

PRODUCT-DETAILS

B21 311-100

B21 311-100, Energy meter'Silver', IR port, Single-phase, 5 A



Informations générales

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|------------------------------|--|
| Extension du type de produit | B21 311-100 |
| Code de produit | 2CMA100154R1000 |
| ABB désignation de type | B21 311-100 |
| EAN | 7392696001540 |
| Description courte | B21 311-100, Energy meter'Silver', IR port, Single-phase, 5 A |
| Description longue | 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. Single phase direct connected for active and reactive energy. Import and export of energy in different registers and one total. Resettable register for intermediate values. Up to four tariffs. Two outputs and inputs for pulses or alarm etc. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified. |

Eco Transparence

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

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| Normes et standards | IEC 62053-23 |
| Fonction | Electricity meter |
| Sub-Function | Silver |

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|-------------------------------------|--|
| Tension nominale (U_r) | 220-240 V |
| Voltage Range | 176...276 V |
| Courant nominal (I_n) | 5 A Maximum 65 A |
| Intensité de courant | 5 A |
| Fréquence assignée (f) | 50 / 60 Hz |
| | 0.414 W |
| Interface de communication | IR port |
| Précision | Active Energy Class B MID ($\pm 1\%$) |
| Measuring Instrument Conformity | Measurement Instrument Directive (MID) |
| Meter Tariff Control | External |
| Meter Tariff Rating | Multi-Tariff |
| Pulse Output Rate | 1-999999 |
| Nombre de pôles | 1 |
| Nombre de phases | Single-phase |
| Number of Counter Positions | 7 |
| Nombre d'entrées/sorties numériques | 2 DI 2 DO |
| Meter Type | Direct connected |
| Type de montage | DIN-Rail |
| Pulse Output Type | Electrical |
| Type d'affichage | Digital |
| Matériau du boîtier | Polycarbonate in transparent front glass. Glass reinforced polycarbonate in bottom case and upper case. Polycarbonate in terminal cover. |
| Option E/S | 2 digital output, 2 digital input |
| Connecting Capacity Main Circuit | 1 ... 25 mm ² |

Environnement

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|---|---|
| Température de l'air ambiant | Operation -40 ... 70 °C |
| Indice de protection | IP20 |
| Statut RoHS | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Informations RoHS | 2CMC485005 |
| Informations environnementales | 2CMC485004D0001 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Dimensions

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|-------------------------------------|----------|
| Width in Number of Modular Spacings | 2 |
| Produit Largeur Net | 35 mm |
| Produit Hauteur Net | 26.5 mm |
| Produit Longueur Net | 65 mm |
| Poids net | 0.14 kg |
| Taille | 97X35X65 |

Commande

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|---------------------------|-------------|
| Emballage Niveau 1 Unités | box 1 pièce |
| Emballage Niveau 1 Poids | 0.19 kg |
| E-Number (Finland) | 6625030 |
| E-Number (Sweden) | 0900033 |

Certificats et Déclarations (Numéro de document)

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|--------------------------------|-----------------|
| Déclaration de Conformité - CE | 2CMC485001D0001 |
|--------------------------------|-----------------|

Installation

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| Instructions et manuels | 2CMC485019M0201 |
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Downloads Préférés

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| Fiche produit, informations techniques | 2CMC485004M0201 |
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Classifications

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|--------------------------------|--|
| ETIM 8 | EC001506 - Kilowatt-hour meter |
| ETIM 9 | EC001506 - Kilowatt-hour meter |
| Catégorie DEEE | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Consumer |
| CN8 | 90283011 |
| eClass | V11.0 : 27142316 |
| Code de classification d'objet | P |

Accessories

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

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Compteurs d'énergie → Compteurs d'énergie

