

Three-phase electricity meter



Application

Multipurpose electricity meter for three-phase, 3- or 4-wire networks. Enables direct measurement of active and reactive energy and power. Intended for municipal customers of all tariff groups.

Features

- Bidirectional measurement of active energy and power
- Four-quadrant measurement of reactive energy and power
- Measurement of voltage, current, instantaneous power and maximum power
- Two independent load profiles
- Communication protocol: DLMS/COSEM
- Local communication: optical port, serial port RS-485 (optional), Wireless M-Bus 868 MHz (EN 13757) (optional)
- Firmware upgrade (according WELMEC 7.2)
- Segment LCD display
- Resistance to external magnetic field

– Do you know that... —

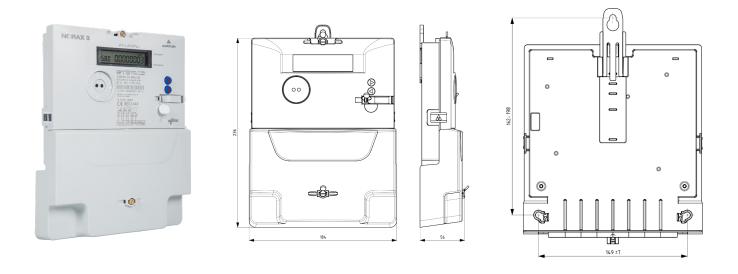


CORAX means a RAVEN in Latin and **NORAX** means a new version of this meter: a **NEW RAVEN** - innovative and multi-functional.



Basic technical data

Model		NORAX 3
Connection method		Direct
Rated voltage U _n	[V]	3x230/400
Reference current I _{ref}	[A]	5
Maximum current I _{max}	[A]	60 or 80 or 100
Frequency	[Hz]	50
Accuracy class for active energy	wg EN 50470-3	A or B
Accuracy class for reactive energy	wg EN 62053-23	2 or 3
Metering type		A+, A-, A
Power consumption in voltage circuit	[W]/[VA]	<1/<1,5
Electric strength	[kV]	4 (AC 50 Hz), 6 (impulses 1,2/50 μs)
Meter constant	[imp/kWh] [imp/kvarh]	2500
Clock		Internal, accuracy not lower than 0.5 s/24 h at 23°C
Communication		Optical port, serial port RS-485 (optional), Wireless M-Bus 868 MHz (EN 13757) (optional)
Display		Dedicated LCD display (65 x 20 mm viewing area)
Temperature of operation		–25 to +55°C -40 to +70°C (Optionally)
Housing		IP53 or IP54 , II protection class
Standards		MID Directive (B+D) EN 50470-1 EN 50470-3 EN 62053-23





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