

Life Is On

Schneider
Electric



 PriceList

Power Monitoring Solutions Metering Products

With effect from March 12, 2018



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NORMAL STOCK ITEMS

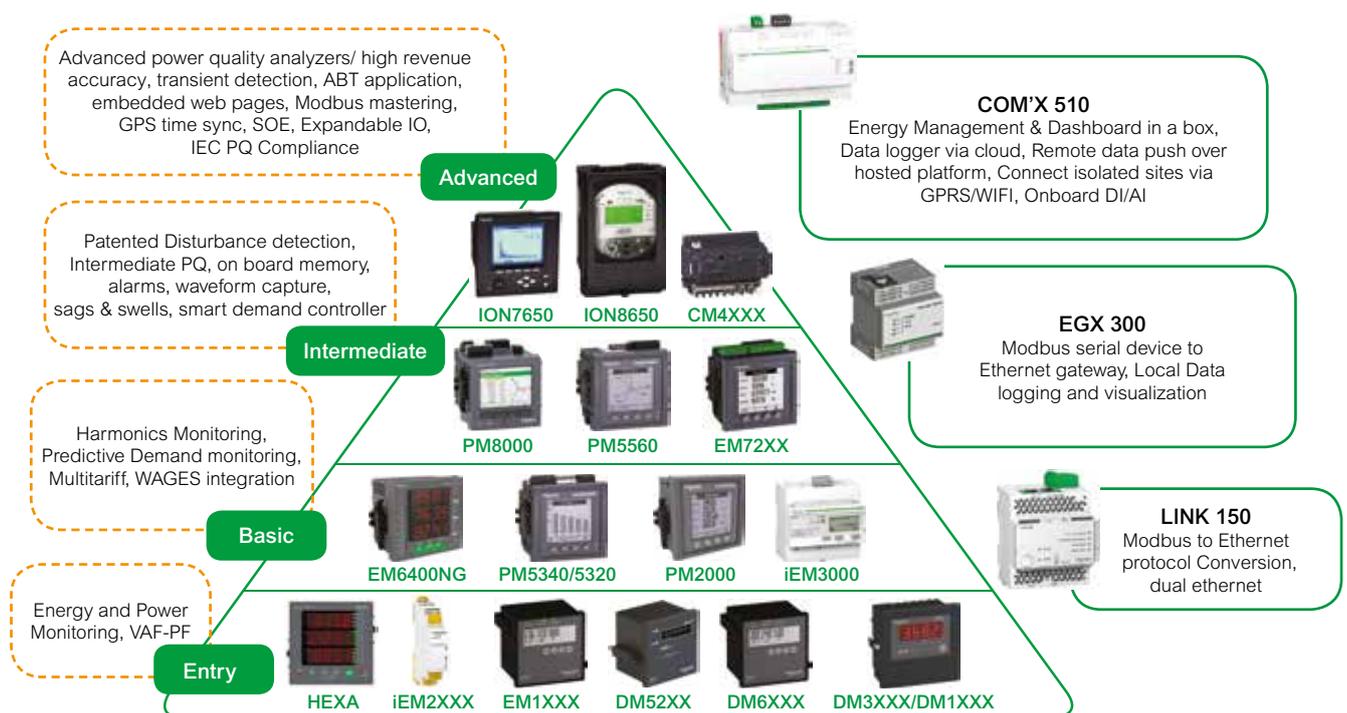


EcoStruxure™ Facility Expert- Onsite (FXO)

Your first step towards Energy Management

Please contact your sales representative for more details and ordering.

Discover Our Power Monitoring Solutions



NORMAL STOCK ITEMS

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

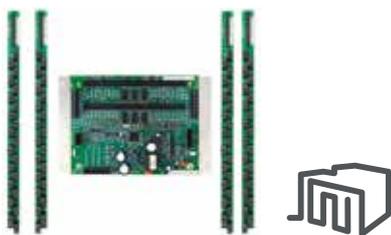
Drive energy efficiency initiatives and improve financial performance

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1. Tailored Offers for Specific Applications and Segments

Branch Circuit Power Monitor

*Price on Request



- > 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



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

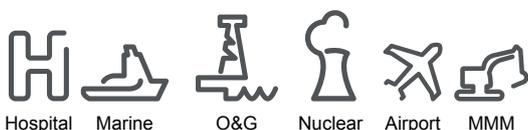
Level 1 : fault detection and signalling, manual fault location (all IMDs)

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

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



Utility/ABT meter



8650

DLMS

2.1 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.



2.2 PowerLogic™ ION 7650 / 7550

*Price on Request

- > **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 ed. 2, 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 *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



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

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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	54382
PM 5340	CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle	30003007D	32109
PM 5320	CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 35 Alarms, Data logging, 64samples / cycle	30003005D	29927
PM 5330	CI0.5S, RS485 Port, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle	30003006D	26404

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	46066
EM 7280	Demand Controller CI0.5S with RS485 Port	30002198	35935
EM 7230	Demand Controller CI1 with RS485 Port	30002055	33171

* 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 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	22228
PM2220	PM2220, LCD, RS485, Accuracy Cl1, 15th Ind.harmonics, 12am snap shot, kg CO2 and energy rate counters	METSEPM2220D	20449
PM2210	PM2210, LCD, 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	METSEPM2KDGTLIO22D	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.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	25022
EM6400NG	Class accuracy C10.5S, RS485 port	METSEEM6400NGRSL5	20903
EM6400NG	Class accuracy C11.0, RS485 port	METSEEM6400NGRSL1	<input checked="" type="checkbox"/> 16499
EM6400NG	Class accuracy C10.5S, POP	METSEEM6400NGPOCL5	14293
EM6400NG	Class accuracy C11.0, POP	METSEEM6400NGPOCL1	<input checked="" type="checkbox"/> 12940

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. March 12, 2018

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	14369
EM6438H	CONZERV EM6438H Dual Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6438HCL05RS	7092
EM6438H	CONZERV EM6438H Dual Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6438HCL10RS	<input checked="" type="checkbox"/> 6584
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6436HCL05RS	10790
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6436HCL10RS	<input checked="" type="checkbox"/> 9399
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 1.0	METSEEM6436HCL10NC	8042
EM6433H	CONZERV EM6433H A+ Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6433HCL05RS	6577
EM6433H	CONZERV EM6433H A+ Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6433HCL10RS	<input checked="" type="checkbox"/> 6196
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6459HCL05RS	6954
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6459HCL10RS	<input checked="" type="checkbox"/> 6555
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0	METSEEM6459HCL10NC	5096

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. March 12, 2018

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	15304
PM 3210	Din rail Power meter pulse	METSEPM3210	13947

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

- | | | |
|--|---|---|
| <p>iEM3110
iEM3210
iEM3310</p> <ul style="list-style-type: none"> > 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 | <p>iEM3150
iEM3250
iEM3350</p> <ul style="list-style-type: none"> > Modbus > Total kWh > Partial kWh + date and time of last reset > Self powered > By communication: kWh, A, V, kW, PF | <p>iEM3165, 3175
iEM3265, 3275</p> <ul style="list-style-type: none"> > 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	20069
iEM33xx	Three Phase, 125A Direct Current, BACnet	A9MEM3365	18650
iEM33xx	Three Phase, 125A Direct Current, Modbus	A9MEM3350	15869
iEM33xx	Three Phase, 125A Direct Current, PulseO/P	A9MEM3310	14972

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	16166	A9MEM3165	15685
iEM 3x55	A9MEM3255	11332	A9MEM3155	12519
iEM 3x50	A9MEM3250	10625	A9MEM3150	11816
iEM 3x10	A9MEM3210	9734	A9MEM3110	10817

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

Product	Description	Reference	Unit LP [₹]
iEM 2010	Single Phase Energy Meter upto 40A, POP with counter display	A9MEM2010	5043

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

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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

EGX300 – Gateway Device



- > 1 Ethernet port (10/100 Base T)
- > Inbuilt web dashboard
- > Custom web page Support
- > Real-time trending
- > Device discovery
- > TCP/IP, SNMP, SNT, SMTP protocol
- > Aux Supply 24 V DC

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 [₹]
ComX'510	Energy Gateway Server – EMS in a BOX	EBX510	43939
EGX300	Gateway Server	30002885	28213
Link150	Protocol Converter	EGX150	27219
Wi-fi USB Stick	Wi-fi USB stick for Com'X	EBXA-USB-WiFi	3892
GPRS	GPRS modem without SIM for Com'X	EBXA-GPRS	5353
GPRS Antenna	External GPRS antenna for Com'X	EBXA-ANT-5M	3171

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	54382
PM 5340	One Ethernet port, 2 Digital Inputs, 2 Digital Outputs, 2 Relays	30003007D	32109
PM 5320	One Ethernet port, 2 Digital Inputs, 2 Digital Outputs	30003005D	29927

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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	6077
ELF3234	ELF3234 C10.5	30000621	5201
ELF3259	ELF3259 C10.5	30000620	2610
ELF3234-3	ELF3234-3 C11.0	30000409	4854
ELF3234	ELF3234 C11.0	30000859	4159
ELF3259	ELF3259 C11.0	30000860	2082

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"/>	4030
DM5240	Energy Meter 3P4W C10.5 POP		4780
DM5230	Energy Meter 3P3W C11.0 POP		3780
DM5230	Energy Meter 3P3W C10.5 POP		4435

*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	4170
EM1000	EM1000 C10.5 POP	30002571	3579
EM1200	EM1200 C11.0 RS	30002565	3436
EM1000	EM1000 C11.0 POP	30002568	2830

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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		3452
DM6100	DM6100 CI0.5	30002569		2724
DM6300	DM6300 CI1.0 RS	30002566		3287
DM6100	DM6100 CI1.0	30002567	☑	2595

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		2414
DM3110	Three phase Ammeter CI0.5	30002964		2414
DM1210	Single phase Voltmeter CI0.5	30002962		1638
DM1110	Single phase Ammeter CI0.5	30002961		1638
DM1310	Frequency meter CI0.2	30002963		1247

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	☑	1968
DM3110	Three phase Ammeter CI0.5	30002461	☑	1968
DM3210	Three phase Voltmeter CI1.0	30002386	☑	1572
DM3110	Three phase Ammeter CI1.0	30002385	☑	1572
DM1210	Single phase Voltmeter CI0.5	30002460	☑	1332
DM1110	Single phase Ammeter CI0.5	30002459	☑	1332
DM1210	Single phase Voltmeter CI1.0	30002366	☑	989
DM1110	Single phase Ammeter CI1.0	30002365	☑	989
DM1310	Single phase Frequency CI0.2	30002367	☑	989

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Life Is 

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