



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

**NEMO D4-LE PULSE + RS485 MODBUS RTU/TCP**

- 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

**SPECIFICATIONS**

Component Type Metering	Digital Meter
Meter Type(s)	Multifunction
Measurement parameters	1, 3-phase multifunction meter VL-L VL-N A Ah Admd Amaxdmd Hz PF W VA VAR Wdmd VAdmd VARdmd Wmaxdmd Varmaxdmd VAmoxdmd kWh kVARh h Voltage sequence diagnostics
Display Technology	LCD
Details, Display	Backlit. 8 DGT energy, 4 DGT instantaneous. Different pages of measurement display with manual scanning. Automatic engineering units display according to the set VT and CT ratios.
Number of DIN Modules	4
Refresh Time	1.2 s
Details, Input(s)	Input 1-Phase Voltage: Line - Neutral. Input 3-Phase Voltage: Line - Line. Up to 50th Harmonic.
Input Frequency, Nom	50 Hz

# Catalogue No: **MFD4421**

## NEMO D4-LE PULSE + RS485 MODBUS RTU/TCP

Energy Management and Building Automation > Energy Management and Metering > Power and Multifunction Meters > IME Power and Multifunction Meters > IME Multifunction Meters > Nemo D4-LE



Input Frequency, Max	63 Hz
Input Frequency, Min	47 Hz
Accuracy, Voltage	0.5 +/- %
Accuracy, Current	0.5 +/- %
Accuracy, Frequency	0.2 +/- Hz
Isn, Secondary Current, Rated	5 A
Isn, Secondary Current, Max	6 A max
Input current (A)	5 A
Input Voltage, 1ph, min (rms)	30 V AC min (rms)
Input Voltage, 1ph, max (rms)	260 V AC max (rms)
Input Voltage, 3ph, min (rms)	50 V AC min (rms)
Input Voltage, 3ph, max (rms)	450 V AC max (rms)
Number of Outputs	2 qty
Output Type	Pulse Relay Output
Communication Protocol(s)	Modbus RTU (Serial) RS-485
Accuracy Class, Active	0.5
Accuracy Class, kWh, IEC 61557-12	0.5 IEC 61557-12
Accuracy Class, kVARh, IEC 61557-12	1 IEC 61557-12
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)
Mounting	DIN-35 Rail Mount
Pollution Degree	2
Configuration Method	Keypad
Connection Method	CT connect VT connect
Password Protection	Yes
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
Terminal Type	Screw Terminal(s)
IP Rating, Front	IP52
IP Rating, Terminals	IP20
Insulation Class	III
Width	70 mm
Height	89.5 mm
Depth	65.6 mm
Weight	0.285 kg

Catalogue No: **MFD4421**

**NEMO D4-LE PULSE + RS485 MODBUS RTU/TCP**

Energy Management and Building Automation > Energy Management and Metering > Power and Multifunction Meters > IME Power and Multifunction Meters > IME Multifunction Meters > Nemo D4-LE



Standards Compliance

EN 62053-21  
IEC 62053-21  
EN 62053-23  
EN 61010-1  
EN 61000-6-3  
EN 61000-6-2  
EN 60715  
EN 60529  
DIN 43880

#### REFERENCES

IECEX Certificate -

Supplier Declaration of  
Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue  
& Product Selection: -