



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.

Installation

Instructions and Manuals	9AKK107046A7501
Mounting Type	DIN-Rail

Technical

Data Sheet, Technical Information	9AKK107046A7501
Compatible Bus Systems	KNX (IP) Modbus
Product Range	KNX
Manual Operation	Yes
Number of Batteries	0

Electrical

Auxiliary Voltage AC/DC	24 V DC
Power Loss	2.64 W

Design

Color	grey
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Material Compliance

RoHS Status	No declaration needed
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template	9AKK108468A3363

(CMRT)

Environmental

Degree of ProtectionIP20

Dimensions

Product Net Width135 mm
Product Net Height68 mm
Product Net Depth / Length91 mm
Product Net Weight0.3 kg

Certificates and Declarations

Declaration of Conformity - CE9AKK107046A7501

Classifications

ETIM 9EC000236 - PLC CPU-module
eClassV11.0 : 27242207
UNSPSC32151705
Object Classification CodeA
WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2BBusiness To Consumer

Categories

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

