



PRODUCT-DETAILS

B24 113-100

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

General Information

| | |
|-----------------------|---|
| Extended Product Type | B24 113-100 |
| Product ID | 2CMA100179R1000 |
| ABB Type Designation | B24 113-100 |
| EAN | 7392696001793 |
| 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. M-Bus communication. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

Ordering

| | |
|------------------------|---------------|
| E-Number (Sweden) | 0900046 |
| EAN | 7392696001793 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 90283019 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 70 mm |
| Product Net Height | 26.5 mm |
| Product Net Depth / Length | 65 mm |
| Product Net Weight | 0.27 kg |

Container Information

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|--------------------------------|---------------|
| 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 | 0.34 kg |
| Package Level 1 EAN | 7392696001793 |

Environmental

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

Additional Information

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|----------------------------------|--|
| Accuracy | Active Energy Class $\pm 1\%$ (or B for MID meters). |
| Communication Interface | M-bus |
| Communication | M-Bus TP |
| Connecting Capacity Main Circuit | 0.5 ... 10 mm ² |
| Current Rating | 6 A |
| 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) | (Un) N-L 230 ... 240 V (Un) L-L 380 ... 415 V |
| RoHS Date | 2012-36 |
| Standards | EN 50470-1 |
| 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