

PRODUCT-DETAILS

# B21 112-100

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



### General Information

Extended Product Type	B21 112-100
Product ID	2CMA100150R1000
ABB Type Designation	B21 112-100
EAN	7392696001502
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. Single phase direct 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.
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### Ordering

E-Number (Finland)	6625027
E-Number (Sweden)	0900030
EAN	7392696001502
Minimum Order Quantity	1 piece
Customs Tariff Number	90283011

### Dimensions

Product Net Width	35 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.15 kg

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	70 mm
Package Level 1 Height	50 mm
Package Level 1 Depth / Length	102 mm
Package Level 1 Gross Weight	0.20 kg
Package Level 1 EAN	7392696001502

## 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	Modbus
Communication	MODBUS RTU
Connecting Capacity Main Circuit	1 ... 25 mm <sup>2</sup>
Current Rating	65 A
Degree of Protection	IP20
Enclosure Material	Plastic
Frequency (f)	50/60 Hz
Function	Electricity meter
Meter Type	Direct connected
Mounting Type	DIN rail
Number of Phases	1
	0.414 W
Product Main Type	B21
Product Name	B21 112-100
Rated Current ( $I_n$ )	65 A
Rated Voltage ( $U_r$ )	(Un) N-L 220 ... 240 V
RoHS Date	2012-36
Standards	EN 50470-3
Sub-Function	Steel

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information	2CMC485004M0201
Declaration of Conformity - CE	2CMC485001D0001
Environmental Information	2CMC485004D0001
Instructions and Manuals	2CMC485019M0201
RoHS Information	2CMC485005

## 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

