



PRODUCT-DETAILS

D11 15-M 40 Mbus

Energy meter '15', M-bus (wired), Single-phase, 40 A



General Information

Extended Product Type	D11 15-M 40 Mbus
Product ID	2CMA241685R1000
EAN	8012542635857
Catalog Description	Energy meter '15', M-bus (wired), Single-phase, 40 A
Long Description	D11 15-M 40 Mbus is a single phase energy meter with M-Bus, direct connection up to 40 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 one DIN module in width and housing in recycled plastic.

ABB EcoSolutions

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A7385
Material Resource Reduction (wt. %)	Design for Reduced Resource Consumption - 49.4 %
Sustainable Material Content in Product (wt. %)	Recycled Metal - 26 % Mechanically Recycled Polymer - 70 % Recycled Metal - 76 %
ABB Site Meeting Group	No non-hazardous waste is sent to a landfill

Waste To Landfill Target

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	9AKK108469A6369
Environmental Product Declaration - EPD	9AKK108469A4516

Technical

Application	Purchase/supply
Function	Electricity meter
Sub-Function	15
Current Rating	40 A
Communication Interface	M-bus (wired)
Accuracy	Active Energy Class B MID ($\pm 1\%$)
Measuring Instrument Conformity	Measurement Instrument Directive (MID)
Meter Tariff Control	Internal External
Meter Tariff Rating	Two-Tariff
Pulse Output Rate	1-999999
Model Number	Direct measurement
Number of Poles	1P
Number of Phases	Single-phase
Number of Counter Positions	6
Number of Digital In/Outputs	1 DI + 1 DO
Meter Type	Direct connected
Pulse Output Type	Electrical
Type of Indicator	Digital
I/O Option	1 digital output + 1 digital input
Communication	M-Bus
Number of Batteries	0
Connecting Capacity Main Circuit	1 ... 10 mm ²

Electrical

Rated Voltage (U_r)	220 ... 240 V
Voltage Range	176...288 V
Rated Current (I_n)	5 A Maximum 40 A
Frequency (f)	50 / 60 Hz
Rated Frequency (f)	50 ... 60 Hz
	0.69 W

Design

Enclosure Material	Housing and terminal covers: made with at least 70% of recycle plastic Frontal Panel: UV resistant Polyester
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Material Compliance

RoHS Information	9AKK108469A1600
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	1
Product Net Width	17.5 mm
Product Net Height	92 mm
Product Net Depth / Length	65 mm
Product Net Weight	70 g
Screen Size	1 in

Ordering

Package Level 1 Units	1 piece
Package Level 1 Gross Weight	0.0777 kg
E-Number (Finland)	6719074
E-Number (Norway)	8002569

Installation

Instructions and Manuals	9AKK108469A1075
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical	9AKK108468A8828
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Information

External Classifications and Standards

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

Categories

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

