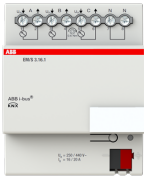




PRODUCT-DETAILS

EM/S3.16.1

EM/S3.16.1 Energy Module, 3-fold, 16/20 A, MDRC



General Information	
Extended Product Type	EM/S3.16.1
Product ID	2CDG110148R0011
EAN	4016779877060
Catalog Description	EM/S3.16.1 Energy Module, 3-fold, 16/20 A, MDRC
Long Description	measures energy consumption and various electrical parameters in the terminal current. Active power, Current, Voltage and Frequency can be monitored via threshold values and peak loads can be limited through a simple load control. The measured values are provided via ABB i-bus® KNX.

Installation	
Instructions and Manuals	2CDG941094P0002
Mounting Type	DIN-Rail

Technical	
Data Sheet, Technical	2CDC505119D0201

Information	2CDC512069D0201
Number of Outputs	3
Maximum Number of Switching Outputs	0
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Connection Type	Direct
Manual Operation	No
Number of Batteries	0

Electrical

Voltage Range	110 ... 230 V AC
Auxiliary Voltage AC/DC	KNX
Output Voltage (U _{out})	230 V AC
Maximum Switching Current	20 A
Power Loss	3 W

Material Compliance

RoHS Information	2CDK512075D2701
RoHS Status	Following EU Directive 2011/65/EU
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Degree of Protection	IP20
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Dimensions

Width in Number of Modular Spacings	4
Product Net Width	72 mm
Product Net Height	90 mm
Product Net Depth / Length	64.5 mm
Product Net Weight	0.16 kg
Built-In Depth (t ₂)	64.5 mm
Dimension Diagram	2CDC072033F0015

Certificates and Declarations

Declaration of Conformity - CE	2CDK512075D2701
KNX Certificate	9AKK105710A0034

Classifications	
ETIM 9	EC001102 - Energy management for bus system
eClass	V11.0 : 27143126
UNSPSC	39121803
Object Classification Code	A
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Energy Management → Energy Modules and Actuators

