B23 112-100
Active Energy Class ±1% (or B for MID meters).

General Information

Extended Product Type: B23 112-100
Product ID: 2CMA100164R1000
ABB Type Designation: B23 112-100
EAN: 7392696001649
Catalog Description: Active Energy Class ±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 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.

Ordering

E-Number (Sweden): 0900037
EAN: 7392696001649
Minimum Order Quantity: 1 piece
Customs Tariff Number: 90283019

Dimensions

Product Net Width: 70 mm
Product Net Height: 26.5 mm
Product Net Depth: 65 mm
### Container Information

<table>
<thead>
<tr>
<th>Package Level 1 Units</th>
<th>1 piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>Package Level 1 Width</td>
<td>100 mm</td>
</tr>
<tr>
<td>Package Level 1 Height</td>
<td>68 mm</td>
</tr>
<tr>
<td>Package Level 1 Depth / Length</td>
<td>94 mm</td>
</tr>
<tr>
<td>Package Level 1 Gross Weight</td>
<td>0.39 kg</td>
</tr>
<tr>
<td>Package Level 1 EAN</td>
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</tbody>
</table>

### 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 ±1% (or B for MID meters).
- **Communication Interface**: Modbus
- **Communication**: MODBUS RTU
- **Connecting Capacity Main Circuit**: 1 ... 25 mm²
- **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**: 3
- **Product Main Type**: B23
- **Product Name**: Electricity Meter
- **Rated Current (I_n)**: 65 A
- **Rated Voltage (U_r)**: (Un) N-L 220 ... 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**: 2CMC485001D0001
- **Environmental Information**: 2CMC485003D0001
- **Instructions and Manuals**: 2CMC485019M0201
- **RoHS Information**: 2CMC485006
## Classifications

<table>
<thead>
<tr>
<th>ETIM</th>
<th>Description</th>
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<tbody>
<tr>
<td>4</td>
<td>EC001506 - Electronic kilowatt-hour meter</td>
</tr>
<tr>
<td>5</td>
<td>EC001506 - Kilowatt-hour meter</td>
</tr>
<tr>
<td>6</td>
<td>EC001506 - Kilowatt-hour meter</td>
</tr>
<tr>
<td>7</td>
<td>EC001506 - Kilowatt-hour meter</td>
</tr>
</tbody>
</table>

### Object Classification Code

| WE113.14.02 P |

### WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

## Categories

Produkty a systémy nízkeho napätia → Modulárne prístroje na DIN-lištu → Elektromery na DIN-lištu → Elektromery