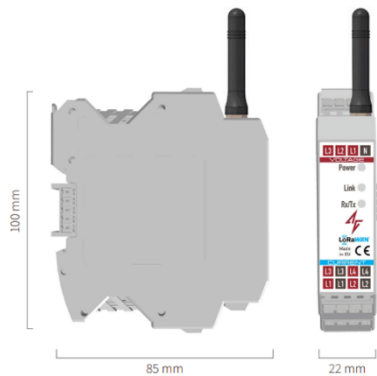


DATASHEET

Product information LORA281401-EM-250A-EU868

Name	LORA281401-EM-250A-EU868	
		
	iQunet Wireless Energy Monitor 400V / 250A	
Product specifications		
Connection	Type: Voltage: Current:	4-wire, 3-phase with Neutral Direct connected to phase (L1,L2,L3,N); cable set length 1500mm Split core current transformers (L1,L2,L3); cable set length 2000mm
Voltage	Nominal working voltage, U_n : Working voltage range: Nominal frequency:	3 phase 3x230V+N / Line voltage 400 V $0.5 \times U_n \dots 1.15 \times U_n$ 50 Hz
Current	Nominal current, I_n : Max current, I_{max} : Min current, I_{min} : Starting current, I_{st} :	250A 250A $0.05 \cdot I_n$ $0.002 \cdot I_n$
Registered parameters	Voltage: Current: Active power: Reactive power: Apparent power: Power factor: Active energy:	RMS RMS, max instantaneous value By phase, total By phase By phase, total Absolute value, sign, inductive / capacitive By phase, total, direction, load profile
Conformity	Certification: Precision class:	CE B (according to EN 50470-3)
Intrinsic consumption	Voltage circuits: Current circuits:	5 VA -
Data transfer	Interface: Data type:	LoRaWAN EU868MHz Measurements, time synchronization, diagnostic / configuration
Physical	Dimensions (HxLxW): Weight: Mounting: Enclosure: External connections:	100 x 85 x 22 mm ; Height incl. antenna H=140 mm 150 g (excl. CT's and cable sets) On 35 mm DIN-rail Polyamide plastic, UL94-V0 Spring type or screw connectors
Operating conditions	IP protection class: Working temperature:	IP40 -40°C to +70°C