



PRODUCT-DETAILS

A44 213-100

A44 213-100, Energy meter'Bronze', M-bus, Three-phase, 1 A



General Information	
Extended Product Type	A44 213-100
Product ID	2CMA170535R1000
ABB Type Designation	A44 213-100
EAN	7392696705356
Catalog Description	A44 213-100, Energy meter'Bronze', M-bus, Three-phase, 1 A
Long Description	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 connectedfor active and reactive energy. Import and export of energy in different registers and one total. One output for pulses or alarm etc. M-Bus communication.Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

Eco Transparency	
Environmental Product Declaration - EPD	9AKK108467A4138

Technical	
Standards	EN 50470-3
Function	Electricity meter
Sub-Function	Bronze
Rated Voltage (U _r)	3x57.7-288 V
Voltage Range	3x47...331 V
Rated Current (I _n)	1 A Maximum 6 A
Current Rating	1 A
Rated Frequency (f)	50 / 60 Hz
	0.801 W
Communication Interface	M-bus
Accuracy	Active Energy Class B MID (±1%)
Measuring Instrument Conformity	Measurement Instrument Directive (MID)
Meter Tariff Rating	One-Tariff
Pulse Output Rate	1-999999
Number of Poles	4
Number of Phases	Three-phases
Number of Counter Positions	7
Number of Digital In/Outputs	1 DO
Meter Type	Transformer connected
Mounting Type	DIN-Rail
Pulse Output Type	Electrical
Type of Indicator	Digital
Enclosure Material	Polycarbonate in transparent front glass. Glass reinforced polycarbonate in bottom case and upper case. Polycarbonate in terminal cover.
I/O Option	1 digital output
Additional Information	CT (1A, 5A)
Communication	M-Bus
Connecting Capacity Main Circuit	0.5 ... 10 mm²

Material Compliance	
RoHS Information	2CMC484006
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
RoHS Date	2011-44
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental	
Ambient Air Temperature	Operation -40 ... 70 °C
Degree of Protection	IP20
Environmental Information	2CMC484005D0001

Dimensions				
Width in Number of Modular Spacings				7
Product Net Width			123 mm	
Product Net Height			26.5 mm	
Product Net Depth / Length			65 mm	
Product Net Weight			0.363 kg	
Size			97X123X65	

Ordering				
Package Level 1 Units			box 1 piece	
Package Level 1 Gross Weight			0.453 kg	
E-Number (Finland)			6701025	
E-Number (Sweden)			0980717	

Certificates and Declarations				
Declaration of Conformity - CE			2CMC484002D0001	

Installation				
Instructions and Manuals			2CMC484003M0201	

Popular Downloads				
Data Sheet, Technical Information			2CMC484001M0201	

Classifications				
ETIM 8			EC001506 - Kilowatt-hour meter	
ETIM 9			EC001506 - Kilowatt-hour meter	
WEEE Category		5. Small Equipment (No External Dimension More Than 50 cm)		
WEEE B2C / B2B			Business To Consumer	
CN8			90283019	
eClass			V11.0 : 27142316	
Object Classification Code				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

Categories

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

