

PRODUCT-DETAILS

A44 112-100

A44 112-100, Energy meter'Steel', Modbus RS485, Three-phase, 1 A



Informations générales

Extension du type de produit	A44 112-100
Code de produit	2CMA100248R1000
ABB désignation de type	A44 112-100
EAN	7392696002486
Description courte	A44 112-100, Energy meter'Steel', Modbus RS485, Three-phase, 1 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. Three phase transformer 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
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Technique

Normes et standards	IEC 62052-11, IEC 62053-21, EN 50470-1, EN 50470-3
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Fonction	Electricity meter
Sub-Function	Steel
Tension nominale (U_r)	3x57.7-288 V
Voltage Range	3x47...331 V
Courant nominal (I_n)	1 A Maximum 6 A
Intensité de courant	1 A
Fréquence assignée (f)	50 / 60 Hz
	0.801 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	4
Nombre de phases	Three-phase
Number of Counter Positions	7
Nombre d'entrées/sorties numériques	1 DO
Meter Type	Transformer 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
Additional Information	CT (1A, 5A)
Communication	Modbus RTU
Connecting Capacity Main Circuit	0.5 ... 10 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	2CMC484005D0001
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	7
Produit Largeur Net	123 mm
Produit Hauteur Net	26.5 mm
Produit Longueur Net	65 mm
Poids net	0.363 kg
Taille	97X123X65

Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	0.453 kg
E-Number (Finland)	6625060
E-Number (Sweden)	0900069

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CMC484002D0001
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Installation

Instructions et manuels	2CMC484003M0201
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Downloads Préférés

Fiche produit, informations techniques	2CMC484001M0201
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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	90283019
eClass	V11.0 : 27142316
Code de classification d'objet	P

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CSG225995R1101	CT MAX 1000 Current transformer	CT MAX 1000	1	piece

2CSG226055R1101	CT MAX 1000 SELV Current transformer	CT MAX 1000 SELV	1	piece
2CSG225945R1101	CT MAX 300 Current transformer	CT MAX 300	1	piece
2CSG226005R1101	CT MAX 300 SELV Current transformer	CT MAX 300 SELV	1	piece
2CSG225955R1101	CT MAX 400 Current transformer	CT MAX 400	1	piece
2CSG226015R1101	CT MAX 400 SELV Current transformer	CT MAX 400 SELV	1	piece
2CSG225965R1101	CT MAX 500 Current transformer	CT MAX 500	1	piece
2CSG226025R1101	CT MAX 500 SELV Current transformer	CT MAX 500 SELV	1	piece
2CSG225975R1101	CT MAX 600 Current transformer	CT MAX 600	1	piece
2CSG226035R1101	CT MAX 600 SELV Current transformer	CT MAX 600 SELV	1	piece
2CSG225985R1101	CT MAX 800 Current transformer	CT MAX 800	1	piece
2CSG226045R1101	CT MAX 800 SELV Current transformer	CT MAX 800 SELV	1	piece
2CSG225785R1101	CT PRO XT 100 Current transformer	CT PRO XT 100	1	piece
2CSG225885R1101	CT PRO XT 100 SELV Current transformer	CT PRO XT 100 SELV	1	piece
2CSG225795R1101	CT PRO XT 150 Current transformer	CT PRO XT 150	1	piece
2CSG225895R1101	CT PRO XT 150 SELV Current transformer	CT PRO XT 150 SELV	1	piece
2CSG225805R1101	CT PRO XT 200 Current transformer	CT PRO XT 200	1	piece
2CSG225905R1101	CT PRO XT 200 SELV Current transformer	CT PRO XT 200 SELV	1	piece
2CSG225815R1101	CT PRO XT 250 Current transformer	CT PRO XT 250	1	piece
2CSG225915R1101	CT PRO XT 250 SELV Current transformer	CT PRO XT 250 SELV	1	piece
2CSG225825R1101	CT PRO XT 300 Current transformer	CT PRO XT 300	1	piece
2CSG225925R1101	CT PRO XT 300 SELV Current transformer	CT PRO XT 300 SELV	1	piece
2CSG225745R1101	CT PRO XT 40 Current transformer	CT PRO XT 40	1	piece
2CSG225845R1101	CT PRO XT 40 SELV Current transformer	CT PRO XT 40 SELV	1	piece
2CSG225835R1101	CT PRO XT 400 Current transformer	CT PRO XT 400	1	piece
2CSG225935R1101	CT PRO XT 400 SELV Current transformer	CT PRO XT 400 SELV	1	piece
2CSG225755R1101	CT PRO XT 50 Current transformer	CT PRO XT 50	1	piece
2CSG225855R1101	CT PRO XT 50 SELV Current transformer	CT PRO XT 50 SELV	1	piece
2CSG225765R1101	CT PRO XT 60 Current transformer	CT PRO XT 60	1	piece
2CSG225865R1101	CT PRO XT 60 SELV Current transformer	CT PRO XT 60 SELV	1	piece
2CSG225775R1101	CT PRO XT 80 Current transformer	CT PRO XT 80	1	piece
2CSG225875R1101	CT PRO XT 80 SELV Current transformer	CT PRO XT 80 SELV	1	piece

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



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