

PRODUCT-DETAILS

A44 112-100

Active Energy Class $\pm 1\%$ (or B for MID meters).;



General Information

Extended Product Type	A44 112-100
Product ID	2CMA100248R1000
ABB Type Designation	A44 112-100
EAN	7392696002486
Catalog Description	Active Energy Class $\pm 1\%$ (or B for MID meters).;
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. Three phase transformer connected for active energy. One output for pulses or alarm etc. RS-485 communication over Modbus RTU or EQ Bus. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

Technical

Standards	IEC 62052-11, IEC 62053-21, EN 50470-1, EN 50470-3
Product Name	A44 112-100
Function	Electricity meter
Sub-Function	Steel
Rated Voltage (U_r)	(Un) L-L 100 ... 500 V (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 Interface	Modbus
Accuracy	Active Energy Class $\pm 1\%$ (or B for MID meters).
Pulse Output Rate	1...999999
Number of Phases	3
Number of Counter Positions	7
ABB Type Designation	A44 112-100
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 ²

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	7
Product Net Width	123 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.363 kg
Size	97X123X65

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	98 mm
Package Level 1 Height	68 mm
Package Level 1 Depth / Length	144 mm
Package Level 1 Gross Weight	0.453 kg
Package Level 1 EAN	7392696002486

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	90283019
E-Number (Finland)	6625060
E-Number (Sweden)	0900069
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMC484002D0001
Environmental Information	2CMC484005D0001
Instructions and Manuals	2CMC484003M0201
RoHS Information	2CMC484006

Popular Downloads

Data Sheet, Technical Information	2CMC484001M0201
Instructions and Manuals	2CMC484003M0201

Classifications

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	90283019
Object Classification Code	P

Categories

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

