



PRODUCT-DETAILS

D13 15-M 65 Modbus

Energy meter '15', Modbus, Three-phase, 65 A



General Information

Extended Product Type	D13 15-M 65 Modbus
Product ID	2CMA241765R1000
EAN	8012542636151
Catalog Description	Energy meter '15', Modbus, Three-phase, 65 A
Long Description	D13 15-M 65 Modbus is a three phase energy meter with Modbus RTU, direct connection up to 65 A, four quadrant metering, class B accuracy for active energy according to MID directive and class 2 for reactive energy according to IEC 62053-23, one digital input and one digital output, only three DIN module in width and housing in recycled plastic.

ABB EcoSolutions

ABB EcoSolutions	Yes
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 48.17 %
Material Resource Reduction (wt. %)	Design for Reduced Resource Consumption - 22.2 %
Sustainable Material Content in Product (wt. %)	Recycled Metal - 26 % Mechanically Recycled Polymer - 70 % Recycled Metal - 76 %

ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging (wt. %)	FSC Recycled Paperboard - 82 %
Improved Energy Efficiency for Customers	Product Efficiency - Product requires less energy to operate compared to similar product on market or older products from the same line
Offered with Takeback Services	Take Back for Recycling
End Of Life Disassembling Instructions	9AKK108469A4844
Environmental Product Declaration - EPD	9AKK108469A4516

Technical

Application	Purchase/supply
Function	Electricity meter
Sub-Function	15
Rated Voltage (U _r)	3x220 ... 240 V
Voltage Range	3x176...288 V
Rated Current (I _n)	5 A Maximum 65 A
Current Rating	65 A
Frequency (f)	50 / 60 Hz
Rated Frequency (f)	50 ... 60 Hz
	0.82 W
Communication Interface	Modbus
Accuracy	Active Energy Class B MID (±1%)
Measuring Instrument Conformity	Measurement Instrument Directive (MID)
Meter Tariff Control	Internal External
Meter Tariff Rating	Multi-Tariff
Pulse Output Rate	1-999999
Model Number	Direct measurement
Number of Poles	4P
Number of Phases	Three-phase
Number of Counter Positions	7
Number of Digital In/Outputs	1 DI + 1 DO
Meter Type	Direct connected
Mounting Type	DIN-Rail
Pulse Output Type	Electrical
Type of Indicator	Digital
Enclosure Material	Housing and terminal covers: made with at least 70% of recycle plastic Frontal Panel: UV resistant Polyester
I/O Option	1 digital output + 1 digital input
Communication	Modbus RTU
Number of Batteries	0
Connecting Capacity Main Circuit	1 ... 25 mm ²
Screen Size	1.65 in

Material Compliance

RoHS Information	9AKK108469A1599
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20240730
REACH Declaration	9AKK108467A9482
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240521
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 -40 ... +70 °C Storage -40 ... +85 °C
Degree of Protection	IP20

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	52.5 mm
Product Net Height	97 mm
Product Net Depth / Length	65 mm
Product Net Weight	250 g

Ordering

Package Level 1 Units	1 piece
Package Level 1 Gross Weight	0.272 kg
E-Number (Finland)	6719076
E-Number (Norway)	8002572

Installation

Instructions and Manuals	9AKK108469A1075
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Popular Downloads

Data Sheet, Technical Information	9AKK108468A8827
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External Classifications and Standards

ETIM 8	EC001506 - Kilowatt-hour meter
ETIM 9	EC001506 - Kilowatt-hour meter

eClass	V11.0 : 27142316
Standards	EN 50470-3 IEC 62052-11 IEC 62052-31 IEC 62053-21 IEC 62052-23

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CCG001157R0001	MAIN CONTROL UNIT INSITE2.0 SCU 200- W(WI-FI)	SCU200-W	1	piece
2CCG001158R0001	MAIN CONTROL UNIT INSITE2.0 SCU 200	SCU200	1	piece
2CDG120089R0011	MG/S11.100.1.1 Modbus RTU-KNX TP Gateway, MG/S11.100.1.100 Points, MDRC		1	piece

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Energy Efficiency Devices → Energy Meters

