PRODUCT-DETAILS

A41 313-100

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General Information

Extended Product Type	A41 313-100
Product ID	2CMA170504R1000
ABB Type Designation	A41 313-100
EAN	7392696705042
Catalog Description	A41 313-100 A41 313-100
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. 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. M-Bus communication.Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

Technical

Standards	IEC 62052-11
Product Name	A41 313-100
Function	Electricity meter
Sub-Function	Silver
Rated Voltage (U_r)	(Un) N-L 57.7 ... 288 V
Rated Current (I_n)	80 A
Current Rating	80 A
Frequency (f)	50 ... 60 Hz
	0.807 W

Communication Interface	M-bus
Accuracy	Active Energy Class ±1% (or B for MID meters). Reactive Energy Class ±2%.
Pulse Output Rate	1...999999
Number of Phases	1
Number of Counter Positions	7
ABB Type Designation	A41 313-100
Energy Meter Type	Effective Power Blind Power
Meter Type	Direct connected
Mounting Type	DIN rail
Pulse Output Type	Electrical
Type of Indicator	Digital
Enclosure Material	Plastic
Communication	M-Bus TP
Model Number	Direct measurement
Connecting Capacity Main Circuit	1 ... 25 mm^2

Environmental

Ambient Air Temperature	Operation -40 ... 70 °C
Degree of Protection	IP20
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Environmental Information	2CMC484004D0001

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.246 kg
Size	97X70X65

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	100 mm
Package Level 1 Height	68 mm
Package Level 1 Depth / Length	94 mm
Package Level 1 Gross Weight	0.318 kg
Package Level 1 EAN	7392696705042

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	90283011
E-Number (Finland)	6701006
E-Number (Sweden)	0980685

Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMC484003D0001
Environmental Information	2CMC484004D0001
Instructions and Manuals	2CMC484010M4901
RoHS Information	2CMC484006

Popular Downloads

Data Sheet, Technical Information	2CMC484002M0201
Instructions and Manuals	2CMC484010M4901

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	Gateway energy analyzer	QA/S3.16.1	1	piece
2CDG110227R0011	Gateway energy analyzer	QA/S3.64.1	1	piece
2CDG110228R0011	Gateway energy analyzer	QA/S4.16.1	1	piece
2CDG110229R0011	Gateway energy analyzer	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


18.72
kWh