

# A43 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>	A43 312-100
<b>Product ID:</b>	2CMA170525R1000
<b>ABB Type Designation:</b>	A43 312-100
<b>EAN:</b>	7392696705257
<b>Catalog Description:</b>	Reactive energy Cl. 2;
<b>Long Description:</b>	Electricity meter, 3 phase, Active energy Cl. 1 & B, Approved according to: IEC 62052-11, IEC 62053-21, EN 50470-1, EN 50470-3

## Ordering

<b>EAN:</b>	7392696705257
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	90283019

## Dimensions

<b>Product Net Width:</b>	123 mm
<b>Product Net Height:</b>	97 mm
<b>Product Net Depth:</b>	65 mm
<b>Product Net Weight:</b>	0.448 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	98 mm
<b>Package Level 1 Height:</b>	68 mm
<b>Package Level 1 Length:</b>	144 mm
<b>Package Level 1 Gross Weight:</b>	0.538 kg
<b>Package Level 1 EAN:</b>	7392696705257

## Environmental

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

## Additional Information

<b>Accuracy:</b>	Reactive energy Cl. 2
<b>Communication Interface:</b>	Pulse output
<b>Communication:</b>	Modbus RTU / EQ bus
<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>	3
<b>Product Main Type:</b>	A43
<b>Product Name:</b>	Electricity Meter
<b>Rated Current (I<sub>n</sub>):</b>	80 A
<b>Rated Voltage (U<sub>r</sub>):</b>	3x100 ... 3x500 V
<b>RoHS Date:</b>	2011-44
<b>Standards:</b>	IEC 62053-21
<b>Sub-Function:</b>	Silver

## Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	2CMC480001C0201
<b>Declaration of Conformity - CE:</b>	2CMC484003D0001
<b>Environmental Information:</b>	2CMC484004D0001
<b>Instructions and Manuals:</b>	2CMC484003M0201
<b>RoHS Information:</b>	2CMC484006

## Classifications

<b>E-number:</b>	0980707
<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

