



PRODUCT-DETAILS

M4M 30-M MODBUS

M4M 30-M MODBUS Network analyzer



General Information	
Extended Product Type	M4M 30-M MODBUS
Product ID	2CSG239035R4051
EAN	8012542390350
Catalog Description	M4M 30-M MODBUS Network analyzer
Long Description	M4M 30-M Modbus is a network analyzer with MID approval, 4 programmable I/O, aux supply 48-240 V AC/DC, Bluetooth and Modbus RTU

Technical	
Rated Voltage (U _r)	3 x 230 (400) V 3 x 400 (690) V
Secondary Voltage	400 V
Voltage Range	3x184...264 V
Auxiliary Voltage AC/DC	48...240 V AC/DC
Rated Current (I _n)	0.01 ... 1(6) A
Current Rating	1 A
Secondary Current	5 A 1 A

Frequency (f)	50 ... 60 Hz
	Max 10 V·A
Accuracy	Active energy: Class 0,5 acc. to IEC 61557-12 Class 0,5S acc. to IEC 62053-22 Reactive energy: Class 2 acc. to IEC 61557-12 Class 2S acc. to IEC 62053-23 Active power: Class 0,5 acc. to IEC 61557-12 Reactive power: Class 1 acc. to IEC 61557-12 Apparent power: Class 0,5 acc. to IEC 61557-12 Voltage: Class 0,2 acc. to IEC 61557-12 Current: Class 0,2 acc. to IEC 61557-12 Neutral current: Class 0,2 acc. to IEC 61557-12 Frequency: Class 0,1 acc. to IEC 61557-12 Unbalances (current, voltage): Class 0,2 acc. to IEC 61557-12 Harmonics, THD (current, voltage): Class 1 acc. to IEC 61557-12
Measuring Instrument	Domestic
Conformity	
Meter Tariff Control	Internal External
Meter Tariff Rating	Multi-Tariff
Pulse Output Rate	1 ... 999999
Model Number	Measurement transformer
Number of Poles	3 or 4
Number of Phases	Three-phase
Number of Counter Positions	9
Number of Digital In/Outputs	4 programmable I/O
Energy Meter Type	Effective Power Blind Power
Meter Type	Transformer connected
Mounting Type	Front Panel
Type of Indicator	Digital
I/O Option	4 programmable I/O
Additional Information	CT (1A, 5A)
Communication	Modbus RTU, Bluetooth

Material Compliance	
RoHS Information	2CSC445028D2702
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	Not applicable
REACH Declaration	Following EU Regulation (EC) No 1907/2006
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental	
Degree of Protection	IP54

Dimensions	
Width in Number of Modular Spacings	5.5
Product Net Width	96 mm
Product Net Height	96 mm
Product Net Depth / Length	78 mm
Product Net Weight	0.341 kg

Ordering	
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.50 kg
E-Number (Finland)	6719020

Certificates and Declarations	
Declaration of Conformity - CE	9AKK107680A0174

Installation	
Instructions and Manuals	2CSG445040D0201

Popular Downloads	
Data Sheet, Technical Information	2CSG445042D0201

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	90303100
eClass	V11.0 : 27142316

Accessories	
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Identifier	Description	Type	Quantity	Unit Of Measure
2CSG225995R1101	CT MAX 1000 Current transformer	CT MAX 1000	1	piece
2CSG226055R1101	CT MAX 1000 SELV Current transformer	CT MAX 1000 SELV	1	piece
2CSG225945R1101	CT MAX 300 Current transformer	CT MAX 300	1	piece
2CSG226005R1101	CT MAX 300 SELV Current transformer	CT MAX 300 SELV	1	piece
2CSG225955R1101	CT MAX 400 Current transformer	CT MAX 400	1	piece
2CSG226015R1101	CT MAX 400 SELV Current transformer	CT MAX 400 SELV	1	piece
2CSG225965R1101	CT MAX 500 Current transformer	CT MAX 500	1	piece
2CSG226025R1101	CT MAX 500 SELV Current transformer	CT MAX 500 SELV	1	piece
2CSG225975R1101	CT MAX 600 Current transformer	CT MAX 600	1	piece
2CSG226035R1101	CT MAX 600 SELV Current transformer	CT MAX 600 SELV	1	piece
2CSG225985R1101	CT MAX 800 Current transformer	CT MAX 800	1	piece
2CSG226045R1101	CT MAX 800 SELV Current transformer	CT MAX 800 SELV	1	piece
2CSG225785R1101	CT PRO XT 100 Current transformer	CT PRO XT 100	1	piece
2CSG225885R1101	CT PRO XT 100 SELV Current transformer	CT PRO XT 100 SELV	1	piece
2CSG225795R1101	CT PRO XT 150 Current transformer	CT PRO XT 150	1	piece
2CSG225895R1101	CT PRO XT 150 SELV Current transformer	CT PRO XT 150 SELV	1	piece
2CSG225805R1101	CT PRO XT 200 Current transformer	CT PRO XT 200	1	piece
2CSG225905R1101	CT PRO XT 200 SELV Current transformer	CT PRO XT 200 SELV	1	piece
2CSG225815R1101	CT PRO XT 250 Current transformer	CT PRO XT 250	1	piece
2CSG225915R1101	CT PRO XT 250 SELV Current transformer	CT PRO XT 250 SELV	1	piece
2CSG225825R1101	CT PRO XT 300 Current transformer	CT PRO XT 300	1	piece
2CSG225925R1101	CT PRO XT 300 SELV Current transformer	CT PRO XT 300 SELV	1	piece
2CSG225745R1101	CT PRO XT 40 Current transformer	CT PRO XT 40	1	piece
2CSG225845R1101	CT PRO XT 40 SELV Current transformer	CT PRO XT 40 SELV	1	piece
2CSG225835R1101	CT PRO XT 400 Current transformer	CT PRO XT 400	1	piece
2CSG225935R1101	CT PRO XT 400 SELV Current transformer	CT PRO XT 400 SELV	1	piece
2CSG225755R1101	CT PRO XT 50 Current transformer	CT PRO XT 50	1	piece
2CSG225855R1101	CT PRO XT 50 SELV Current transformer	CT PRO XT 50 SELV	1	piece
2CSG225765R1101	CT PRO XT 60 Current transformer	CT PRO XT 60	1	piece
2CSG225865R1101	CT PRO XT 60 SELV Current transformer	CT PRO XT 60 SELV	1	piece
2CSG225775R1101	CT PRO XT 80 Current transformer	CT PRO XT 80	1	piece
2CSG225875R1101	CT PRO XT 80 SELV Current transformer	CT PRO XT 80 SELV	1	piece
2CCG000242R0001	SCU100 Control unit	SCU100	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

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Energy Efficiency Devices → Network Analyzers and Multimeters

