

Life Is On

Schneider
Electric

DIGITAL

Energy

 PriceList

Power Monitoring Solutions Metering Products

With effect from January 18th, 2019



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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.

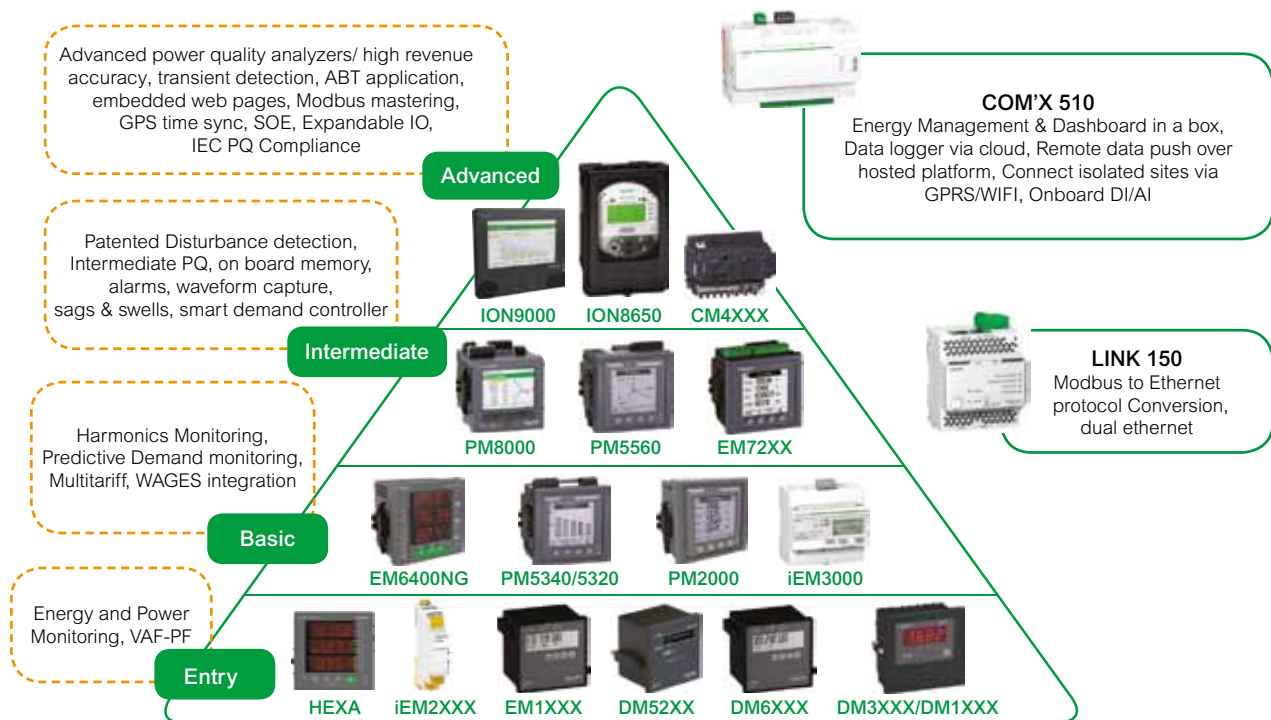


EcoStruxure™ Facility Expert- Onsite (FXO)

Your first step towards Energy Management

FXO for 50 Devices - LP INR - 40,698

Discover Our Power Monitoring Solutions



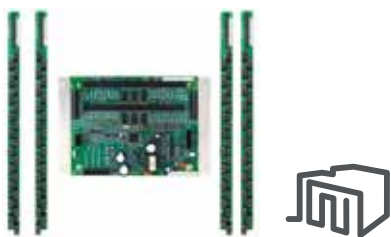
Insulation Monitoring for Ungrounded Networks

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



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

*Price on Request

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

*Price on Request

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

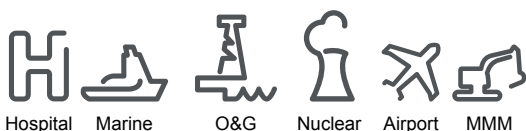
Level 1 : fault detection and signalling, manual fault location (all IMDs)

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



Hospital

Marine

O&G

Nuclear

Airport

MMM

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

NORMAL STOCK ITEMS

W.E.F. January 18th, 2019



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

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



2.1 PowerLogic™ ION9000

*Price on Request

- > 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.



Utility/ABT meter



8650

2.2 PowerLogic™ ION 8800 / 8650

*Price on Request

- > **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 *Price on Request

/ 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.

☑ NORMAL STOCK ITEMS

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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**

Product	Description	Reference	Unit LP [₹]
PM 5560	CI0.2S, 2 Ethernet + 1 RS485 Port, 4th CT, Webpage, 63rd Harmonic (magnitude & direction), 52 alarms, 4 DI, 2 DO, 8 multi tariff, 128 samples / cycle	30003008D	57645
PM 5340	CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle	30003007D	33393
PM 5320	CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 35 Alarms, Data logging, 64samples / cycle	30003005D	31124



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

Product	Description	Reference	Unit LP [₹]
EM 7290	Demand Controller CI0.2* with RS485 Port	30002975	46987
EM 7280	Demand Controller CI0.5S with RS485 Port	30002198	36654
EM 7230	Demand Controller CI1 with RS485 Port	30002055	33834

* Class 0.2S compliance available in 3ph,4w system

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

NORMAL STOCK ITEMS

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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, VA, 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	23117
PM2220	PM2220, LCD, RS485, Accuracy Cl1, 15th Ind.harmonics, 12am snap shot, kg CO2 and energy rate counters	METSEPM2220D	21267
PM2210	PM2210, LCD, Pulse Output, Accuracy Cl1, 12am snap shot, kg CO2 and energy rate counters	METSEPM2210D	15589
PM2130	PM2130, LED, RS485, Accuracy Cl0.5S, Ind. Harmonics up to 31st over communication, data logging	METSEPM2130D	22142
PM2K2DIDO*	Optional Digital IO card - 2 channel DI & DO for PM2000 Series	METSEPM2KDGTLIO22D	2627
PM2K1AIAO*	Optional Analog IO card - 1 channel AI & AO for PM2000 Series	METSEPM2KANLGIO11D	3114
PM2K2AIAO*	Optional Analog IO card - 2 channel AI & AO for PM2000 Series	METSEPM2KANLGIO22D	3794

* 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 over communication
- > **13 different wiring** configuration scheme
- > **Volts, Amps, PF, THD, F, W, Wh, VA, VAh, Var, Varh, Runhrs, 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

Product	Description	Reference	Unit LP [₹]
EM6400NG	Class accuracy C10.2, RS485 port	METSEEM6400NGRSL2	25823
EM6400NG	Class accuracy C10.5S, RS485 port	METSEEM6400NGRSL5	21572
EM6400NG	Class accuracy C11.0, RS485 port	METSEEM6400NGRSL1	<input checked="" type="checkbox"/> 17027
EM6400NG	Class accuracy C10.5S, POP	METSEEM6400NGPOCL5	14750
EM6400NG	Class accuracy C11.0, POP	METSEEM6400NGPOCL1	<input checked="" type="checkbox"/> 13354

Old EM6400 Reference	Equivalent EM6400NG Reference
30002021	METSEEM6400NGPOCL1
30002065	METSEEM6400NGPOCL1
30002072	METSEEM6400NGPOCL1
30002081	METSEEM6400NGPOCL1
30002022	METSEEM6400NGPOCL5
30002034	METSEEM6400NGPOCL5
30002049	METSEEM6400NGPOCL5
30002050	METSEEM6400NGPOCL5
30002064	METSEEM6400NGPOCL5
30002085	METSEEM6400NGPOCL5
30002088	METSEEM6400NGPOCL5
30002002	METSEEM6400NGRSL1
30002012	METSEEM6400NGRSL1
30002077	METSEEM6400NGRSL1
30002078	METSEEM6400NGRSL1
30002246	METSEEM6400NGRSL1
30002027	METSEEM6400NGRSL2
30002066	METSEEM6400NGRSL2
30002089	METSEEM6400NGRSL2
30002097	METSEEM6400NGRSL2
30002101	METSEEM6400NGRSL2
30002102	METSEEM6400NGRSL2
30002104	METSEEM6400NGRSL2
30002106	METSEEM6400NGRSL2
30002109	METSEEM6400NGRSL2
30002257	METSEEM6400NGRSL2
30002347	METSEEM6400NGRSL2
30002911	METSEEM6400NGRSL2

Old EM6400 Reference	Equivalent EM6400NG Reference
30002912	METSEEM6400NGRSL2
30002913	METSEEM6400NGRSL2
30002914	METSEEM6400NGRSL2
30002915	METSEEM6400NGRSL2
30002916	METSEEM6400NGRSL2
30002917	METSEEM6400NGRSL2
30002918	METSEEM6400NGRSL2
30002919	METSEEM6400NGRSL2
30002920	METSEEM6400NGRSL2
30002921	METSEEM6400NGRSL2
30002922	METSEEM6400NGRSL2
30002923	METSEEM6400NGRSL2
30002924	METSEEM6400NGRSL2
30002925	METSEEM6400NGRSL2
30002001	METSEEM6400NGRSL5
30002019	METSEEM6400NGRSL5
30002036	METSEEM6400NGRSL5
30002040	METSEEM6400NGRSL5
30002041	METSEEM6400NGRSL5
30002042	METSEEM6400NGRSL5
30002051	METSEEM6400NGRSL5
30002056	METSEEM6400NGRSL5
30002057	METSEEM6400NGRSL5
30002069	METSEEM6400NGRSL5
30002082	METSEEM6400NGRSL5
30002083	METSEEM6400NGRSL5

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

NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

5. India's Most Trusted, Reliable and Accurate Multifunction Meters



NEW

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.

Product	Description	Reference	Unit LP [₹]
PM1130H	EASYLOGIC PM1130H Dual Source Power & Energy Meter, Class accuracy 0.5, 01 Relay Contact, 01 RS485 port	METSEPM1130HCL05RD	14858
EM6438H	CONZERV EM6438H Dual Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6438HCL05RS	7333
EM6438H	CONZERV EM6438H Dual Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6438HCL10RS	<input checked="" type="checkbox"/> 6808
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6436HCL05RS	11157
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6436HCL10RS	<input checked="" type="checkbox"/> 9719
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 1.0	METSEEM6436HCL10NC	8315
EM6433H	CONZERV EM6433H A+ Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6433HCL05RS	6801
EM6433H	CONZERV EM6433H A+ Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6433HCL10RS	<input checked="" type="checkbox"/> 6407
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6459HCL05RS	7190
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6459HCL10RS	<input checked="" type="checkbox"/> 6778
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0	METSEEM6459HCL10NC	5269

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	METSEEM6436HCL10RS
30002892	METSEEM6436HCL10RS
30001994	METSEEM6436HCL10NC
30002295	METSEEM6436HCL10NC
30002893	METSEEM6436HCL10NC
30002015	METSEEM6436HCL05RS
30002203	METSEEM6436HCL05RS
30002204	METSEEM6436HCL05RS
30002205	METSEEM6436HCL05RS
30002201	METSEEM6436HCL05RS

Old EM64xx Reference	Equivalent Hexa Reference
30002930	METSEEM6436HCL05RS
30002931	METSEEM6436HCL05RS
30002932	METSEEM6436HCL05RS
30002933	METSEEM6436HCL05RS
30002016	METSEEM6433HCL10RS
30002031	METSEEM6433HCL10RS
30002000	METSEEM6433HCL05RS
30002336	METSEEM6433HCL05RS
30002436	METSEEM6433HCL05RS
30002926	METSEEM6433HCL05RS
30002927	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.

NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

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.



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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 conform 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 CI 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

Product	Description	Reference	Unit LP [₹]
PM 3255	Din rail Power meter Modbus	METSEPM3255	15916
PM 3210	Din rail Power meter pulse	METSEPM3210	14505

6.2 PowerLogic™ iEM3000 Series Class Meters - LV Distribution



iEM31xx: 63A direct connect - CI1.0
iEM32xx: 1A / 5A CT connect - CI0.5S
iEM33xx: 125A direct connect - CI1.0



iEM2010

iEM3110
iEM3210
iEM3310

- > Total kWh
- > Partial kWh + date and time of last reset
- > Pulse output up to 1000pulse/kWh
- > 1 Digital Out
- > Date and time of last reset
- > MID legal metrology certification

iEM3150
iEM3250
iEM3350

- > Modbus
- > Total kWh
- > Partial kWh + date and time of last reset
- > Self powered
- > By communication: kWh, A, V, kW, PF

iEM3165, 3175
iEM3265, 3275

- > 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
- > 1 DI for circuit breaker status, input WAGES, 1 DO

iEM 33xx - CI1.0 , Direct current 125 A , Din Rail Meter

Product	Description	Reference	Unit LP [₹]
iEM33xx	Three Phase, 125A Direct Current, Lonwork	A9MEM3375	20872
iEM33xx	Three Phase, 125A Direct Current, BACnet	A9MEM3365	19396
iEM33xx	Three Phase, 125A Direct Current, Modbus	A9MEM3350	16504
iEM33xx	Three Phase, 125A Direct Current, PulseO/P	A9MEM3310	15571

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

Product	iEM 32xx CI0.5S CT		iEM 31xx CI1.0 - Direct current	
	Reference	Unit LP [₹]	Reference	Unit LP [₹]
iEM 3x65	A9MEM3265	16813	A9MEM3165	16312
iEM 3x55	A9MEM3255	11785	A9MEM3155	13020
iEM 3x50	A9MEM3250	11050	A9MEM3150	12289
iEM 3x10	A9MEM3210	10123	A9MEM3110	11250

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

NORMAL STOCK ITEMS

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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

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

LINK150 Protocol Converter



- > Protocol Converter from Modbus RS485 to TCP/IP
- > Two (2) Ethernet ports for daisy chain Ethernet
- > Setup through built-in web pages
- > HTTP, HTTPS, FTP, SMTP, IPV6 Support
- > 24V DC and/or POE power supply

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	Wi-fi USB stick for Com'X	EBXA-USB-WIFI	4048

7.2 Ethernet – TCP/IP Protocol Meters & Accessories

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

Accessories for Power Monitoring

Description	Reference	Unit LP [₹]
Adaptor Plate 144X144 mm	30000089	86
ELF adaptor plate	30001808	54
DM52XX Tamper protection kit - Set of 36 nos in 01 KIT	METSDEM5240TK	1,003

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 C11.0, C10.5
- > 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

Product	Description	Reference	Unit LP [₹]
ELF3234-3	ELF3234-3 C10.5	30000619	6381
ELF3234	ELF3234 C10.5	30000621	5461
ELF3259	ELF3259 C10.5	30000620	2741
ELF3234-3	ELF3234-3 C11.0	30000409	5097
ELF3234	ELF3234 C11.0	30000859	4367
ELF3259	ELF3259 C11.0	30000860	2186

9. Specialized Counter Energy Meters- Conzerv™ DM52xx



9.1 *Conzerv™ DM52xx

- > Accuracy C11.0, C10.5
- > Pulse output – for effective WAGES tracking on EMS systems
- > 3P4W & 3P3W wiring options

Product	Description	Unit LP [₹]
DM5240	Energy Meter 3P4W C11.0 POP <input checked="" type="checkbox"/>	4191
DM5240	Energy Meter 3P4W C10.5 POP	4971
DM5230	Energy Meter 3P3W C11.0 POP	3931
DM5230	Energy Meter 3P3W C10.5 POP	4612

*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 C10.5, C11.0
- > **Parameters** - KW, kWh & PF
- > **Pulse output** - for basic tracking on EMS systems
- > **RS 485** - for native integration into EMS

Product	Description	Reference	Unit LP [₹]
EM1200	EM1200 C10.5 RS	30002572	4295
EM1000	EM1000 C10.5 POP	30002571	3686
EM1200	EM1200 C11.0 RS <input checked="" type="checkbox"/>	30002565	3539
EM1000	EM1000 C11.0 POP <input checked="" type="checkbox"/>	30002568	2915

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NORMAL STOCK ITEMS

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10.2 DM 6100 Series – VAF, PF Meters

- > Accuracy CI0.5, CI1.0
- > **DM6100** - VAF, PF meter
- > **DM6300** - VAF, PF meter with RS 485 port

Product	Description	Reference		Unit LP [₹]
DM6300	DM6300 CI0.5 RS	30002570		3556
DM6100	DM6100 CI0.5	30002569		2806
DM6300	DM6300 CI1.0 RS	30002566		3386
DM6100	DM6100 CI1.0	30002567	☑	2673

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

Product	Description	Reference		Unit LP [₹]
DM3210	Three phase Voltmeter CI0.5	30002965		2486
DM3110	Three phase Ammeter CI0.5	30002964		2486
DM1210	Single phase Voltmeter CI0.5	30002962		1687
DM1110	Single phase Ammeter CI0.5	30002961		1687
DM1310	Frequency meter CI0.2	30002963		1284

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

Product	Description	Reference		Unit LP [₹]
DM3210	Three phase Voltmeter CI0.5	30002462	☑	2027
DM3110	Three phase Ammeter CI0.5	30002461	☑	2027
DM3210	Three phase Voltmeter CI1.0	30002386	☑	1619
DM3110	Three phase Ammeter CI1.0	30002385	☑	1619
DM1210	Single phase Voltmeter CI0.5	30002460	☑	1372
DM1110	Single phase Ammeter CI0.5	30002459	☑	1372
DM1210	Single phase Voltmeter CI1.0	30002366	☑	1019
DM1110	Single phase Ammeter CI1.0	30002365	☑	1019
DM1310	Single phase Frequency CI0.2	30002367	☑	1019

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