



PRODUCT-DETAILS

# AC/S1.2.1

## AC/S1.2.1 Application Controller, BACnet, MDRC



| General Information   |   |
|-----------------------|---|
| Extended Product Type | AC/S1.2.1   |
| Product ID            | 2CDG110206R0011   |
| EAN                   | 4016779015806   |
| Catalog Description   | AC/S1.2.1 Application Controller, BACnet, MDRC  |
| Long Description      | Automation Controller with pre-defined Automation Modules for a holistic Heating, Ventilation and Air Conditioning (HVAC) Automation Solution from Central HVAC to Room Automation to meet the Energy Efficiencies Objectives like EN 15232 or LEED. Automation Modules for example Schedule, Set Point Calculation, Heat Curve Calculation, Data Logging and Device Monitoring. Own Automation Modules can be created by a graphical Logic Editor. The Controller has an automatic generated web based User Interface to monitor and manage the KNX System. Built in BACnet/IP Gateway to connect the KNX System with Building Management Systems (BMS). Bidirectional data exchange between KNX and BACnet. The Engineering is done completely by the ETS. An additional external Software is not required. |

| Installation             |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDG941189P0003 |

|               |          |
|---------------|----------|
| Mounting Type | DIN-Rail |
|---------------|----------|

Technical

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 2CDC508242D0211    |
| Compatible Bus Systems            | KNX (TP)<br>BACnet |
| Product Range                     | KNX                |
| Manual Operation                  | No                 |
| Number of Batteries               | 0                  |

Electrical

|                         |         |
|-------------------------|---------|
| Auxiliary Voltage AC/DC | 24 V DC |
| Power Loss              | 3 W     |

Design

|       |            |
|-------|------------|
| Color | light grey |
|-------|------------|

Material Compliance

|   |   |
|---|---|
| RoHS Information                            | 2CDK508235D2701                                   |
| RoHS Status                                 | Following EU Directive 2011/65/EU                 |
| REACH Declaration                           | 9AKK108468A9644                                   |
| REACH Information                           | True - contains substances > 0.1 mass percentage  |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                   |
| SCIP  | f9ebbc07-310b-42ef-aec4-1f92e32128c5 Germany (DE) |

Environmental

|                      |      |
|----------------------|------|
| Degree of Protection | IP20 |
|----------------------|------|

Dimensions

|                                     |                 |
|-------------------------------------|-----------------|
| Width in Number of Modular Spacings | 4               |
| Product Net Width                   | 70 mm           |
| Product Net Height                  | 90 mm           |
| Product Net Depth / Length          | 63.5 mm         |
| Product Net Weight                  | 0.192 kg        |
| Dimension Diagram                   | 2CDC072033F0015 |

Certificates and Declarations

|                |                 |
|----------------|-----------------|
| CB Certificate | 9AKK107991A3179 |
| Declaration of | 2CDK508235D2701 |

Conformity - CE

Classifications

|                                    |  |
|------------------------------------|--|
| ETIM 9                             | EC000676 - Logic component for bus system                  |
| eClass                             | V11.0 : 27143103   |
| UNSPSC                             | 32151705   |
| IDEA Granular Category Code (IGCC) | 3567 >> PLC function/technology module                     |
| Object Classification Code         | A  |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                     | Business To Consumer                                       |

Accessories

| Identifier      | Description   | Type       | Quantity | Unit Of Measure |
|-----------------|---|------------|----------|-----------------|
| 2CDG120037R0011 | CP-D24/2.5 priOn Power Supply, 24 V DC, 2.5 A, MDRC | CP-D24/2.5 | 1        | piece           |

Categories

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



360°