

# B21 312-100



Products → Low Voltage Products and Systems → Modular DIN Rail Products → Electricity Meters for DIN Rail  
→ Electricity Meters

## General Information

<b>Extended Product Type:</b>	B21 312-100
<b>Product ID:</b>	2CMA100155R1000
<b>ABB Type Designation:</b>	B21 312-100
<b>EAN:</b>	7392696001557
<b>Catalog Description:</b>	Active energy Cl. B;
<b>Long Description:</b>	Electricity meter, 1 phase, Active energy Cl. 1 & B, Reactive energy Cl. 2, Approved according to: IEC 62052-11, IEC 62053-21, IEC 62053-23, EN 50470-1, EN 50470-3

## Ordering

<b>EAN:</b>	7392696001557
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<b>Minimum Order Quantity:</b>	1 piece
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<b>Customs Tariff Number:</b>	90283011
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## Dimensions

<b>Product Net Width:</b>	35 mm
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<b>Product Net Height:</b>	97 mm
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<b>Product Net Depth:</b>	65 mm
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<b>Product Net Weight:</b>	0.15 kg
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## Container Information

<b>Package Level 1 Units:</b>	1 piece
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<b>Package Level 1 Width:</b>	70 mm
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<b>Package Level 1 Height:</b>	50 mm
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<b>Package Level 1 Length:</b>	102 mm
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<b>Package Level 1 Gross Weight:</b>	0.20 kg
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<b>Package Level 1 EAN:</b>	7392696001557
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## Environmental

<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment
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## Additional Information

<b>Accuracy:</b>	Active energy Cl. B
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<b>Communication Interface:</b>	IR port
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<b>Communication:</b>	Modbus RTU / EQ bus
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<b>Connecting Capacity Main Circuit:</b>	1 ... 25 mm <sup>2</sup>
<b>Degree of Protection:</b>	IP20
<b>Enclosure Material:</b>	Plastic
<b>Frequency (f):</b>	50/60 Hz
<b>Function:</b>	Electricity meter
<b>Meter Type:</b>	Direct connected
<b>Mounting Type:</b>	DIN rail
<b>Number of Phases:</b>	1
<b>Product Main Type:</b>	B21
<b>Product Name:</b>	Electricity Meter
<b>Rated Current (I<sub>n</sub>):</b>	65 A
<b>Rated Voltage (U<sub>r</sub>):</b>	220 ... 240 V
<b>RoHS Date:</b>	2012-36
<b>Standards:</b>	IEC 62053-23
<b>Sub-Function:</b>	Silver

#### Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	2CMC481003C0201
<b>Declaration of Conformity - CE:</b>	2CMC485001D0001
<b>Environmental Information:</b>	2CMC485004D0001
<b>Instructions and Manuals:</b>	2CMC485013M0201
<b>RoHS Information:</b>	2CMC485005

#### Classifications

<b>E-nummer:</b>	0900034
<b>ETIM 4:</b>	EC001506 - Electronic kilowatt-hour meter
<b>ETIM 5:</b>	EC001506 - Kilowatt-hour meter
<b>ETIM 6:</b>	EC001506 - Kilowatt-hour meter
<b>Object Classification Code:</b>	P

