Catalogue No: **MF72421**

METER M/F NEMO72LE + RS485 MODBUS

Energy Management and Building Automation > Energy Management and Metering > Power and Multifunction Meters > IME Power and Multifunction Meters > IME Multifunction Meters > Nemo 72-LE

- Quick and easy to install
- Compact modern design
- High accuracy monitoring and measurement to IEC 62053-21
- Easy to read and configure
- Options for remote communication

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS	
Product Series	MF7F - NEMO 72L
Component Type Metering	Digital Meter
Meter Type(s)	Multifunction
Measurement parameters	1, 3-phase multifunction meter A An Admd VL-L VL-N Hz PF Voltage sequence diagnostics W VA VAR Wdmd VAdmd VARdmd kWh kVARh THD (I) Hour run Amaxdmd Trms (V, I)
Display Technology	LCD
Number of Characters	4
Details, Display	Backlit display. Automatic display of engineering units. Different pages of measurement display with manual scanning.
Refresh Time	1.2 s
Details, Input(s)	Input Voltage Phase 1: Line - Neutral. Input Voltage Phase 3: Line - Line. Harmonic content - up to the 16th Harmonic.
Input Frequency, Nom	50 Hz

Catalogue No: **MF72421**

METER M/F NEMO72LE + RS485 MODBUS

Energy Management and Building Automation > Energy Management and Metering > Power and Multifunction Meters > IME Power and Multifunction Meters > IME Multifunction Meters > Nemo 72-LE

Input Frequency, Max	63 Hz
Input Frequency, Min	47 Hz
Isn, Secondary Current, Rated	5 A
Isn, Secondary Current, Max	6 A max
Input current (A)	5 A
Input Voltage, 1ph, min (rms)	50 V AC min (rms)
Input Voltage, 1ph, max (rms)	290 V AC max (rms)
Input Voltage, 3ph, min (rms)	80 V AC min (rms)
Input Voltage, 3ph, max (rms)	500 V AC max (rms)
Number of Outputs	3 qty
Communication Protocol(s)	RS-485 Modbus RTU (Serial) Modbus TCP (Ethernet)
Accuracy Class, Active	1
Accuracy Class, kWh, IEC 61557-12	0.5 IEC 61557-12
Accuracy Class, kVARh, IEC 61557-12	1 IEC 61557-12
Fuse Current Rating	0.5 A
Fuse Characteristic Type(s)	IEC-gG/gN
Accuracy Class, Reactive	2
Power Dissipation, Max	6.8 W
Current, Overload Capacity, Continuous	0.006 kA
Current, Overload Capacity, 0.5s	0.1 kA
Ui, Rated Insulation Voltage	300 V (rms)
Pollution Degree	2
Configuration Method	Keypad
Connection Method	CT connect
Password Protection	Yes
Mounting (Multiple)	Flush Mount Panel Mount
Material, Body / Housing	PC (Polycarbonate) material
Operating Temperature, Min	-5 °C min
Operating Temperature, Max	55 °C max
Storage Temperature, Min	-25 °C min
Storage Temperature, Max	70 °C max
Humidity type	Short-Term Condensation
Installation Category	III
IP Rating, Front	IP54
IP Rating, Terminals	IP20
Width	72 mm
Height	72 mm
Depth	81 mm
Weight	0.25 kg
Standards Compliance	EN 61010-1 EN 61000-6-3 EN 61000-6-2 EN 60529 EN 61557-12 IEC 61557-12

Catalogue No: **MF72421**

METER M/F NEMO72LE + RS485 MODBUS

Energy Management and Building Automation > Energy Management and Metering > Power and Multifunction Meters > IME Power and Multifunction Meters > IME Multifunction Meters > Nemo 72-LE

REFERENCES	
IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-