



PRODUCT-DETAILS

M4M 20-M MODBUS

M4M 20-M MODBUS Network analyzer



General Information	
Extended Product Type	M4M 20-M MODBUS
Product ID	2CSG239055R4051
EAN	8012542390558
Catalog Description	M4M 20-M MODBUS Network analyzer
Long Description	M4M 20-M Modbus is a network analyzer with MID approval, 2 digital outputs, 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 2 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: Calculated 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		
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	
Energy Meter Type	Effective Power Blind Power	
Meter Type	Transformer connected	
Mounting Type	Front Panel	
Type of Indicator	Digital	
I/O Option	2 digital outputs	
Additional Information	CT (1A, 5A)	
Communication	Modbus RTU, Bluetooth	

Material Compliance

RoHS Information	9AKK107680A0174
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20240320
REACH Declaration	9AKK108467A9482
Conflict Minerals	9AKK108468A3363
Reporting Template (CMRT)	

Environmental

Degree of Protection	IP54
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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	0.313 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.50 kg
E-Number (Finland)	6719018

Certificates and Declarations

Declaration of Conformity	9AKK107680A0174
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- CE

Installation

Instructions and Manuals	2CSG445030D0201
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Popular Downloads

Data Sheet, Technical Information	2CSG445032D0201
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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	90303100
eClass	V11.0 : 27142316

Accessories

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

