

PRODUCT-DETAILS

B23 113-100

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General Information

Extended Product Type	B23 113-100
Product ID	2CMA100165R1000
ABB Type Designation	B23 113-100
EAN	7392696001656
Catalog Description	B23 113-100 B23 113-100
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. Three phase direct connected for active energy. 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.

Technical

Standards	EN 50470-1
Product Name	B23 113-100
Function	Electricity meter
Sub-Function	Steel
Rated Voltage (U _r)	(Un) N-L 220 ... 240 V (Un) L-L 380 ... 415 V
Rated Current (I _n)	65 A
Current Rating	65 A
Frequency (f)	50/60 Hz 0.721 W
Communication	M-bus

Interface	
Accuracy	Active Energy Class $\pm 1\%$ (or B for MID meters).
Pulse Output Rate	1...999999
Number of Phases	3
Number of Counter Positions	7
ABB Type Designation	B23 113-100
Energy Meter Type	Effective 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	2CMC485003D0001

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	0.33 kg
Size	96X70X65

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	0.41 kg
Package Level 1 EAN	7392696001656

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	90283019
E-Number (Finland)	6625035
E-Number (Sweden)	0900038
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMC485001D0001
Environmental Information	2CMC485003D0001
Instructions and Manuals	2CMC485019M0201
RoHS Information	2CMC485006

Popular Downloads

Data Sheet, Technical Information	2CMC485003M0201
Instructions and Manuals	2CMC485019M0201

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	90283019
Object Classification Code	P

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
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

