

## PRODUCT-DETAILS

# C11 110-300

## C11 110-300 Electricity Meter ; C11 110-300



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | C11 110-300                                                                                                                                                                                                                                                                                                                                                   |
| Product ID            | 2CMA170600R1000                                                                                                                                                                                                                                                                                                                                               |
| ABB Type Designation  | C11 110-300                                                                                                                                                                                                                                                                                                                                                   |
| EAN                   | 7392696706001                                                                                                                                                                                                                                                                                                                                                 |
| Catalog Description   | C11 110-300 Electricity Meter ; C11 110-300                                                                                                                                                                                                                                                                                                                   |
| Long Description      | Basic compact meters for use in residential applications for single or multi family houses or in stand alone applications. To be used in a four wire system. The meter has instrumentation values. Single phase direct connected for active energy. One output for pulses or alarm etc. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved. |

### Technical

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Standards               | IEC 62052-11, IEC 62053-21                           |
| Product Name            | Electricity Meter ; C11 110-300                      |
| Function                | Electricity meter                                    |
| Sub-Function            | Steel                                                |
| Rated Voltage ( $U_r$ ) | (Un) N-L 230 ... 240 V                               |
| Rated Current ( $I_n$ ) | 40 A                                                 |
| Current Rating          | 40 A                                                 |
| Frequency (f)           | 50/60 Hz                                             |
|                         | 0.220 W                                              |
| Communication Interface | None                                                 |
| Accuracy                | Active Energy Class $\pm 1\%$ (or B for MID meters). |

|                                  |                            |
|----------------------------------|----------------------------|
| Pulse Output Rate                | 1000...1000                |
| Number of Phases                 | 1                          |
| Number of Counter Positions      | 6                          |
| ABB Type Designation             | C11 110-300                |
| Energy Meter Type                | Effective Power            |
| Meter Type                       | Direct connected           |
| Mounting Type                    | DIN rail                   |
| Pulse Output Type                | Electrical                 |
| Type of Indicator                | Digital                    |
| Enclosure Material               | Plastic                    |
| Communication                    | Pulse output               |
| Model Number                     | Direct measurement         |
| Connecting Capacity Main Circuit | 0.5 ... 10 mm <sup>2</sup> |

## Environmental

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| Ambient Air Temperature   | Operation -25 ... 70 °C                                         |
| Degree of Protection      | IP20                                                            |
| RoHS Status               | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Environmental Information | 2CMC486005D0001                                                 |

## Dimensions

|                                     |             |
|-------------------------------------|-------------|
| Width in Number of Modular Spacings | 1           |
| Product Net Width                   | 17.5 mm     |
| Product Net Height                  | 26.5 mm     |
| Product Net Depth / Length          | 65 mm       |
| Product Net Weight                  | 0.066 kg    |
| Size                                | 111X17.5X65 |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 10 piece  |
| Package Level 1 Width          | 114 mm        |
| Package Level 1 Height         | 83 mm         |
| Package Level 1 Depth / Length | 196 mm        |
| Package Level 1 Gross Weight   | 0.80 kg       |
| Package Level 1 EAN            | 7392696706001 |

## Ordering

|                         |            |
|-------------------------|------------|
| Minimum Order Quantity  | 10 piece   |
| Customs Tariff Number   | 90283011   |
| Country of Origin       | Italy (IT) |
| Selling Unit of Measure | piece      |

## Certificates and Declarations (Document Number)

|                                |                       |
|--------------------------------|-----------------------|
| Declaration of Conformity - CE | No declaration needed |
| Environmental Information      | 2CMC486005D0001       |
| Instructions and Manuals       | 2CMC486006M0201       |
| RoHS Information               | 2CMC486003            |

## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CMC486001M0201 |
| Instructions and Manuals          | 2CMC486006M0201 |

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC001506 - Kilowatt-hour meter                             |
| ETIM 7                     | EC001506 - Kilowatt-hour meter                             |
| ETIM 8                     | EC001506 - Kilowatt-hour meter                             |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |
| CN8                        | 90283011                                                   |
| Object Classification Code | P                                                          |

## Accessories

| Identifier      | Description                                                 | Type       | Quantity | Unit Of Measure |
|-----------------|-------------------------------------------------------------|------------|----------|-----------------|
| 2CCG000242R0001 | SCU100 Control Unit                                         | SCU100     | 1        | piece           |
| 2CDG110226R0011 | QA/S3.16.1 Energie Analyzer, M-Bus, 16 Teilnehmer, REG      | QA/S3.16.1 | 1        | piece           |
| 2CDG110227R0011 | QA/S3.64.1 Energie Analyzer, M-Bus, 64 Teilnehmer, REG      | QA/S3.64.1 | 1        | piece           |
| 2CDG110228R0011 | QA/S4.16.1 Energie Analyzer, Modbus RTU, 16 Teilnehmer, REG | QA/S4.16.1 | 1        | piece           |
| 2CDG110229R0011 | QA/S4.64.1 Energie Analyzer, Modbus RTU, 64 Teilnehmer, REG | QA/S4.64.1 | 1        | piece           |
| 2CDG110224R0011 | QA/S1.16.1 Energie Analyzer, KNX, 16 Teilnehmer, REG        | QA/S1.16.1 | 1        | piece           |

## Categories

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

