

NEMO96HD1000

IME NEMO96 HD Multifunction Meter with Modbus RS485 Module



Component type	Multifunction energy meter
Range	NEMO96 HD
Model	N/A
Product status	Existing

The Nemo96HD is a panel mount modular three-phase multifunction meter measuring all system variables including min/max demand values and harmonic distortion for current and voltage up to the 22nd harmonic. The Nemo 96HD+ provides additional functionality that makes it suitable for both LV and MV applications with a programmable VT ratio from 1 to 1500. Perfect for retrofit applications, the Nemo96HD with Rogowski coil solution is also available in various diameter sizes. Note: Rogowski coils are not sold separately.

ELECTRICAL

COMMUNICATION

Frequency	47 - 63 Hz
Supply voltage AC 50 Hz	80 - 265 V
Rated burden	2.5 VA
Rated insulation voltage Ui	300.0 V
Refresh time	1.1 s
Type of display	LCD
Accuracy class active energy according to IEC 62053-22	0.5S
Accuracy class reactive energy according to IEC 62053-23	Other
Measurement parameter kWh	Yes
Measurement parameter kWh demand	Yes
Measurement parameter kVARh	Yes
Measurement parameter VA	Yes
Measurement parameter VAR	Yes
Measurement parameter (PF)	Yes
Measurement parameter Hz	Yes
Measurement parameter VL-L	Yes
Measurement parameter VL-N	Yes
Measurement parameter THD (V,I)	Yes
Measurement parameter An	Yes
Measurement parameter ADMD	Yes
Measurement parameter VADMD	Yes
Measurement parameter VARDMD	Yes
Measurement parameter AMAXDMD	Yes
Measurement parameter WDMD	Yes
Supporting protocol for Modbus	Yes

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COMMUNICATION	Supporting protocol for other bus systems	No
	Terminal type	Screw
CONSTRUCTION	Mounting method	To panel
	Material housing	PPE-PS
	Degree of protection (IP), front side	Other
	Height	96.0 mm
DIMENSIONS	Width	96.0 mm
	Depth	81.0 mm
	Weight	0.28 kg
	Operating temperature	-5 - 55 °C
ENVIRONMENT	Storage temperature	-25 - 70 °C
	Humidity type	Short-term condensing
	Pollution degree	2

DIMENSIONAL DIAGRAM

