

PRODUCT-DETAILS

# A41 412-600

## A41 412-600, Energy meter'Gold', Modbus RS485, Single-phase, 80 A



### General Information

Extended Product Type	A41 412-600
Product ID	2CMA223103R1000
EAN	8012542231035
Catalog Description	A41 412-600, Energy meter'Gold', Modbus RS485, Single-phase, 80 A
Long Description	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 direct connected for active energy. One output for pulses or alarm etc. Accuracy class 1.0 (or B for MID meters). The meters is IEC approved + MID and METAS approved and verified.

### Technical

Function	Electricity meter
Sub-Function	Gold
Rated Voltage (U <sub>r</sub> )	57.7-288 V
Current Rating	80 A
Rated Frequency (f)	50 / 60 Hz
Communication Interface	Modbus RS485
Accuracy	Active Energy Class ±1%
Meter Tariff Rating	Multi-Tariff
Pulse Output Rate	1-999999

Number of Phases	Single-phase
Number of Counter Positions	7
Number of Digital In/Outputs	2 DI 2 DO
Meter Type	Direct connected
Enclosure Material	Polycarbonate in transparent front glass. Glass reinforced polycarbonate in bottom case and upper case. Polycarbonate in terminal cover.
Number of Batteries	0

## Environmental

RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment
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## Dimensions

Product Net Width	70 mm
Product Net Height	26.5 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.246 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	0.318 kg
Package Level 1 EAN	8012542231035

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	90283011
Country of Origin	Italy (IT)

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	No declaration needed
Instructions and Manuals	2CMC484010M4901
RoHS Information	2CMC484006

## Popular Downloads

Data Sheet, Technical Information	2CMC484002M0201
Instructions and Manuals	2CMC484010M4901

## 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	90283011
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

