ABB

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PRODUCT-DETAILS

SUG-F-1.1
SUG-F-1.1 Split Unit Gateway, FM

General Information

Extended Product Type	SUG-F-1.1
Product ID	2CDG510005R0011
EAN	4016779945578
Catalog Description	SUG-F-1.1 Split Unit Gateway, FM
Long Description	The device is used to interface between the free@home system and many manufacturers' air conditioners, so-called split units. The device converts the free@home telegrams into infrared commands and transmits them to the split unit. The transmitter of the supplied cable is bonded directly onto the split unit's receiver. The split unit then no longer receives the commands from a remote control. Instead, it can be operated via any free@home sensors. The model of the split unit can be selected during commissioning. Auxiliary voltage is not required.

Installation

Instructions and Manuals	2CDG941205P0003
Mounting Type	Flush Mounted

2024/04/12   Subject to change without notice

Technical

Data Sheet, Technical Information	9AKK107680A2816
Number of LEDs	1
Compatible Bus Systems	free@home (TP)
Product Range	free@home
Software Updateable	Yes
Integrated Webserver	No
Manual Operation	No
Number of Batteries	0

Electrical

Voltage Range	10 ... 30 V DC
Input Voltage (U_{in})	24 V DC
Power Loss	0.4 W

Design

Color	grey

Material Compliance

RoHS Information	2CDK508260D2701
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
SCIP	ef12cd48-7f5f-4a3d-9d89-b2af13bde742 Germany (DE)

Environmental

Degree of Protection	IP20

Dimensions

Product Net Width	12 mm
Product Net Height	39 mm
Product Net Depth / Length	40 mm
Product Net Weight	0.02 kg

Certificates and Declarations

Declaration of Conformity - CE	2CDK508260D2701

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Classifications

ETIM 9	EC001099 - System interface/media gateway for bus system
eClass	V11.0 : 27143136
UNSPSC	43222605
IDEA Granular Category Code (IGCC)	6809 >> System interface/media gateway for bus system
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 → free@home → Heating, Ventilation and Air Conditioning → Split Unit Interfaces