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PRODUCT-DETAILS

# YCU.00152

## Active Energy Class $\pm 1\%$ (or B for MID meters). Reactive Energy Class $\pm 2\%$ ;

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### General Information

|                         |                 |
|-------------------------|-----------------|
| Global Commercial Alias | YCU.00152       |
| Extended Product Type   | B23 212-100     |
| Product ID              | 2CMA100166R1000 |
| ABB Type Designation    | B23 212-100     |
| EAN                     | 7392696001663   |

Catalog Description Active Energy Class  $\pm 1\%$  (or B for MID meters). Reactive Energy Class  $\pm 2\%$ ;

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 and reactive energy. Import and export of energy in different registers and one total. 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 (Sweden)      | 0900039       |
| EAN                    | 7392696001663 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 90283019      |

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## 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         | 0.32 kg |

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## 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   | 0.39 kg       |
| Package Level 1 EAN            | 7392696001663 |

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## Environmental

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

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## Additional Information

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|                                  |  |
|----------------------------------|--|
| Accuracy                         | Active Energy Class $\pm 1\%$ (or B for MID meters). Reactive Energy Class $\pm 2\%$ . |
| 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                 | 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<br>(Un) L-L 380 ... 415 V                                       |
| RoHS Date                        | 2012-36  |
| Standards                        | IEC 62053-23   |
| Sub-Function                     | Bronze   |

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CMC485003M0201 |
| Declaration of Conformity - CE    | 2CMC485001D0001 |
| Environmental Information         | 2CMC485003D0001 |
| Instructions and Manuals          | 2CMC485019M0201 |
| RoHS Information                  | 2CMC485006      |

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## Classifications

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|                            |  |
|----------------------------|--|
| 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) |

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## Categories

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