PRODUCT-DETAILS

B24 111-100

B24 111-100, Energy meter'Steel', IR port, Three -phase, 1 A



General Information

Extended Product Type	B24 111-100
Product ID	2CMA100177R1000
ABB Type Designation	B24 111-100
EAN	7392696001779
Catalog Description	B24 111-100, Energy meter'Steel', IR port, Three-phase, 1 A
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 transformer connectedfor active energy. One output for pulses or alarm etc. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID approved and verified.

Technical

Standards	EN 50470-1
Function	Electricity meter
Sub-Function	Steel
Rated Voltage (U_r)	3x220-240 V
Voltage Range	3x176…276 V
Rated Current (I_n)	1 A Maximum 6 A
Current Rating	1 A

Rated Frequency (f)	50 / 60 Hz
	0.721 W
Communication Interface	IR port
Accuracy	Active Energy Class B MID (±1%)
Measuring Instrument Conformity	Measurement Instrument Directive (MID)
Meter Tariff Rating	One-Tariff
Pulse Output Rate	1-999999
Number of Poles	4
Number of Phases	Three-phase
Number of Counter Positions	7
Number of Digital In/Outputs	1 DO
ABB Type Designation	B24 111-100
Meter Type	Transformer connected
Mounting Type	DIN rail
Pulse Output Type	Electrical
Type of Indicator	Digital
Enclosure Material	Polycarbonate in transparent front glass. Glass reinforced polycarbonate in bottom case and upper case. Polycarbonate in terminal cover.
I/O Option	1 digital output
Additional Information	CT (1A, 5A)
Connecting Capacity Main Circuit	0.5 ... 10 mm²

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	0.25 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	0.32 kg
Package Level 1 EAN	7392696001779

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	90283019
E-Number (Finland)	6625040
E-Number (Sweden)	0900044
Country of Origin	Italy (IT)

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMC485002D0001
Environmental Information	2CMC485003D0001
Environmental Product Declaration - EPD	9AKK108467A4138
Instructions and Manuals	2CMC485019M0201
RoHS Information	2CMC485007

Popular Downloads

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

Classifications

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
eClass	V11.0 : 27142316
Object Classification Code	P

Categories

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


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