

PRODUCT-DETAILS

A41 112-100

A41 112-100, Energy meter'Steel', Modbus RS485, Single-phase, 5 A



Informations générales

Extension du type de produit	A41 112-100
Code de produit	2CMA170500R1000
ABB désignation de type	A41 112-100
EAN	7392696705004
Description courte	A41 112-100, Energy meter'Steel', Modbus RS485, Single-phase, 5 A
Description longue	Advanced DIN-rail meter with a large and easy to read back lighted pixel-oriented display. The meter is intended for use in the industry, commercial buildings etc. The meter can be used in 3 or 4 wire systems with a wide voltage range. The meter has several instrumentation values, 25 possible alarms and event logs. Single 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.

Eco Transparence

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

Technique

Normes et standards	IEC 62052-11
Fonction	Electricity meter
Sub-Function	Steel

Tension nominale (U_r)	57.7-288 V
Voltage Range	47...331 V
Courant nominal (I_n)	5 A Maximum 80 A
Intensité de courant	5 A
Fréquence assignée (f)	50 / 60 Hz
	0.807 W
Interface de communication	Modbus RS485
Précision	Active Energy Class B MID ($\pm 1\%$)
Measuring Instrument Conformity	Measurement Instrument Directive (MID)
Meter Tariff Rating	One-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	1 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	1 digital output
Communication	Modbus RTU
Connecting Capacity Main Circuit	1 ... 25 mm ²

Environnement

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	2CMC484006
Informations environnementales	2CMC484004D0001
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	4
Produit Largeur Net	70 mm
Produit Hauteur Net	26.5 mm
Produit Longueur Net	65 mm
Poids net	0.246 kg
Taille	97X70X65

Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	0.318 kg
E-Number (Finland)	6701000
E-Number (Sweden)	0980681

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	No declaration needed
--------------------------------	-----------------------

Installation

Instructions et manuels	2CMC484004M0201
-------------------------	-----------------

Downloads Préférés

Fiche produit, informations techniques	2CMC484002M0201
--	-----------------

Classifications

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

