

PRODUCT-DETAILS

B23 112-100

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



General Information

Extended Product Type	B23 112-100
Product ID	2CMA100164R1000
ABB Type Designation	B23 112-100
EAN	7392696001649
Catalog Description	Active Energy Class $\pm 1\%$ (or B for MID meters).;
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. RS-485 communication over Modbus RTU or EQ Bus. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

Ordering

E-Number (Finland)	6625034
E-Number (Sweden)	0900037
EAN	7392696001649
Minimum Order Quantity	1 piece
Customs Tariff Number	90283019

Dimensions

Product Net Width	70 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.32 kg

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	0.39 kg
Package Level 1 EAN	7392696001649

Environmental

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

Additional Information

Accuracy	Active Energy Class $\pm 1\%$ (or B for MID meters).	
Communication Interface	Modbus	
Communication	MODBUS RTU	
Connecting Capacity Main Circuit	1 ... 25 mm ²	
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	3	
	0.721 W	
Product Main Type	B23	
Product Name	B23 112-100	
Rated Current (I_n)	65 A	
Rated Voltage (U_r)	(Un) N-L 220 ... 240 V (Un) L-L 380 ... 415 V	
RoHS Date	2012-36	
Standards	EN 50470-1	
Sub-Function	Steel	

Certificates and Declarations (Document Number)	
Data Sheet, Technical Information	2CMC485003M0201
Declaration of Conformity - CE	2CMC485001D0001
Environmental Information	2CMC485003D0001
Instructions and Manuals	2CMC485019M0201
RoHS Information	2CMC485006

Classifications	
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)

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

