

# B24 112-100



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

## General Information

Extended Product Type	B24 112-100
Product ID	2CMA100178R1000
ABB Type Designation	B24 112-100
EAN	7392696001786
Catalog Description	Active Energy Class $\pm 1\%$ (or B for MID meters).;
Long Description	Advanced compact DIN-rail meter with an easy to read back lighted display. The meter is intended for use in the commercial or residential buildings etc. The meter can be used in 3 or 4 wire systems. 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.

## Ordering

EAN	7392696001786
Minimum Order Quantity	1 piece
Customs Tariff Number	90283019

## Dimensions

Product Net Width	70 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.25 kg

## Container Information

Package Level 1 Units	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	0.33 kg
Package Level 1 EAN	7392696001786

## Environmental

Ambient Air Temperature	Operation -40 ... +70 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

---

## Additional Information

Accuracy	Active Energy Class $\pm 1\%$ (or B for MID meters).
Communication Interface	Pulse output
Communication	MODBUS RTU
Connecting Capacity Main Circuit	0.5 ... 10 mm <sup>2</sup>
Degree of Protection	IP20
Enclosure Material	Plastic
Frequency (f)	50/60 Hz
Function	Electricity meter
Meter Type	Transformer connected
Mounting Type	DIN rail
Number of Phases	3
Product Main Type	B24
Product Name	Electricity Meter
Rated Current ( $I_n$ )	6 A
Rated Voltage ( $U_r$ )	3x380 ... 3x415 V
RoHS Date	2012-36
Standards	IEC 62053-21
Sub-Function	Steel

---

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information	2CMC485003M0201
Declaration of Conformity - CE	2CMC485002D0001
Environmental Information	2CMC485003D0001
Instructions and Manuals	2CMC485019M0201
RoHS Information	2CMC485007

---

## Classifications

ETIM 4	EC001506 - Electronic kilowatt-hour meter
ETIM 5	EC001506 - Kilowatt-hour meter
ETIM 6	EC001506 - Kilowatt-hour meter
ETIM 7	EC001506 - Kilowatt-hour meter
Object Classification Code	P
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

## Categories

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

