

PRODUCT-DETAILS

BAC/S1.5.1

BAC/S1.5.1 Building Automation Controller, KNX, MDRC



General Information

Extended Product Type	BAC/S1.5.1
Product ID	2CDG120062R0011
EAN	4016779064408
Catalog Description	BAC/S1.5.1 Building Automation Controller, KNX, MDRC

Long Description

Powerful freely programmable KNX Building Automation Controller with flexible expandable In- and Output Modules.

Automation programs based on the globally standardized IEC 61131 programming languages can be executed. Both the graphical and textual programming languages are supported. The programming software ABB Automation Builder based on the established Codesys software enables the easy creation and reuse of automation programs as well as the integration of software libraries. The ABB Automation Builder is integrated with the ETS through an ETS app.

Up to 1000 KNX group objects can be used in the automation program. The KNX relevant settings such as physical address, linking of the controller group objects with group addresses and the KNX sending conditions are set in the ETS and can also be changed at any time without ABB Automation Builder.

The building automation controller has two Ethernet network interfaces. The use is flexible adjustable. In addition to KNXnet/IP communication, these can also be used for other protocols and functions. Among other things, for Modbus TCP and a web server with a freely customizable web interface for display and operation of the system.

The controller has a built-in display, an RS-232/485 interface for i. a. Modbus. The internal clock and data variables can be buffered by a battery. The internal memory of 8 MB can be extended by the memory card slot.

Technical

Product Name	Heating, Ventilation and Air Conditioning
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Auxiliary Voltage AC/DC	24 V DC
Power Loss	2.64 W
Number of Outputs	0
Number of Digital Inputs	0
Compatible Bus Systems	KNX (IP) Modbus Other
Mounting Type	DIN-Rail Flush Mounted
Manual Operation	Yes
Color	Grey
Number of Batteries	0

Environmental

Degree of Protection	IP20
RoHS Status	No declaration needed

Dimensions

Product Net Width	135 mm
Product Net Height	68 mm
Product Net Depth / Length	91 mm
Product Net Weight	0.3 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	180 mm
Package Level 1 Height	115 mm
Package Level 1 Depth / Length	260 mm
Package Level 1 Gross Weight	0.65 kg
Package Level 1 EAN	4016779064408

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85371091
E-Number (Finland)	2814618
E-Number (Sweden)	1739816
E-Number (Switzerland)	405010005
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107046A7501
Instructions and Manuals	9AKK107046A7501
RoHS Information	No declaration needed

Popular Downloads

Data Sheet, Technical Information	9AKK107046A7501
Instructions and Manuals	9AKK107046A7501

Classifications

ETIM 6	EC000236 - PLC CPU-module
ETIM 7	EC000236 - PLC CPU-module
ETIM 8	EC000236 - PLC CPU-module
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8537 10 91
eClass	V11.0 : 27242207
Object Classification Code	A

Categories

Low Voltage Products and Systems → Home and Building Automation → KNX → Heating, Ventilation and Air Conditioning → Central HVAC Controllers

