



 PRODUCT-DETAILS

B23 112-10N

Energy meter 'Steel', Modbus RS485, Three-phase, 65 A



General Information

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|-----------------------|--|
| Extended Product Type | B23 112-10N |
| Product ID | 2CMA217631R1000 |
| EAN | 8012542176312 |
| Catalog Description | Energy meter 'Steel', Modbus RS485, Three-phase, 65 A |
| Long Description | Electricity meter, 3 phase, Active energy Cl. 1 & B, Approved according to: IEC 62052-11, IEC 62053-21, IEC 62053-23, EN 50470-1, EN 50470-3. Bulk Package |

ABB EcoSolutions

| | |
|---|-----------------|
| Environmental Product Declaration - EPD | 9AKK108467A4138 |
|---|-----------------|

Technical

| | |
|---------------------------------|-------------------|
| Function | Electricity meter |
| Sub-Function | Steel |
| Rated Voltage (U _r) | 3x220-240 V |
| Current Rating | 65 A |

| | |
|---------------------------------|--|
| Rated Frequency (f) | 50 / 60 Hz |
| | 0.721 W |
| Communication Interface | Modbus RS485 |
| Accuracy | Active Energy Class B MID ($\pm 1\%$) |
| Measuring Instrument Conformity | Measurement Instrument Directive (MID) |
| Pulse Output Rate | 1-999999 |
| Number of Phases | Three-phase |
| Number of Counter Positions | 7 |
| Number of Digital In/Outputs | 1 DO |
| Meter Type | Direct connected |
| Enclosure Material | Polycarbonate in transparent front glass. Glass reinforced polycarbonate in bottom case and upper case. Polycarbonate in terminal cover. |

Material Compliance

| | |
|---|---|
| RoHS Information | 2CMC485006 |
| RoHS Status | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| RoHS Date | 2012-36 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 70 mm |
| Product Net Height | 97 mm |
| Product Net Depth / Length | 65 mm |
| Product Net Weight | 0.32 kg |

Ordering

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|------------------------------|-----------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 0.39 kg |
| Replacement Product ID (NEW) | 2CMA234835R1000 |

Certificates and Declarations

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|--------------------------------|-----------------------|
| Declaration of Conformity - CE | No declaration needed |
|--------------------------------|-----------------------|

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 2CMC485014M0201 |
|--------------------------|-----------------|

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CMC481003C0201 |
|-----------------------------------|-----------------|

Classifications

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|----------------------------|--|
| ETIM 8 | EC001506 - Kilowatt-hour meter |
| ETIM 9 | EC001506 - Kilowatt-hour meter |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Consumer |
| CN8 | 90283019 |
| eClass | V11.0 : 27142316 |
| Object Classification Code | P |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|-------------------|------------|----------|-----------------|
| 2CCG000242R0001 | Control unit | SCU100 | 1 | piece |
| 2CDG110226R0011 | Energy Management | QA/S3.16.1 | 1 | piece |
| 2CDG110227R0011 | Energy Management | QA/S3.64.1 | 1 | piece |

Categories

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

