

# EasyLogic™ Power metering Panorama

A complete range of meters for essential electrical system measurement



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# 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

## Digital Panel Meters



Family	DM1000			DM3000		DM6000H	
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
RS-485 Modbus RTU							■
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	■	■	■	■	■	■	■
<b>Commercial reference numbers</b>	METSEDM1110	METSEDM1210	METSEDM1310	METSEDM3110	METSEDM3210	METSEDM6000HCL10NC	METSEDM6200 HCL10RS (LED) METSEDM6220HCL1 (LCD)

# Panorama of the EasyLogic™ range

## Power & Energy Meters



Family	PM1120H/ EM1250H	PM1130H	PM2100 LED	PM2200 LCD	PM2200R
<b>Parameters</b>					
Amps: per phase & 3-ph avg	■	■	■	■	■
Volts: per phase & 3-ph avg	■	■	■	■	■
Frequency	■	■	■	■	■
Power Factor per phase & 3-ph avg	■	■	■	■	■
W, Wh	■ ●	■	■	■	■
VAR, VARh	□ ●	□	■	■	■
VA, VAh	□ ●	□	■	■	■
DI/DO (optional)			2 (PM2130)	2 (PM2230)	2 (PM2230R)
Class of Accuracy*	1.0 active (0.5 optional)	1.0 active (0.5 optional)	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
Analog IO A (optional)			2 (PM2130)	2 (PM2230)	2 (PM2230R)
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	LVCT
Form Factor in mm	96x96x49	96x96x52	96x96x54	96x96x54	96x96x54
With IO module			96x96x72	96x96x72	96x96x72
Mounting	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel	Flush/Panel
<b>Simple energy cost management</b>					
Data aggregation	■	■	■	■	■
Load profile			■	■	■
Bill verification	■	■	■	■	■
Cost allocation	■	■	■	■	■
<b>Basic network management</b>					
Panel instrumentation	■	■	■	■	■
Power metering	■	■	■	■	■
Basic harmonic monitoring	■	■	■	■	■
Status monitoring			■	■	■
Threshold alarming		■	■	■	■
<b>Monitoring and verification</b>					
Test bench	■	■	■	■	■
Genset	■	■	■	■	■
PF Improvement panel	■	■	■	■	■
Labs	■	■	■	■	■
OEMs	■	■	■	■	■
<b>Commercial reference numbers (Link to product information)</b>	METSEPM1120HCL10RS METSEPM1125HCL10RS METSEPM1225HCL10RS METSEPM1125HCL1LVD METSEPM1225HCL1LVD METSEEM1250HCL1	METSEPM1130HCL05RS METSEPM1230HCL1 METSEPM1230HCL5LVD	METSEPM2110 METSEPM2120 METSEPM2130	METSEPM2210 METSEPM2220 METSEPM2230	METSEPM2210R METSEPM2220R METSEPM2230RCL05

\* Refer data sheet for operating range

□ One power vector at a time (W/Wh or VA/VAh or VAR/ VARh in PM1120H and Three power vector in PM1125H/ PM1225H)

● Three power three energy

# EasyLogic™ Commercial Reference Numbers

Comm. reference number	Description
<b>DM1000 series</b>	
METSEDM1110	DM1110 1-ph Amps digital panel meter
METSEDM1210	DM1210 1-ph Volts digital panel meter
METSEDM1310	DM1310 1-ph Frequency digital panel meter
<b>DM3000 series</b>	
METSEDM3110	DM3110 3-ph Amps digital panel meter
METSEDM3210	DM3210 3-ph Volts digital panel meter
<b>DM6000H series</b>	
METSEDM6000HCL10NC	DM6000H VAF PF CI 1.0 digital panel meter
<b>DM6200 series</b>	
METSEDM6200HCL10RS	DM6200H VAF PF CI 1.0 RS-485 digital panel meter
METSEDM6220HCL1	DM6220H VAF PF CI 1.0 RS-485 digital panel meter
METSEDM6220HCL1LVD	DM6220H VAF PF CI 1.0 RS-485 digital panel meter
<b>EM1250H</b>	
METSEEM1250HCL1	EM1250H CI 1.0 RS-485 power & energy meter
<b>PM1120H series</b>	
METSEPM1120HCL10RS	PM1120H LED CI 1.0 RS-485 One power and energy meter
METSEPM1120HCL05RS	PM1120H LED CI 0.5 RS-485 One power and energy meter
METSEPM1125HCL10RS	PM1125H LED CI 1.0 RS-485 Three power and energy meter
METSEPM1125HCL1LVD	PM1125H LED CI 1.0 Control power 9 to 36V DC RS-485 Three power and energy meter
METSEPM1225HCL1	PM1225H LCD CI 1.0 RS-485 Three power and energy meter
METSEPM1225HCL5	PM1225H LCD CI 0,5 RS-485 Three power and energy meter
METSEPM1225HCL1LVD	PM1225H LCD CI 1.0 Control power 9 to 36V DC RS-485 Three power and energy meter
METSEPM1225HCL5LVD	PM1225H LCD CI 0.5 Control power 9 to 36V DC RS-485 Three power and energy meter
<b>PM1130H series</b>	
METSEPM1130HCL05RS	PM1130H LED CI 0.5 RS-485 dual source power and energy meter
METSEPM1230HCL1	PM1230H LCD CI 1.0 RS-485 dual source power and energy meter
METSEPM1230HCL5LVD	PM1230H LCD CI 0.5 Control power 9 to 36V DC RS-485 dual source power & energy meter
<b>PM2000 series</b>	
METSEPM2110	PM2110 LED VAF P&E THD Pulse CI 1.0 power and energy meter
METSEPM2120	PM2120 LED VAF P&E THD RTC RS-485 CI 1.0 power and energy meter
METSEPM2125C2AI2AO	PM2125C LED VAF P&E THD 15th Harmonics RTC 2 Analog Inputs 2 Analog outputs RS-485 CI 0.5S power and energy meter
METSEPM2125C2DI2RO	PM2125C LED VAF P&E THD 15th Harmonics RTC 2 Digital Inputs 2 Relay outputs RS-485 CI 0.5S power and energy meter
METSEPM2130	PM2130 LED VAF P&E THD 31st Mar RS-485 CI 0.5 power and energy meter
METSEPM2210	PM2210 LCD VAF P&E THD Pulse CI 1.0 power and energy meter
METSEPM2220	PM2220 LCD VAF P&E THD RTC RS-485 CI 1.0 power and energy meter
METSEPM2225C2AI2AO	PM2225C LCD VAF P&E THD 15th Harmonics RTC 2 Digital Inputs 2 Relay outputs RS-485 CI 0.5S power and energy meter
METSEPM2225C2DI2RO	PM2225C LCD VAF P&E THD 15th Harmonics RTC 2 Digital Inputs 2 Relay outputs RS-485 CI 0.5S power and energy meter
METSEPM2230	PM2230 LCD VAF P&E THD 31st Har RS-485 CI 0.5 power and energy meter
METSEPM2210R	PM2210R LCD Pulse RSJ45 LVCT CI 1.0 power and energy meter
METSEPM2220R	PM2220R LCD RS-485 RSJ45 LVCT CI 1.0 power and energy meter
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

See your Schneider Electric representative for complete ordering information.

# EasyLogic™ Commercial Reference Numbers ctd.

Comm. reference number	Description
<b>PM2200R series</b>	<b>LVCT Solid 3 in 1 RJ45</b>
<b>METSECTV25006</b>	LVCT Solid Core 3 in 1 RJ45 25mmCtr 60 A:1/3V
<b>METSECTV25010</b>	LVCT Solid Core 3 in 1 RJ45 25mmCtr 100 A:1/3V
<b>METSECTV25013</b>	LVCT Solid Core 3 in 1 RJ45 25mmCtr 125 A:1/3V
<b>METSECTV25016</b>	LVCT Solid Core 3 in 1 RJ45 25mmCtr 160 A:1/3V
<b>METSECTV35006</b>	LVCT Solid Core 3 in 1 RJ45 35mmCtr 60 A:1/3V
<b>METSECTV35010</b>	LVCT Solid Core 3 in 1 RJ45 35mmCtr 100 A:1/3V
<b>METSECTV35012</b>	LVCT Solid Core 3 in 1 RJ45 35mmCtr 120 A:1/3V
<b>METSECTV35013</b>	LVCT Solid Core 3in1 RJ45 35mmCtr 125 A:1/3V
<b>METSECTV35015</b>	LVCT Solid Core 3in1 RJ45 35mmCtr 150 A:1/3V
<b>METSECTV35016</b>	LVCT Solid Core 3in1 RJ45 35mmCtr 160 A:1/3V
<b>METSECTV35020</b>	LVCT Solid Core 3in1 RJ45 35mmCtr 200 A:1/3V
<b>METSECTV35025</b>	LVCT Solid Core 3in1 RJ45 35mmCtr 250 A:1/3V
<b>METSECTV45025</b>	LVCT Solid Core 3in1 RJ45 45mmCtr 250 A:1/3V
<b>METSECTV45040</b>	LVCT Solid Core 3in1 RJ45 45mmCtr 400 A:1/3V
<b>METSECTV45050</b>	LVCT Solid Core 3in1 RJ45 45mmCtr 500 A:1/3V
<b>METSECTV45060</b>	LVCT Solid Core 3in1 RJ45 45mmCtr 600 A:1/3V
<b>METSECTV45063</b>	LVCT Solid Core 3in1 RJ45 45mmCtr 630 A:1/3V
<b>METSECTV29006</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 60 A:1/3V
<b>METSECTV29010</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 100 A:1/3V
<b>METSECTV29012</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 120 A:1/3V
<b>METSECTV29013</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 125 A:1/3V
<b>METSECTV29015</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 150 A:1/3V
<b>METSECTV29016</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 160 A:1/3V
<b>METSECTV29020</b>	LVCT Solid Core 3in1 RJ45 29mmCtr 200 A:1/3V
<b>METSECTV70080</b>	LVCT Solid Core 3in1 RJ45 70mmCtr 800 A:1/3V
<b>METSECTV70100</b>	LVCT Solid Core 3in1 RJ45 70mmCtr 1000 A:1/3V
<b>METSECTV70125</b>	LVCT Solid Core 3in1 RJ45 70mmCtr 1250 A:1/3V
<b>Cables</b>	
<b>DCEPCURJX5GYM</b>	Category 5e, Patch Cord, UTP, 0.5 M, Grey
<b>DCEPCURJ01GYM</b>	Category 5e, Patch Cord, UTP, 1 M, Grey
<b>DCEPCURJ02GYM</b>	Category 5e, Patch Cord, UTP, 2 M, Grey
<b>DCEPCURJ03GYM</b>	Category 5e, Patch Cord, UTP, 3 M, Grey
<b>DCEPCURJ05GYM</b>	Category 5e, Patch Cord, UTP, 5 M, Grey
<b>DCEPCURJ10GYM</b>	Category 5e, Patch Cord, UTP, 10 M, Grey

See your Schneider Electric representative for complete ordering information.



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