

EasyLogic™ Power metering Panorama

A complete range of meters for essential electrical system measurement.



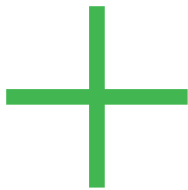
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Life Is On

Schneider
Electric

EasyLogic™ meters

The easy choice for performance, quality, and value



- Performance without compromise - exceptional reliability in its class
- Assured quality that you can trust to meet your needs throughout its lifecycle
- Outstanding value for an optimized feature set
- Simple to choose and easy to install and use for many applications

Panorama of the EasyLogic™ range



Family	PM2000		PM2200R	EM1000H
Parameters	PM2100 (LED)	PM2200 (LCD)	PM2200R	EM1220H / EM1250H
Amps: per phase & 3-ph avg	■	■	■	■ / -
Volts: per phase & 3-ph avg	■	■	■	■ / -
Frequency	■	■	■	■ / -
Power Factor per phase & 3-ph avg	■	■	■	■
W per phase & 3-ph total, Wh	■	■	■	■
VAR per phase & 3-ph total, VARh	■	■	■	□ * / ■
VA per phase & 3-ph total, VAh	■	■	■	□ * / ■
Class of Accuracy*	1.0 active (0.5S PM2x30) 1.0 reactive	1.0 active (0.5S PM2x30) 1.0 reactive	1.0 active (0.5S PM2x30R) 1.0 reactive	Active - Cl 1.0, Cl 0.5 / Cl 1.0 Reactive - Cl 2.0 / Cl 2.0
2 DI / 2 DO or 2 DI / 2 RO (optional)	(PM2130)	(PM2230)	(PM2230R)	
2 AI / 2 AO (optional)	(PM2130)	(PM2230)	(PM2230R)	
RS-485 Modbus RTU	■	■	■	■
CT Secondary I nominal	5 A or 1 A	5 A or 1 A	LVCT	5 A or 1 A
Control Power	48 - 277 V AC / DC ±10%**	48 - 277 V AC / DC ±10%**	48 - 277 V AC / DC ±10%**	48 - 277 V AC / DC ±10% or 9 - 36 V DC (option)
Form Factor in mm	96x96x54	96x96x54	96x96x54	96x96x49
With IO module	96x96x72	96x96x72	96x96x72	
Mounting	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel
Simple energy cost management				
Data aggregation	■	■	■	■
Load profile	■	■	■	■
Bill verification	■	■	■	■
Cost allocation	■	■	■	■
Basic network management				
Panel instrumentation	■	■	■	■
Power metering	■	■	■	■
Basic harmonic monitoring	■	■	■	
Status monitoring	■	■	■	
Threshold alarming	■	■	■	
Monitoring and verification				
Test bench	■	■	■	■
Genset	■	■	■	■
PF Improvement panel	■	■	■	■
Labs / OEMs	■	■	■	■
Commercial reference numbers (Link to product information)	METSEPM2110 METSEPM2120 METSEPM2130	METSEPM2210 METSEPM2220 METSEPM2230	METSEPM2210R METSEPM2220R METSEPM2230RCL05	METSEEM1220HCL10RS METSEEM1220HCL05RS METSEEM1250HCL1 METSEEM1220HCL1 METSEEM1220HCL5 METSEEM1220HCL5LVD

* Refer data sheet for operating range.

□* One power vector at a time (W/Wh or VA/VAh or VAR/ VARh in EM1220H).

** 80 - 277 V AC ±10% for PM2x30.

Panorama of the EasyLogic™ range



Family	PM1000H		PM1130H	PM1230H
Parameters	PM1120H / PM1125H	PM1225H	PM1130H (LED)	PM1230H (LCD)
Amps: per phase & 3-ph avg	■	■	■	■
Volts: per phase & 3-ph avg	■	■	■	■
Frequency	■	■	■	■
Power Factor per phase & 3-ph avg	■	■	■	■
W per phase & 3-ph total, Wh	□ / ■	■	■	■
VAR per phase & 3-ph tota, VARh	□ / ■	■	□	□
VA per phase & 3-ph total, VAh	□ / ■	■	□	□
Display type	LED	LCD	LED	LCD
Class of Accuracy*	1.0 active (0.5 optional)	1.0 active (0.5 optional)	0.5 active	1.0 active (0.5 optional)
Control Power	48 - 277 V AC / DC ±10% or 9 - 36 V DC (option)	48 - 277 V AC / DC ±10% or 9 - 36 V DC (option)	60 - 277 V AC / DC ±10%	60 - 277 V AC / DC ±10% or 9 - 36 V DC (option)
RS-485 Modbus RTU	■	■	■	■
CT Secondary I nominal	5 A or 1 A	5 A or 1 A	5 A or 1 A	5 A or 1 A
Form Factor in mm	96x96x49	96x96x49	96x96x52	96x96x52
Relay			1	1
Mounting	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel
Simple energy cost management				
Data aggregation	■	■	■	■
Load profile				
Bill verification	■	■	■	■
Cost allocation	■	■	■	■
Basic network management				
Panel instrumentation	■	■	■	■
Power metering	■	■	■	■
Basic harmonic monitoring	■	■	■	■
Status monitoring				
Threshold alarming			■	■
Monitoring and verification				
Test bench	■	■	■	■
Genset	■	■	■	■
PF Improvement panel	■	■	■	■
Labs / OEMs	■	■	■	■
Commercial reference numbers (Link to product information)	METSEPM1120HCL10RS METSEPM1120HCL05RS METSEPM1125HCL10RS METSEPM1125HCL05RD METSEPM1125HCL1LVD METSEPM1125HCL5LVD	METSEPM1225HCL1 METSEPM1225HCL5 METSEPM1225HCL1LVD METSEPM1225HCL5LVD	METSEPM1130HCL05RS	METSEPM1230HCL1 METSEPM1230HCL5LVD

* Refer data sheet for operating range

□ One power vector at a time (W/Wh or VA/VAh or VAR/ VARh in PM1120H, PM1130H and PM1230H)

Panorama of the EasyLogic™ range



Family	DM1000			DM3000		DM6xx0H	
Parameters	DM1110	DM1210	DM1310	DM3110	DM3210	DM6000H	DM62X0H
Amps: per phase & 3-ph avg	1-ph			3-ph (per ph)		■	■
Volts: per phase & 3-ph avg		1-ph			3-ph (per ph)	■	■
Frequency			■			■	■
Power Factor per phase & 3-ph avg						■	■
CT Secondary I nominal	5 A or 1 A			5 A or 1 A		5 A or 1 A	5 A or 1 A
Class of Accuracy	0.5	0.5	0.2	0.5	0.5	1	1
Control power	48 - 277 V AC / DC ±10%	48 - 277 V AC / DC ±10%	48 - 277 V AC / DC ±10%	48 - 277 V AC / DC ±10%	48 - 277 V AC / DC ±10%	48 - 277 V AC / DC ±10%	48 - 277 V AC / DC ±10% or 9 - 36 V DC (option)
RS-485 Modbus RTU							■
Display type	LED	LED	LED	LED	LED	LED	LED (DM6200H) LCD (DM6220H)
Form Factor in mm (LengthxWidthxDepth)	96x96x44	96x96x44	96x96x44	96x96x44	96x96x44	96x96x49	96x96x49
Mounting	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel

Simple energy cost management

Data aggregation							■
Load profile							
Bill verification							
Cost allocation							

Basic network management

Panel instrumentation	■	■	■	■	■	■	■
Power metering							
Basic harmonic monitoring							
Status monitoring							
Threshold alarming							

Monitoring and verification

Test bench	■	■	■	■	■	■	■
Genset	■	■	■	■	■	■	■
PF Improvement panel						■	■
Labs / OEMs	■	■	■	■	■	■	■
Commercial reference numbers starts with METSE***	DM1110	DM1210	DM1310	DM3110	DM3210	DM6000HCL10NC	DM6200HCL10RS DM6220HCL1 DM6220HCL1LVD

EasyLogic™ Commercial Reference Numbers

Comm. reference number	Description
PM2000 series	
METSEPM2110	PM2110 CI 1.0 Pulse output power and energy meter LED display
METSEPM2120	PM2120 CI 1.0 RS-485 power and energy meter LED display
METSEPM2125C2AI2AO	PM2125C CI 0.5S RS-485 power and energy meter 2-AI 2-AO LED display
METSEPM2125C2DI2RO	PM2125C CI 0.5S RS-485 power and energy meter 2-DI 2-RO LED display
METSEPM2130	PM2130 CI 0.5S RS-485 CI power and energy meter LED display
METSEPM2210	PM2210 CI 1.0 Pulse output power and energy meter LCD display
METSEPM2220	PM2220 CI 1.0 RS-485 power and energy meter LCD display
METSEPM2225C2AI2AO	PM2225C CI 0.5S RS-485 power and energy meter 2-AI 2-AO LCD display
METSEPM2225C2DI2RO	PM2225C CI 0.5S RS-485 power and energy meter 2-DI 2-RO LCD display
METSEPM2230	PM2230 CI 0.5S RS-485 CI power and energy meter LCD display
PM2000 IO Modules - site configurable	
METSEPM2KDGTLIO22	PM2x30 Digital IO Module with 2 channels each
METSEPM2KANLGIO22	PM2x30 Analog IO module with 2 channels each
METSEPM2KANLGIO11	PM2x30 Analog IO module with 1 channel each
METSEPM2K2DI2RO	PM2x30 Digital Input and Relay Output Module with 2 channels each
PM2000R series	
METSEPM2210R	PM2210R CI 1.0 Pulse output power and energy meter RSJ45 LVCT LCD display
METSEPM2220R	PM2220R CI 1.0 RS-485 power and energy meter RSJ45 LVCT LCD display
PM2200R series	
LVCT Solid 3 in 1 RJ45	
METSECTV25006	LVCT Solid core 3 in 1 with RJ45 cable, 25 mm phase center, 60 Amps, 0.333V output, Class 1.0
METSECTV25010	LVCT Solid core 3 in 1 with RJ45 cable, 25 mm phase center, 100 Amps, 0.333V output, Class 1.0
METSECTV25013	LVCT Solid core 3 in 1 with RJ45 cable, 25 mm phase center, 125 Amps, 0.333V output, Class 1.0
METSECTV25016	LVCT Solid core 3 in 1 with RJ45 cable, 25 mm phase center, 160 Amps, 0.333V output, Class 1.0
METSECTV35006	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 60 Amps, 0.333V output, Class 1.0
METSECTV35010	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 100 Amps, 0.333V output, Class 1.0
METSECTV35012	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 120 Amps, 0.333V output, Class 1.0
METSECTV35013	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 125 Amps, 0.333V output, Class 1.0
METSECTV35015	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 150 Amps, 0.333V output, Class 1.0
METSECTV35016	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 160 Amps, 0.333V output, Class 1.0
METSECTV35020	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 200 Amps, 0.333V output, Class 1.0
METSECTV35025	LVCT Solid core 3 in 1 with RJ45 cable, 35 mm phase center, 250 Amps, 0.333V output, Class 1.0
METSECTV45025	LVCT Solid core 3 in 1 with RJ45 cable, 45 mm phase center, 250 Amps, 0.333V output, Class 1.0
METSECTV45030	LVCT Solid core 3 in 1 with RJ45 cable, 45 mm phase center, 300 Amps, 0.333V output, Class 1.0
METSECTV45040	LVCT Solid core 3 in 1 with RJ45 cable, 45 mm phase center, 400 Amps, 0.333V output, Class 1.0
METSECTV45050	LVCT Solid core 3 in 1 with RJ45 cable, 45 mm phase center, 500 Amps, 0.333V output, Class 1.0
METSECTV45060	LVCT Solid core 3 in 1 with RJ45 cable, 45 mm phase center, 600 Amps, 0.333V output, Class 1.0
METSECTV45063	LVCT Solid core 3 in 1 with RJ45 cable, 45 mm phase center, 630 Amps, 0.333V output, Class 1.0
METSECTV29006	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 60 Amps, 0.333V output, Class 1.0
METSECTV29010	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 100 Amps, 0.333V output, Class 1.0
METSECTV29012	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 120 Amps, 0.333V output, Class 1.0
METSECTV29013	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 125 Amps, 0.333V output, Class 1.0
METSECTV29015	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 150 Amps, 0.333V output, Class 1.0
METSECTV29016	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 160 Amps, 0.333V output, Class 1.0
METSECTV29020	LVCT Solid core 3 in 1 with RJ45 cable, 29 mm phase center, 200 Amps, 0.333V output, Class 1.0
METSECTV70080	LVCT Solid core 3 in 1 with RJ45 cable, 70 mm phase center, 800 Amps, 0.333V output, Class 1.0
METSECTV70100	LVCT Solid core 3 in 1 with RJ45 cable, 70 mm phase center, 1000 Amps, 0.333V output, Class 1.0
METSECTV70125	LVCT Solid core 3 in 1 with RJ45 cable, 70 mm phase center, 1250 Amps, 0.333V output, Class 1.0

Please contact your Schneider Electric representative for complete ordering information.

EasyLogic™ Commercial Reference Numbers (contd.)

Comm. reference number	Description
Cables	
DCEPCURJX5GYM	Category 5e, Patch Cord, UTP, 0.5 M, Grey
DCEPCURJ01GYM	Category 5e, Patch Cord, UTP, 1 M, Grey
DCEPCURJ02GYM	Category 5e, Patch Cord, UTP, 2 M, Grey
DCEPCURJ03GYM	Category 5e, Patch Cord, UTP, 3 M, Grey
DCEPCURJ05GYM	Category 5e, Patch Cord, UTP, 5 M, Grey
DCEPCURJ10GYM	Category 5e, Patch Cord, UTP, 10 M, Grey
EM1000H	
METSEEM1250HCL1	EM1250H CI 1.0 RS-485 energy meter LCD display
METSEEM1220HCL1	EM1220H CI 1.0 RS-485 energy meter LCD display
METSEEM1220HCL5	EM1220H CI 0.5 RS-485 energy meter LCD display
METSEEM1220HCL5LVD	EM1220H CI 0.5 RS-485 energy meter LCD display LVDC control power
PM1000H series	
METSEPM1120HCL10RS	PM1120H CI 1.0 RS-485 power meter LED display
METSEPM1120HCL05RS	PM1120H CI 0.5 RS-485 power meter LED display
METSEPM1125HCL10RS	PM1125H CI 1.0 RS-485 multi-function power meter LED display
METSEPM1125HCL05RD	PM1125H CI 0.5 RS-485 multi-function power meter LED display
METSEPM1125HCL1LVD	PM1125H CI 1.0 RS-485 multi-function power meter LED display LVDC control power
METSEPM1125HCL5LVD	PM1125H CI 0.5 RS-485 multi-function power meter LED display LVDC control power
METSEPM1225HCL1	PM1225H CI 1.0 RS-485 multi-function power meter LCD display
METSEPM1225HCL5	PM1225H CI 0.5 RS-485 multi-function power meter LCD display
METSEPM1225HCL1LVD	PM1225H CI 1.0 RS-485 multi-function power meter LCD display LVDC control power
METSEPM1225HCL5LVD	PM1225H CI 0.5 RS-485 multi-function power meter LCD display LVDC control power
PM1130H / PM1230H series	
METSEPM1130HCL05RS	PM1130H CI 0.5 RS-485 dual source energy meter LED display
METSEPM1230HCL1	PM1230H CI 1.0 RS-485 dual source energy meter LCD display
METSEPM1230HCL5	PM1230H CI 0.5 RS-485 dual source energy meter LCD display
METSEPM1230HCL5LVD	PM1230H CI 0.5 RS-485 dual source energy meter LCD display LVDC control power
DM1000 series	
METSEDM1110	DM1110 Class 0.5 1-phase Ammeter
METSEDM1210	DM1210 Class 0.5 1-phase Voltmeter
METSEDM1310	DM1310 Class 0.2 1-phase Frequency meter
DM3000 series	
METSEDM3110	DM3110 Class 0.5 3-phase Ammeter
METSEDM3210	DM3210 Class 0.5 3-phase Voltmeter
DM6x0H series	
METSEDM6000HCL10NC	DM6000H Class 1.0 VAF PF meter LED display
METSEDM6200HCL10RS	DM6200H Class 1.0 RS-485 VAF PF meter LED display
METSEDM6220HCL1	DM6220H Class 1.0 RS-485 VAF PF meter LCD display
METSEDM6220HCL1LVD	DM6220H Class 1.0 RS-485 VAF PF meter LCD display LVDC control power
IP65 Accessory kit	
METSEIP65OP96X96FD	IP65 Accessory kit for 96x96 mm form factor power meter (for India)
METSEIP65OP96X96FF	IP65 Accessory kit for 96x96 mm form factor power meter (for global)
IP54 Gasket	
METSEIP54GK96X96FD	IP54 gasket for 96 mm x 96 mm form factor power meter (for India)
METSEIP54GK96X96FF	IP54 gasket for 96 mm x 96 mm form factor power meter (for global)

Please contact your Schneider Electric representative for complete ordering information.



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EasyLogic™ Power Metering Panorama
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As standards, specifications and designs develop from time to time, please
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Over 75 % of Schneider Electric products
have been awarded the Green Premium ecolabel.

