

PRODUCT-DETAILS

# B21 313-100

Active Energy Class  $\pm 1\%$  (or B for MID meters).  
Reactive Energy Class  $\pm 2\%$ ;



## General Information

Extended Product Type	B21 313-100
Product ID	2CMA100156R1000
ABB Type Designation	B21 313-100
EAN	7392696001564
Catalog Description	Active Energy Class $\pm 1\%$ (or B for MID meters). Reactive Energy Class $\pm 2\%$ ;
Long Description	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. M-Bus communication. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

## Ordering

E-Number (Finland)	6625032
E-Number (Sweden)	0900035
EAN	7392696001564
Minimum Order Quantity	1 piece
Customs Tariff Number	90283011

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## Dimensions

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Product Net Width	35 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.15 kg

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## Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	70 mm
Package Level 1 Height	50 mm
Package Level 1 Depth / Length	102 mm
Package Level 1 Gross Weight	0.20 kg
Package Level 1 EAN	7392696001564

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## Environmental

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Ambient Air Temperature	Operation -40 ... +70 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

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## Additional Information

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Accuracy	Active Energy Class $\pm 1\%$ (or B for MID meters). Reactive Energy Class $\pm 2\%$ .
Communication Interface	M-bus
Communication	M-Bus TP
Connecting Capacity Main Circuit	1 ... 25 mm <sup>2</sup>
Current Rating	65 A
Degree of Protection	IP20
Enclosure Material	Plastic
Frequency (f)	50/60 Hz
Function	Electricity meter
Meter Type	Direct connected
Mounting Type	DIN rail
Number of Phases	1
	0.414 W
Product Main Type	B21
Product Name	B21 313-100
Rated Current ( $I_n$ )	65 A
Rated Voltage ( $U_r$ )	(Un) N-L 220 ... 240 V
RoHS Date	2012-36
Standards	EN 50470-1
Sub-Function	Silver

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## Certificates and Declarations (Document Number)

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Data Sheet, Technical Information	2CMC485004M0201
Declaration of Conformity - CE	2CMC485001D0001
Environmental Information	2CMC485004D0001
Instructions and Manuals	2CMC485019M0201
RoHS Information	2CMC485005

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## Classifications

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ETIM 4	EC001506 - Electronic kilowatt-hour meter
ETIM 5	EC001506 - Kilowatt-hour meter
ETIM 6	EC001506 - Kilowatt-hour meter
ETIM 7	EC001506 - Kilowatt-hour meter
Object Classification Code	P
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

