

# ABB A42 Single Phase CT

## Part Code: AB004SC

Advanced DIN-rail meter with a large and easy to read back lighted pixel-oriented display. The meter is intended for use in the industry, commercial buildings etc. The meter can be used in 3 or 4 wire systems with a wide voltage range. The meter has several instrumentation values, 25 possible alarms and event logs. Single phase transformer connected for active energy. One output for pulses or alarm etc. M-Bus communication. Accuracy class 1.0 (or B for MID meters). The meter is IEC approved +MID approved and verified.



### Dimensions

Product Net Width	70 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.207 kg

### Container Information

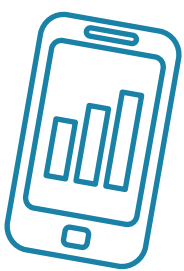
Package Level 1 Units	1 piece
Package Level 1 Width	100 mm
Package Level 1 Height	68 mm
Package Level 1 Depth / Length	94 mm
Package Level 1 Gross Weight	0.279 kg
Package Level 1 EAN	7392696002424

### 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	M-Bus
Communication	M-Bus TP
Connecting Capacity Main Circuit	0.5 ... 10 mm <sup>2</sup>
Current Rating	6 A
Degree of Protection	IP20
Enclosure Material	Plastic
Frequency (f)	50 ... 60 Hz
Function	Electricity meter
Meter Type	Transformer connected
Mounting Type	DIN rail
Number of Phases	1
Product Main Type	A42
Product Name	Electricity Meter



### Managed Services

- Meter Data Management
- Billing Solutions
- PAYG Management
- Online Account Management

[sycous.com](http://sycous.com)

Rated Current (In)	6 A
Rated Voltage (Ur)	(Un) N-L 57,7 ... 288 V
RoHS Date	2011-44
Standards	IEC 62052-11, IEC 62053-21, EN 50470-1, EN 50470-3
Sub-Function	Steel

### Certificates and Declarations (Document Number)

Data Sheet, Technical Information	2CMC484002M0201
Declaration of Conformity - CE	2CMC484002D0001
Environmental Information	2CMC484005D0001
Instructions and Manuals	2CMC484010M4901
RoHS Information	2CMC484006

### 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)



### Data Collection

Wired Networks

Wireless Networks

IoT Technologies

Mbus & Pulse for any network

[sycous.com](http://sycous.com)

