

# Product datasheet

Specifications



## EASYLOGIC DM6200H VAF PF DPM NONC CL1.0

METSEDM6000HCL10NC

### Main

Range	EasyLogic
Product Name	EasyLogic DM6X00H NC
Device Short Name	DM6000H
Product Or Component Type	VAF PF meter

### Complementary

Device Application	Remote monitoring
Type Of Measurement	Current Voltage Frequency RPM
Metering Type	Unbalance current Calculated neutral current Unbalance voltage Rotation speed Phase currents Voltage U21, U32, U13, V1, V2, V3 Frequency Average voltage Vavg Average current Iavg
Counter Functions	Power interruption ON hour counting
[Us] Rated Supply Voltage	48...277 V AC 45...65 Hz 48...277 V DC
Network Frequency	50 Hz 60 Hz
[In] Rated Current	1 A 5 A
Type Of Network	2P + N 2P 3P + N 3P 1P + N
Maximum Power Consumption In Va	4 VA at 240 V between phase and neutral
Maximum Power Consumption In W	2 W at 240 V
Display Type	8 segments LED
Display Colour	Red
Messages Display Capacity	3 fields of 4 characters
Display Digits	12 digit(s) - 14.2 mm in height

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Communication Of Data</b>	Reading of measurements Instantaneous and demand values Revolution speed All counters
<b>Tamperproof Of Settings</b>	Protected by access code
<b>Sampling Rate</b>	32 samples/cycle
<b>Measurement Current</b>	5...6000 mA
<b>Signal</b>	Current 0.005...10 A (impedance 0.3 MOhm)6 x
<b>Measurement Voltage</b>	35...480 V AC 50...60 Hz between phases 46...277 V AC 50...60 Hz between phase and neutral 277...999000 V AC 50...60 Hz with external VT
<b>Frequency Measurement Range</b>	45...65 Hz
<b>Measurement Accuracy</b>	Frequency +/- 0.05 % Power factor +/- 0.01 Current +/- 1 % Voltage +/- 1 %
<b>Accuracy Class</b>	Class 1
<b>Demand Intervals</b>	1 s
<b>Local Signalling</b>	Green LED: activity Red LED: output signal 1...9999000 pulse/ k_h (kWh, kVAh, kVARh)
<b>Communication Port Protocol</b>	-
<b>Material</b>	Polycarbonate
<b>Flame Retardance</b>	V-0 conforming to UL 94
<b>Mounting Mode</b>	Flush-mounted
<b>Mounting Support</b>	Framework
<b>Installation Category</b>	III
<b>Type Of Installation</b>	Indoor installation
<b>Measurement Category</b>	Category III 480 V
<b>Electrical Insulation Class</b>	Class II
<b>Connections - Terminals</b>	Current circuit: screw clamp terminals (bottom) 2.08...3.31 mm <sup>2</sup> cable(s) Voltage circuit: screw clamp terminals (top) 0.82...3.31 mm <sup>2</sup> cable(s) Control circuit: screw clamp terminals (top) 0.82...3.31 mm <sup>2</sup> cable(s)
<b>Tightening Torque</b>	Current circuit: 0.9...1 N.m Philips No 2 screwdriver Voltage circuit: 0.9...1 N.m Philips No 2 screwdriver Control circuit: 0.9...1 N.m Philips No 2 screwdriver
<b>Wire Stripping Length</b>	Current circuit: 3.68 mm Voltage circuit: 7 mm Control circuit: 7 mm
<b>Standards</b>	IEC 61010-1:ed. 3 UL 61010-1:ed. 3
<b>Product Certifications</b>	CE conforming to IEC 61010-1 CULus conforming to UL 61010-1 CULus conforming to CSA C22.2 No 61010-1 C-Tick
<b>Width</b>	96 mm
<b>Depth</b>	Outside : 13 mm Panel : 49 mm
<b>Height</b>	96 mm
<b>Net Weight</b>	300 g

## Environment

<b>Electromagnetic Compatibility</b>	Electrostatic discharge conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 Surge immunity test conforming to IEC 61000-4-5 Conducted RF disturbances conforming to IEC 61000-4-6 Magnetic field at power frequency conforming to IEC 61000-4-8 Voltage dips and interruptions immunity test conforming to IEC 61000-4-11 Emission tests conforming to FCC part 15 class A Emission tests conforming to FCC part 15 Subpart C Emission tests conforming to FCC part 15 Subpart E
<b>Overvoltage Category</b>	III
<b>Ip Degree Of Protection</b>	IP51 front: conforming to IEC 60529 IP30 body: conforming to IEC 60529
<b>Relative Humidity</b>	5...95 % at 50 °C
<b>Pollution Degree</b>	2
<b>Ambient Air Temperature For Operation</b>	-10...60 °C
<b>Ambient Air Temperature For Storage</b>	-20...70 °C
<b>Operating Altitude</b>	<= 2000 m
<b>Service Life</b>	7 year(s)

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	12 cm
<b>Package 1 Width</b>	8.7 cm
<b>Package 1 Length</b>	12 cm
<b>Package 1 Weight</b>	335 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	18
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	6.1 kg
<b>Unit Type Of Package 3</b>	P06
<b>Number Of Units In Package 3</b>	144
<b>Package 3 Height</b>	61.5 cm
<b>Package 3 Width</b>	80 cm
<b>Package 3 Length</b>	60 cm
<b>Package 3 Weight</b>	69.74 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)