Power Monitoring Solutions
Metering Products
With effect from March 12, 2018

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

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, Multitariff, WAGES integration

Energy and Power Monitoring, VAF-PF

COM’X 510
Energy Management & Dashboard in a box, Data logger via cloud, Remote data push over hosted platform, Connect isolated sites via GPRS/WIFI, Onboard DI/Al

EGX 300
Modbus serial device to Ethernet gateway, Local Data logging and visualization

LINK 150
Modbus to Ethernet protocol Conversion, dual ethernet

Please contact your sales representative for more details and ordering.
Power Monitoring Expert

Delivers superior power and energy management to meet your toughest demands

Drive performance with the next generation in power and energy management

Managing a complex facility with critical power assets and high-energy consumption is challenging. You need access to real-time monitoring data, alarming, and power quality analysis to help you avoid critical conditions that can cause equipment failures and downtime. You also need a robust set of energy analytics tools to manage your energy efficiency and sustainability programs. StruxureWare™ Power Monitoring Expert is a complete, interoperable, and scalable power management software solution that enables you to optimize your power distribution infrastructure, maximize operational efficiency, and improve your bottom-line performance. This solution will help you:

- Maximize facility uptime and reliability
- Examine and mitigate power quality related issues
- Find new ways to extend equipment performance and life span
- Track energy consumption, uncover savings opportunities and accurately allocate costs
- Enable compliance with power quality and energy standards such as IEC/IEEE and ISO50001

Power Monitoring Expert also features segment-specific solutions for data centers, healthcare, and buildings, delivering pre-engineered functionality customized to meet your needs.

Manage power quality, availability, and reliability
Optimize use of your electrical and infrastructure assets
Drive energy efficiency initiatives and improve financial performance

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1. Tailored Offers for Specific Applications and Segments

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

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

2.1 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 519, IEEE 1159
- 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-cyle 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.

2.2 PowerLogic™ ION 7650 / 7550
- Summarize power quality, set targets, measure and verify results
- Modbus Master functionality to read from downstream Modbus devices and view it via the front panel
- IEC 61850 protocol to increase interoperability & decrease engineering time
- Gateway functionality to access downstream meter’s readings through ethernet
- Detect and capture transients as short as 20μs at 50Hz (17μs at 60 Hz)
- Power quality compliance monitoring IEC 61000-4-30 class A/S, EN50160, IEC 61000-4-7, IEC 61000-4-15, IEEE 519, IEEE 1159, and CBEMA/ITIC
- Evaluate flicker based on IEC 61000-4-15 and IEEE 1453
- Detect wave-form changes & record ultra-fast electrical parameters every 100 m.s.
- 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
- Alarm set-point learning & alarm notification via email

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

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

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Simplifying power quality, maximizing versatility

PowerLogic™ PM8000 series
Advanced 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**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
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</thead>
<tbody>
<tr>
<td>PM 5560</td>
<td>CI0.2S, 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>54382</td>
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<tr>
<td>PM 5340</td>
<td>CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle</td>
<td>30003007D</td>
<td>32109</td>
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<tr>
<td>PM 5320</td>
<td>CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 35 Alarms, Data logging, 64samples / cycle</td>
<td>30003005D</td>
<td>29927</td>
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<tr>
<td>PM 5330</td>
<td>CI0.5S, RS485 Port, 31st harmonic, 2 DI, 2 DO, 35 Alarms, Data logging, 64samples / cycle</td>
<td>30003006D</td>
<td>26404</td>
</tr>
</tbody>
</table>

### 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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<tbody>
<tr>
<td>EM 7290</td>
<td>Demand Controller CI0.2* with RS485 Port</td>
<td>30002975</td>
<td>46066</td>
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<tr>
<td>EM 7280</td>
<td>Demand Controller CI0.5S with RS485 Port</td>
<td>30002198</td>
<td>35935</td>
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<tr>
<td>EM 7230</td>
<td>Demand Controller CI1 with RS485 Port</td>
<td>30002055</td>
<td>33171</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
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 Multitariﬀ 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, VAh, VAR, VArh, Max Demand & Import / Export
  • Min/Max Monitoring with Date/Time stamping
  • Communication : Pulse output or RS485 port

Product | Description | Reference | Unit LP (₹)
--- | --- | --- | ---
PM2230 | PM2230, LCD, RS485, Accuracy Cl0.5S, 31st Ind. harmonics, 12am snap shot, kg CO2 and energy rate counters, Data logging | METSEPM2230D | 22228
PM2220 | PM2220, LCD, RS485, Accuracy Cl1, 15th Ind.harmonics, 12am snap shot, kg CO2 and energy rate counters | METSEPM2220D | 20449
PM2210 | PM2210, Pulse Output, Accuracy Cl1, 12am snap shot, kg CO2 and energy rate counters | METSEPM2210D | 14989
PM2130 | PM2130, LED, RS485, Accuracy Cl0.5S, Ind. Harmonics up to 31st over communication, data logging | METSEPM2130D | 21290
PM2K2DIDO* | Optional Digital IO card - 2 channel DI & DO for PM2000 Series | METSEPM2KDGTIO22D | 2526
PM2K1AIAO* | Optional Analog IO card - 1 channel AI & AO for PM2000 Series | METSEPM2KANLGIO11D | 2994
PM2K2AIAO* | Optional Analog IO card - 2 channel AI & AO for PM2000 Series | METSEPM2KANLGIO22D | 3648

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

Accessories for Power Monitoring

| Description | Reference | Unit LP (₹)
--- | --- | ---
Adaptor Plate 144X144 mm | 30000089 | 80
ELF adaptor plate | 30001808 | 50
DM52XX Tamper protection kit - Set of 36 nos in 01 KIT | METSEDM5240TK | 929

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

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13 Life is On
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, Var, Varh, Runhrs, Inturpts, 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

<table>
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<tr>
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<tbody>
<tr>
<td>EM6400NG</td>
<td>Class accuracy CI0.2, RS485 port</td>
<td>METSEEM6400NGRSCL2</td>
<td>25022</td>
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<tr>
<td>EM6400NG</td>
<td>Class accuracy CI0.5S, RS485 port</td>
<td>METSEEM6400NGRSCL5</td>
<td>20903</td>
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<tr>
<td>EM6400NG</td>
<td>Class accuracy CI1.0, RS485 port</td>
<td>METSEEM6400NGRSCL1</td>
<td>16490</td>
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<tr>
<td>EM6400NG</td>
<td>Class accuracy CI0.5S, POP</td>
<td>METSEEM6400NGPOCL5</td>
<td>14293</td>
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<tr>
<td>EM6400NG</td>
<td>Class accuracy CI1.0, POP</td>
<td>METSEEM6400NGPOCL1</td>
<td>12940</td>
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**Old EM6400 Reference** | **Equivalent EM6400NG Reference**
--- | ---
30002912 | METSEEM6400NGRSCL2
30002913 | METSEEM6400NGRSCL2
30002914 | METSEEM6400NGRSCL2
30002915 | METSEEM6400NGRSCL2
30002916 | METSEEM6400NGRSCL2
30002917 | METSEEM6400NGRSCL2
30002918 | METSEEM6400NGRSCL2
30002919 | METSEEM6400NGRSCL2
30002920 | METSEEM6400NGRSCL2
30002921 | METSEEM6400NGRSCL2
30002922 | METSEEM6400NGRSCL2
30002923 | METSEEM6400NGRSCL2
30002924 | METSEEM6400NGRSCL2
30002925 | METSEEM6400NGRSCL2
30002001 | METSEEM6400NGRSCL5
30002019 | METSEEM6400NGRSCL5
30002036 | METSEEM6400NGRSCL5
30002040 | METSEEM6400NGRSCL5
30002041 | METSEEM6400NGRSCL5
30002042 | METSEEM6400NGRSCL5
30002051 | METSEEM6400NGRSCL5
30002056 | METSEEM6400NGRSCL5
30002057 | METSEEM6400NGRSCL5
30002069 | METSEEM6400NGRSCL5
30002062 | METSEEM6400NGRSCL5
30002083 | METSEEM6400NGRSCL5

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

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W.E.F. March 12, 2018

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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.

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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>14369</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>7092</td>
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<tr>
<td>EM6438H</td>
<td>CONZERV EM6438H Dual Power &amp; Energy Meter, Class accuracy 1.0, 01 RS485 port</td>
<td>METSEEM6438HCL10RS</td>
<td>6584</td>
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<tr>
<td>EM6436H</td>
<td>CONZERV EM6436H VAF+ PF + Power &amp; Energy Meter, Class accuracy 0.5, 01 RS485 port</td>
<td>METSEEM6436HCL05RS</td>
<td>10790</td>
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<tr>
<td>EM6436H</td>
<td>CONZERV EM6436H VAF+ PF + Power &amp; Energy Meter, Class accuracy 1.0, 01 RS485 port</td>
<td>METSEEM6436HCL10RS</td>
<td>9399</td>
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<tr>
<td>EM6436H</td>
<td>CONZERV EM6436H A+ Power &amp; Energy Meter, Class accuracy 0.5, 01 RS485 port</td>
<td>METSEEM6433HCL05RS</td>
<td>6577</td>
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<tr>
<td>EM6433H</td>
<td>CONZERV EM6433H A+ Power &amp; Energy Meter, Class accuracy 1.0, 01 RS485 port</td>
<td>METSEEM6433HCL10RS</td>
<td>6196</td>
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<tr>
<td>EM6459H</td>
<td>CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 0.5, 01 RS485 port</td>
<td>METSEEM6459HCL05RS</td>
<td>6594</td>
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<tr>
<td>EM6459H</td>
<td>CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0, 01 RS485 port</td>
<td>METSEEM6459HCL10RS</td>
<td>6555</td>
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<tr>
<td>EM6459H</td>
<td>CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0</td>
<td>METSEEM6459HCL10NC</td>
<td>5096</td>
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Old EM64xx Reference | Equivalent Hexa Reference |
30002277 | METSEPM1130HCL05RD |
30002278 | METSEPM1130HCL05RD |
30002306 | METSEPM1130HCL05RD |
30002351 | METSEPM1130HCL05RD |
30002438 | METSEPM1130HCL05RD |
30002305 | METSEPM1130HCL05RD |
30002437 | METSEPM1130HCL05RD |
30002026 | METSEEM6438HCL10RS |
30002269 | METSEEM6438HCL05RS |
30001999 | METSEEM6438HCL10RS |
30002892 | METSEEM6438HCL10RS |
30001994 | METSEEM6438HCL10NC |
30002295 | METSEEM6436HCL10NC |
30002893 | METSEEM6436HCL10NC |
30002015 | METSEEM6436HCL05RS |
30002234 | METSEEM6436HCL05RS |
30002204 | METSEEM6436HCL05RS |
30002205 | METSEEM6436HCL05RS |
30002201 | METSEEM6436HCL05RS |

Old EM64xx Reference | Equivalent Hexa Reference |
30002930 | METSEEM6438HCL05RS |
30002931 | METSEEM6438HCL05RS |
30002932 | METSEEM6438HCL05RS |
30002933 | METSEEM6438HCL05RS |
30002016 | METSEEM6433HCL10RS |
30002031 | METSEEM6433HCL10RS |
30002000 | METSEEM6433HCL05RS |
30002336 | METSEEM6433HCL05RS |
30002436 | METSEEM6433HCL05RS |
30002296 | METSEEM6433HCL05RS |
30002202 | METSEEM6433HCL05RS |
30001804 | METSEEM6459HCL10RS |
30002008 | METSEEM6459HCL10NC |
30002220 | METSEEM6459HCL05RS |
30002221 | METSEEM6459HCL05RS |
30002224 | METSEEM6459HCL05RS |
30002934 | METSEEM6459HCL05RS |
30002935 | METSEEM6459HCL05RS |
30002936 | METSEEM6459HCL05RS |

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

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

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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, PQS, 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 trip or 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>
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<tbody>
<tr>
<td>PM 325</td>
<td>Din rail Power meter Modbus</td>
<td>METSEPM3255</td>
<td>15304</td>
</tr>
<tr>
<td>PM 3210</td>
<td>Din rail Power meter pulse</td>
<td>METSEPM3210</td>
<td>13947</td>
</tr>
</tbody>
</table>

6.2 PowerLogic™ iEM3000 Series Class Meters - LV Distribution

- **iEM 31xx - Cl1.0 , Direct current 125 A , Din Rail Meter**
  - Total kWh
  - Partial kWh + date and time of last reset
  - Pulse output up to 1000 pulses/kWh
  - 1 Digital Output
  - Date and time of last reset
  - MID legal metrology certification

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
</tr>
</thead>
<tbody>
<tr>
<td>iEM3110</td>
<td>iEM3210</td>
<td>iEM3150</td>
<td>iEM3250</td>
</tr>
<tr>
<td>iEM3310</td>
<td>iEM3210</td>
<td>iEM3150</td>
<td>iEM3250</td>
</tr>
<tr>
<td>iEM33xx</td>
<td>iEM3210</td>
<td>iEM3150</td>
<td>iEM3250</td>
</tr>
</tbody>
</table>

- **iEM 33xx - Cl1.0 , Direct current 125 A , Din Rail Meter**
  - Total kWh, kVar
  - Four quadrant
  - Partial kWh + date and time of last reset
  - By communication: kWh, kVArh, P, Q, S, Kv, PF, 4 tariffs, digital input status, date/clock

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
</tr>
</thead>
<tbody>
<tr>
<td>iEM 33xx</td>
<td>Three Phase, 125A Direct Current, Lonwork</td>
<td>A9MEM3375</td>
<td>20069</td>
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<tr>
<td>iEM 33xx</td>
<td>Three Phase, 125A Direct Current, BACnet</td>
<td>A9MEM3365</td>
<td>18650</td>
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<tr>
<td>iEM 33xx</td>
<td>Three Phase, 125A Direct Current, Modbus</td>
<td>A9MEM3350</td>
<td>15896</td>
</tr>
<tr>
<td>iEM 33xx</td>
<td>Three Phase, 125A Direct Current, PulseO/P</td>
<td>A9MEM3310</td>
<td>14972</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
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</thead>
<tbody>
<tr>
<td>iEM 32xx</td>
<td>iEM 32xx Cl0.5S CT</td>
<td>iEM 31xx Cl1.0 - Direct current</td>
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</tr>
<tr>
<td>iEM 3x65</td>
<td>A9MEM3265</td>
<td>A9MEM3165</td>
<td>15845</td>
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<tr>
<td>iEM 3x55</td>
<td>A9MEM3255</td>
<td>A9MEM3155</td>
<td>12519</td>
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<tr>
<td>iEM 3x50</td>
<td>A9MEM3250</td>
<td>A9MEM3150</td>
<td>11816</td>
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<tr>
<td>iEM 3x10</td>
<td>A9MEM3210</td>
<td>A9MEM3110</td>
<td>10817</td>
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</table>

- **Direct Current-Single phase (upto 40A) , Din Rail Meter**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [t]</th>
</tr>
</thead>
<tbody>
<tr>
<td>iEM 2010</td>
<td>Single Phase Energy Meter upto 40A, POP with counter display</td>
<td>A9MEM2010</td>
<td>5043</td>
</tr>
</tbody>
</table>

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

Com’X 510 Gateway Server
EGX300 – Gateway Device
LINK150 Protocol Convertor

7.1 Ethernet Communication Gateway Server / Converters

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
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</thead>
<tbody>
<tr>
<td>Com’X510</td>
<td>Gateway Server – EMS in a BOX</td>
<td>EBXS10</td>
<td>43939</td>
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<tr>
<td>EGX300</td>
<td>Gateway Server</td>
<td>30002885</td>
<td>28213</td>
</tr>
<tr>
<td>Link150</td>
<td>Protocol Converter</td>
<td>EGX150</td>
<td>27219</td>
</tr>
<tr>
<td>Wi-fi USB Stick</td>
<td>Wi-fi USB stick for Com’X</td>
<td>EBXA-USB-WiFi</td>
<td>3892</td>
</tr>
<tr>
<td>GPRS</td>
<td>GPRS modem without SIM for Com’X</td>
<td>EBXA-GPRS</td>
<td>5353</td>
</tr>
<tr>
<td>GPRS Antenna</td>
<td>External GPRS antenna for Com’X</td>
<td>EBXA-ANT-5M</td>
<td>3171</td>
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</table>

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 C10.2S, Web dashboard</td>
<td>30003008D</td>
<td>54382</td>
</tr>
<tr>
<td>PM 5340</td>
<td>One Ethernet port, 2 Digital Inputs, 2 Digital Outputs, 2 Relays</td>
<td>30003007D</td>
<td>32109</td>
</tr>
<tr>
<td>PM 5320</td>
<td>One Ethernet port, 2 Digital Inputs, 2 Digital Outputs</td>
<td>30003005D</td>
<td>29927</td>
</tr>
</tbody>
</table>

Please contact Customer Care Center for Stockable and Non stockable status of references.
8. Specialized Small Form Factor Meters - ELF Series

8.1 ELF32xx Series - VAF, Power & Energy Meters

- Accuracy Cl1.0, Cl0.5
- 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>
<th>Reference</th>
<th>Unit LP [t]</th>
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<tbody>
<tr>
<td>ELF3234-3</td>
<td>ELF3234-3 Cl0.5</td>
<td>30000619</td>
<td>6077</td>
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<tr>
<td>ELF3234</td>
<td>ELF3234 Cl0.5</td>
<td>30000621</td>
<td>5201</td>
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<tr>
<td>ELF3259</td>
<td>ELF3259 Cl0.5</td>
<td>30000620</td>
<td>2610</td>
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<tr>
<td>ELF3234-3</td>
<td>ELF3234-3 Cl1.0</td>
<td>30000409</td>
<td>4854</td>
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<td>ELF3234</td>
<td>ELF3234 Cl1.0</td>
<td>30000859</td>
<td>4159</td>
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<tr>
<td>ELF3259</td>
<td>ELF3259 Cl1.0</td>
<td>30000860</td>
<td>2082</td>
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</table>

9. Specialized Counter Energy Meters- Conzerv™ DM52xx

9.1 *Conzerv™ DM52xx

- Accuracy Cl1.0, Cl0.5
- Pulse output – for effective WAGES tracking on EMS systems
- 3P4W & 3P3W wiring options

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Unit LP [t]</th>
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<tbody>
<tr>
<td>DM5240</td>
<td>Energy Meter 3P4W Cl1.0 POP</td>
<td>4030</td>
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<tr>
<td>DM5240</td>
<td>Energy Meter 3P4W Cl0.5 POP</td>
<td>4780</td>
</tr>
<tr>
<td>DM5230</td>
<td>Energy Meter 3P3W Cl1.0 POP</td>
<td>3780</td>
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<tr>
<td>DM5230</td>
<td>Energy Meter 3P3W Cl0.5 POP</td>
<td>4435</td>
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</table>

10. LCD Display Energy Meters & VAF+PF Meters

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

10.1 EM1000 / EM1200 Series

- Accuracy Cl0.5, Cl1.0
- 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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<tr>
<td>EM1200</td>
<td>EM1200 Cl0.5 RS</td>
<td>3002572</td>
<td>4170</td>
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<tr>
<td>EM1000</td>
<td>EM1000 Cl0.5 POP</td>
<td>3002571</td>
<td>3579</td>
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<tr>
<td>EM1200</td>
<td>EM1200 Cl1.0 RS</td>
<td>3002565</td>
<td>3436</td>
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<tr>
<td>EM1000</td>
<td>EM1000 Cl1.0 POP</td>
<td>3002568</td>
<td>2830</td>
</tr>
</tbody>
</table>
Please contact Customer Care Center for Stockable and Non stockable status of references.

10.2 DM 6100 Series – VAF, PF Meters
> Accuracy Cl0.5, Cl1.0
> DM6100 - VAF, PF meter
> DM6300 - VAF, PF meter with RS 485 port

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
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<tbody>
<tr>
<td>DM6300</td>
<td>DM6300 Cl0.5 RS</td>
<td>30002570</td>
<td>3452</td>
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<tr>
<td>DM6100</td>
<td>DM6100 Cl0.5</td>
<td>30002569</td>
<td>2724</td>
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<tr>
<td>DM6300</td>
<td>DM6300 Cl1.0 RS</td>
<td>30002566</td>
<td>3287</td>
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<tr>
<td>DM6100</td>
<td>DM6100 Cl1.0</td>
<td>30002567</td>
<td>2595</td>
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</table>

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
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</thead>
<tbody>
<tr>
<td>DM3210</td>
<td>Three phase Voltmeter Cl0.5</td>
<td>30002966</td>
<td>2414</td>
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<tr>
<td>DM3110</td>
<td>Three phase Ammeter Cl0.5</td>
<td>30002964</td>
<td>2414</td>
</tr>
<tr>
<td>DM1210</td>
<td>Single phase Voltmeter Cl0.5</td>
<td>30002962</td>
<td>1638</td>
</tr>
<tr>
<td>DM1110</td>
<td>Single phase Ammeter Cl0.5</td>
<td>30002961</td>
<td>1638</td>
</tr>
<tr>
<td>DM1310</td>
<td>Frequency meter Cl0.2</td>
<td>30002963</td>
<td>1247</td>
</tr>
</tbody>
</table>

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

12.1 Conzerv™ DM3000 / DM1000

Accuracy
> Volts & Amps - Cl 0.5/Cl1.0
> 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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
<th>Unit LP [₹]</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM3210</td>
<td>Three phase Voltmeter Cl0.5</td>
<td>30002462</td>
<td>1968</td>
</tr>
<tr>
<td>DM3110</td>
<td>Three phase Ammeter Cl0.5</td>
<td>30002461</td>
<td>1968</td>
</tr>
<tr>
<td>DM3210</td>
<td>Three phase Voltmeter Cl1.0</td>
<td>30002386</td>
<td>1572</td>
</tr>
<tr>
<td>DM3110</td>
<td>Three phase Ammeter Cl1.0</td>
<td>30002385</td>
<td>1572</td>
</tr>
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<td>DM1110</td>
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<td>Single phase Voltmeter Cl1.0</td>
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<tr>
<td>DM1110</td>
<td>Single phase Ammeter Cl1.0</td>
<td>30002365</td>
<td>989</td>
</tr>
<tr>
<td>DM1310</td>
<td>Single phase Frequency Cl0.2</td>
<td>30002367</td>
<td>989</td>
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</tbody>
</table>

Please contact Customer Care Center for Stockable and Non stockable status of references.
### Schneider Electric India Pvt. Ltd.

**Corporate Office:** 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

<table>
<thead>
<tr>
<th>City</th>
<th>Address</th>
<th>Tel.</th>
<th>Fax.</th>
</tr>
</thead>
</table>
| Ahmedabad    | Schneider Electric India (P) Ltd. 1506-1507, 15th Floor Shapath-5, 5G Highway, Ahmedabad - 380015  
Tel.: 079-66826701 |                                           |                                   |
| Bengaluru    | Schneider Electric India (P) Ltd. No. 3/1, JP Techno Park, Mezzanine Floor, Millers Tank Bund Road, Vasanth Nagar, Bengaluru - 560052.  
Tel.: 080-71481351 |                                           |                                   |
| Bhubaneswar  | Schneider Electric India (P) Ltd. 6th Floor, Block A, JSS Software Technology park, E 1/1, Chandaska Industrial Estate, Info City  
Bhubaneswar -751025  
Tel.: 0674-6672000 |                                           |                                   |
| Chandigarh   | Schneider Electric India (P) Ltd. 2nd Floor of Tower A  
Besitech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500 |                                           |                                   |
| Chennai      | Schneider Electric India (P) Ltd. No.29, 2nd floor, Bannari Amman Towers, B-Block,RK Salai, Mylapore  
Chennai - 600 004  
Tel.:044- 39404000 |                                           |                                   |
| Cochin       | Schneider Electric India (P) Ltd. 41 / 406-D1,3rd Floor, Beejay Towers, Rajaji Road Cochin- 682035  
Tel.:0484-3048401 |                                           |                                   |
| Coimbatore   | Schneider Electric India (P) Ltd. No. -104, Classic Tower, 3rd Floor, Trichi Road, Coimbatore- 641018  
Tel.:0422-3940400 |                                           |                                   |
| Ludhiana     | Schneider Electric India (P) Ltd. Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4666872-75 |                                           |                                   |
| Mumbai       | Schneider Electric India (P) Ltd. Marwah House, 2nd Floor, Krishanial Marwah Marg, Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300 |                                           |                                   |
| Nagpur       | Schneider Electric India (P) Ltd. Fortune Business Centre, 6, Basin Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581 |                                           |                                   |
| Nashik       | Schneider Electric India (P) Ltd. 401, 4th Floor Rishi Raj Towers, Jehan Circle, Ganganpur Road, Nashik- 422013  
Tel: +91-7620498557 |                                           |                                   |
| Pune         | Schneider Electric India (P) Ltd. 1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000 |                                           |                                   |

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**Customer Care Centre**

**Monday-Saturday, 9 a.m. to 8 p.m.**  
Toll-free numbers: 1800 419 4272, 1800 103 0011  
Email: customercare.in@schneider-electric.com

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For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices changed 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 %