

Sagemcom

XT211

Multi-Energy Electricity Smart Meter
Three-Phase DIN Standard 4 wires

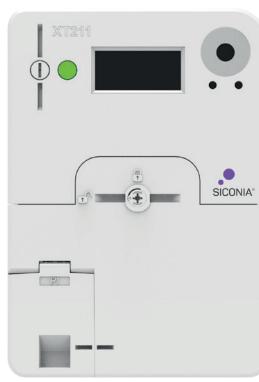


 **SICONIA®**
Elec



- Cellular communication
LTE Cat M / NB1 / NB2
- Automatic Switch Cat M / NB1 / NB2
- eSIM MFF2 eUICC

- Last Gasp & Neutral current measurement
- DLMS Security suite 0 or 1 or 2
- Multi-energy : WMBUS 868 MHZ



NB-IoT™

LTE-M

IDIS®

M-Bus wireless

SPECIFICATIONS

Basic Features	Voltage:	3 *230V/400V
	Maximum current:	60A or 80A or 100A
	Max switching current per phase:	80A or 100A or 120A
	Frequency:	50 Hz +/- 3 Hz (6%)
	Active Energy:	EN50470-3 Class B
	Reactive Energy:	IEC 62053-23 Class 2
	Quadrants:	Q1 / Q2 / Q3 / Q4, Import / Export Energy
	Real Time Clock:	Supercap: 15 years / 15 day OR Battery 3 years
	Lifetime:	> 15 years
Environment	Operating temperature:	-40°C / + 70°C
	Humidity:	< 95%
	Protection Index:	IP 54
	Fire protection:	5-VB (UL94)
Customer Interaction	Display:	LCD: Dot matrix 5 x 8 Digit Size: 7x3 mm Symbols: 48 (3 lines of 16) Scrolling: auto and manual Backlight: option, remotely configurable
	LEDs:	1 for Active Energy 1 for Reactive Energy
	Push Buttons:	Main button for scrolling

MECHANICAL CHARACTERISTICS

Sealing method:	Top cover and bottom cover are sealed together by ultrasonic welding. The terminal block cover is sealed by one dedicated screw and metallic ferrule.
Connection diagram:	DIN 43856
Mounting:	DIN 43857
Cable size:	4 – 35 mm ²
Terminal Screws	2 screws M6 (Pozidrive) or 1 screw M8 (Pozidrive)
Size (H*W*D)	263*180*90mm (incl. 40mm free space)

INTERFACES

Integrated communication interfaces	Maintenance interface:	Optical port (IEC 62056-31)
	HAN customer interface:	P1 DSMR 5.0.2 or RJ45/RS485
	Cellular Modem:	LTE Cat M & NB2/NB1 (NB IoT) or LTE Cat-1 Band 3, 8, 20 Embedded Modem and internal antenna. SMA connector for external antenna
Switches	2 Auxiliary Relays	Monotable 3A/230V

Note: this list of functionalities is not exhaustive. Deeper features list and Security detail can be delivered on special demand under Non-Disclosure Agreement (NDA).

CORE ARCHITECTURE

High speed future proof Cortex™-M4 core microprocessor, integrating crypto/hash processor providing hardware acceleration for AES 128, 192, 256, Triple DES, and hash (MD5, SHA-1) and supporting BSI crypto standard.

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