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 PRODUCT-DETAILS

## B24 352-400

### Energy meter 'Silver', Modbus RS485, Three-phase, 6 A




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**General Information**

Extended Product Type	B24 352-400
Product ID	2CMA100839R1000
EAN	6957625370350

Catalog Description	Energy meter 'Silver', Modbus RS485, Three-phase, 6 A
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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 connected for active and reactive energy. Import and export of energy in different registers and one total. Resettable register for intermediate values. Up to four tariffs. Two outputs and inputs for pulses or alarm etc. RS-485 communication over Modbus RTU or EQ Bus. Accuracy class 0,5 (or C for MID meters). The meters is CMC approved + MID approved and verified.
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**ABB EcoSolutions**

Environmental Product Declaration - EPD	9AKK108467A4138
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## Technical

Standards	standard in conformity with CMC approval
Function	Electricity meter
Sub-Function	Silver
Rated Voltage ( $U_r$ )	3x220-240 V
Rated Current ( $I_n$ )	1 A Maximum 6 A
Current Rating	6 A
Rated Frequency (f)	50 / 60 Hz 0.721 W
Communication Interface	Modbus RS485
Accuracy	Active Energy Class $\pm 0.5\%$
Measuring Instrument Conformity	Domestic
Meter Tariff Control	External
Meter Tariff Rating	Multi-Tariff
Pulse Output Rate	1-999999
Number of Poles	3 or 4
Number of Phases	Three-phase
Number of Counter Positions	7
Number of Digital In/Outputs	2 DI 2 DO
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.
Connecting Capacity Main Circuit	0.5 ... 10 mm <sup>2</sup>

## Material Compliance

RoHS Information	2CSC445028D2702
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	2021-06
REACH Declaration	Following EU Regulation (EC) No 1907/2006
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation -40 ... 70 °C
Degree of Protection	IP20

## 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	0.27 kg

### Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.35 kg

### Certificates and Declarations

Declaration of Conformity - CE	No declaration needed
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### Installation

Instructions and Manuals	2CMC485019M0201
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### Popular Downloads

Data Sheet, Technical Information	2CMC485003M0201
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### Classifications

ETIM 8	EC001506 - Kilowatt-hour meter
ETIM 9	EC001506 - Kilowatt-hour meter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	90283011
eClass	V11.0 : 27142316
Object Classification Code	P

### Categories

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

