



PRODUCT-DETAILS

M4M 20 ROGOWSKI

M4M 20 ROGOWSKI Network analyzer



General Information	
Extended Product Type:	M4M 20 ROGOWSKI
Product ID:	2CSG207081R4051
EAN:	8012542070818
Catalog Description:	M4M 20 ROGOWSKI Network analyzer
Long Description:	M4M 20 ROGOWSKI is a network analyzer with Rogowski coil acceptance, 2 digital outputs, aux supply 48-240 V AC/DC, Bluetooth and Modbus RTU
Display Name:	M4M 20 ROGOWSKI

ABB EcoSolutions	
Carbon Footprint (Full Lifecycle):	97.4121 kg CO ₂ eq
ABB EcoSolutions Profile:	9AKK108470A1669
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 54.85 %
Material Resource Reduction (wt. %):	Design for Reduced Resource Consumption - 22 %
ABB Site Meeting Group Waste To Landfill Target:	No non-hazardous waste is sent to a landfill UL 2799 Zero Waste To Landfill Validation available

Improved Energy Efficiency for Customers:

Product Efficiency - Product considered more energy-efficient compared to similar product on market or older products from the same line
 Product Efficiency - Product requires less energy to operate compared to similar product on market or older products from the same line
 Process Efficiency - Product improves/optimizes process
 Process Efficiency - Product contribute to making customer's operations more resilient and reliable
 Process Efficiency - Product contribute to reducing customer operations environmental footprint
 Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset

Extended Product Lifetime:

Product is Upgradable
 Lifetime extension of customer's assets is made possible thanks to offering and the supporting services

End Of Life Disassembling Instructions: 9AKK108470A0840

Environmental Product Declaration - EPD: 9AKK108469A8099

Technical

Current Rating:	5 A
Accuracy:	Active Energy $\pm 0.5\%$
Measuring Instrument Conformity:	Domestic
Meter Tariff Control:	Internal External
Meter Tariff Rating:	Multi-Tariff
Pulse Output Rate:	1 ... 999999
Model Number:	Measurement transformer
Number of Poles:	3P or 4P
Number of Phases:	3-phase
Number of Counter Positions:	8
Number of Digital In/Outputs:	2 Digital Outputs
Energy Meter Type:	Effective Power Blind Power
Pulse Output Type:	Electrical
Type of Indicator:	Digital
Additional Information:	Rogowski Coils
Communication:	Modbus RTU, Bluetooth

Electrical

Rated Voltage (U_r):	46 ... 400 (Un) N-L V 80 ... 690 (Un) L-L V
Voltage Range:	50 ... 400 V
Rated Current (I_n):	Maximum 6 A
Frequency (f):	142 ... 60 Hz
Power Consumption (@P_{cons}):	10 W

Material Compliance

RoHS Declaration:	9AKK107680A0174
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20250314
REACH Declaration:	9AKK108467A9482
REACH Information:	True - contains substances > 0.1 mass percentage
REACH Date:	20240429
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Consumer

Environmental

Ambient Air Temperature:	Operation -25 ... 70 °C
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:	77 mm
Product Net Weight:	298 g
Dimension Diagram:	2CSG445032D0201

Engineering

CAD Dimensional Drawing:	9AKK107492A5447
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Ordering

Package Level 1 Units:	box 1 piece
Package Level 1 Gross Weight:	0.545 kg
E-Number (Finland):	6701083
E-Number (Norway):	8002555

Certificates and Declarations

Declaration of Conformity - CE:	9AKK108467A6267
EU Data Act Compliance Declaration:	9AKK108471A5057

Installation

Instructions and Manuals:	2CSG445030D0201
Mounting Type:	Front Panel

Popular Downloads

Data Sheet, Technical Information:	9AKK107992A0896
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External Classifications and Standards

ETIM 9:	EC001506 - Kilowatt-hour meter
ETIM 10:	EC001506 - Electricity meter
eClass:	V11.0 : 27142316
Object Classification Code:	P

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
2CSG202160R1101	R4M-80 Rogowski coil	R4M-80	1	piece
2CSG202150R1101	R4M-200 Rogowski coil	R4M-200	1	piece
2CCG000242R0001	SCU100 InSite pro M compact	SCU100	1	piece

Categories

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



