

PM 5320
- One Ethernet port, 2 Digital Inputs, 2 Digital Outputs
- Setup through built-in web pages
- HTTP, HTTPS, FTP, SMTP, IPV6 Support
- 24V DC and/or POE power supply

Wi-fi USB Stick
- Wi-fi USB stick for Com’X

Product Description Reference Unit LP
Com’X510 Energy Gateway Server – EMS in a BOX EBX510 45697
Link150 Protocol Converter EGX150 28308
Wi-fi USB Stick EBXA-USB-WiFi 4048

7.2 Ethernet – TCP/IP Protocol Meters & Accessories

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ION Products</td>
<td>ION 8800, ION 8650, ION 7650, ION 7550, PM8000 with Ethernet</td>
<td>On Request</td>
<td></td>
</tr>
<tr>
<td>PM 5560</td>
<td>Two Ethernet ports with single IP, CI0.2S, Web dashboard</td>
<td>30003008D</td>
<td>57645</td>
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<tr>
<td>PM 5340</td>
<td>One Ethernet port, 2 Digital Inputs, 2 Digital Outputs, 2 Relays</td>
<td>30003007D</td>
<td>33393</td>
</tr>
<tr>
<td>PM 5320</td>
<td>One Ethernet port, 2 Digital Inputs, 2 Digital Outputs</td>
<td>30003005D</td>
<td>31124</td>
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Product Description Reference Unit LP
ION Products ION 8800, ION 8650, ION 7650, ION 7550, PM8000 with Ethernet On Request
PM 5560 Two Ethernet ports with single IP, CI0.2S, Web dashboard 30003008D 57645
PM 5340 One Ethernet port, 2 Digital Inputs, 2 Digital Outputs, 2 Relays 30003007D 33393
PM 5320 One Ethernet port, 2 Digital Inputs, 2 Digital Outputs 30003005D 31124

Accesories for Power Monitoring

<table>
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<tr>
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<tbody>
<tr>
<td>Adaptor Plate 144X144 mm</td>
<td>30000089</td>
<td>86</td>
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<tr>
<td>ELF adaptor plate</td>
<td>30001808</td>
<td>54</td>
</tr>
<tr>
<td>DM52XX Tamper protection kit - Set of 36 nos in 01 KIT</td>
<td>METSEDM5240TK</td>
<td>1,003</td>
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</tbody>
</table>

Please contact Customer Care Center for Stockable and Non stockable status of references.

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8. Specialized Small Form Factor Meters - ELF Series

8.1 ELF32xx Series - VAF, Power & Energy Meters

- Accuracy CI1.0, CI0.5
- Aux Supply - 80 to 270Vac
- Size - 96X48mm
- Parameters - VAF, W/VA/VAr/PF
  a) ELF3259 - VAF meter
  b) ELF3234 - W/VA/VAr/PF
  c) ELF3234_3 - W/VA/VAr & PF

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
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<tbody>
<tr>
<td>ELF3234-3</td>
<td>ELF3234-3 CI0.5</td>
<td>30000619</td>
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<td>ELF3234</td>
<td>ELF3234 CI0.5</td>
<td>30000621</td>
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<td>ELF3259</td>
<td>ELF3259 CI0.5</td>
<td>30000620</td>
<td>2741</td>
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<td>ELF3234-3</td>
<td>ELF3234-3 CI1.0</td>
<td>30000409</td>
<td>5097</td>
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<td>ELF3234</td>
<td>ELF3234 CI1.0</td>
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<td>ELF3259</td>
<td>ELF3259 CI1.0</td>
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9. Specialized Counter Energy Meters- Conzerv™ DM52xx

9.1 *Conzerv™ DM52xx

- Accuracy CI1.0, CI0.5
- Pulse output - for effective WAGES tracking on EMS systems
- 3P4W & 3P3W wiring options

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
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<tbody>
<tr>
<td>DM5240</td>
<td>Energy Meter 3P4W CI1.0 POP</td>
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<tr>
<td>DM5240</td>
<td>Energy Meter 3P4W CI0.5 POP</td>
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<td>DM5230</td>
<td>Energy Meter 3P3W CI1.0 POP</td>
<td>3931</td>
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<tr>
<td>DM5230</td>
<td>Energy Meter 3P3W CI0.5 POP</td>
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</table>

*Reference code based on detailed specification, please check with local Representative

10. LCD Display Energy Meters & VAF+PF Meters

High durability, sleek LCD display energy & VAF+PF meters

10.1 EM1000 / EM1200 Series

- Accuracy CI0.5, CI1.0
- Parameters - KW, KWh & PF
- Pulse output - for basic tracking on EMS systems
- RS 485 - for native integration into EMS

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
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<tbody>
<tr>
<td>EM1200</td>
<td>EM1200 CI0.5 RS</td>
<td>30002572</td>
<td>4295</td>
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<tr>
<td>EM1000</td>
<td>EM1000 CI0.5 POP</td>
<td>30002571</td>
<td>3686</td>
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<tr>
<td>EM1200</td>
<td>EM1200 CI1.0 RS</td>
<td>30002565</td>
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<td>EM1000</td>
<td>EM1000 CI1.0 POP</td>
<td>30002568</td>
<td>2915</td>
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</table>
10.2 DM 6100 Series – VAF, PF Meters
> CE compliance - Volt/Amp/ frequency meter

11. CE compliance - Volt/Amp/ frequency meter

11.1 EasyLogic™ DM3000 / DM1000
> CE compliance as per latest IEC 61010-1
> 50Hz or 60Hz
> AC or DC control power
> LED indicators for phase identification in 3-ph meters
> Plus all features of Conzerv range DM3000 / DM1000

12. Just the Basics - Voltage / Ampere / Frequency Meters

12.1 Conzerv™ DM3000 / DM1000

Accuracy
> Volts & Amps - CI 0.5/CI1.0
> Frequency - 0.2
> True RMS values

Bright red LED Display
> Full 4 Digits, 0.1% Resolution
> 14mm height, 7 segment

User-friendly
> Auto exit from setup
> Elegant ergonomic design
> Intuitive dual function key
> Bright LED indicators - Kilo & Phase indications for measured value

Please contact Customer Care Center for Stockable and Non stockable status of references.

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [?]</th>
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<td>DM6300</td>
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<td>DM6300 CI1.0 RS</td>
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<table>
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<th>Unit LP [?]</th>
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<tbody>
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<td>Three phase Ammeter CI0.5</td>
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<td>Single phase Ammeter CI0.5</td>
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<td>1687</td>
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<tr>
<td>DM1310</td>
<td>Frequency meter CI0.2</td>
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<table>
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<td>DM1310</td>
<td>Single phase Frequency CI0.2</td>
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</table>
Introducing the world’s most accurate Revenue meter with DLMS

PowerLogic™ ION8650-DLMS
Next Generation Power Quality and ABT Meter

Utilities
Buildings
Industry

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• All Prices are in Indian Rupees.
• Prices are subject to change without notice.
• Prices charged will be as prevailing on the date of dispatch.
• Maximum Retail Price (MRP) is inclusive of all taxes.
• Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
• Invoice Amount = (MRP – less Applicable discount) + Applicable % GST