

PRODUCT-DETAILS

# A42 112-200

## A42 112-200 Electricity Meter ; A42 112-200



### General Information

Extended Product Type	A42 112-200
Product ID	2CMA100094R1000
ABB Type Designation	A42 112-200
EAN	7392696000949
Catalog Description	A42 112-200 Electricity Meter ; A42 112-200

#### Long Description

Advanced DIN-rail meter with a large and easy to read back lighted pixel-oriented display. The meter is intended for use in the industry, commercial buildings etc. The meter can be used in 3 or 4 wire systems with a wide voltage range. The meter has several instrumentation values, 25 possible alarms and event logs. Single phase direct connected for active energy. One output for pulses or alarm etc. M-Bus communication. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + EAC approved and verified.

### Technical

Standards	GOST R 52320-2005
Product Name	Electricity Meter ; A42 112-200
Function	Electricity meter
Sub-Function	Steel
Rated Voltage ( $U_r$ )	(Un) N-L 57.7 ... 288 V
Rated Current ( $I_n$ )	6 A
Current Rating	6 A
Frequency (f)	50 ... 60 Hz
	0.801 W
Communication	Modbus

**Interface**

Accuracy	Active Energy Class $\pm 1\%$ (or B for MID meters).
Pulse Output Rate	1...999999
Number of Phases	1
Number of Counter Positions	7
ABB Type Designation	A42 112-200
Energy Meter Type	Effective Power
Meter Type	Transformer connected
Mounting Type	DIN rail
Pulse Output Type	Electrical
Type of Indicator	Digital
Enclosure Material	Plastic
Communication	MODBUS RTU
Model Number	Measurement transformer
Connecting Capacity Main Circuit	0.5 ... 10 mm <sup>2</sup>

**Environmental**

Ambient Air Temperature	Operation -40 ... 70 °C
Degree of Protection	IP20
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Environmental Information	2CMC484005D0001

**Dimensions**

Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.207 kg
Size	97X70X65

**Container Information**

Package Level 1 Units	box 1 piece
Package Level 1 Width	100 mm
Package Level 1 Height	68 mm
Package Level 1 Depth / Length	94 mm
Package Level 1 Gross Weight	0.279 kg
Package Level 1 EAN	7392696000949

**Ordering**

Minimum Order Quantity	1 piece
Customs Tariff Number	90283011
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

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## Certificates and Declarations (Document Number)

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Declaration of Conformity - CE	No declaration needed
Environmental Information	2CMC484005D0001
Instructions and Manuals	2CMC484010M4901
RoHS Information	2CMC484006

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## Popular Downloads

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Data Sheet, Technical Information	2CMC484002M0201
Instructions and Manuals	2CMC484010M4901

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## Classifications

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ETIM 6	EC001506 - Kilowatt-hour meter
ETIM 7	EC001506 - Kilowatt-hour meter
ETIM 8	EC001506 - Kilowatt-hour meter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	90283011
Object Classification Code	P

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → Energy Efficiency Devices → Energy Meters

