

Three-phase electricity meter

NORAX 3

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 μ s)
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	

