ABB

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PRODUCT-DETAILS

DG/S 1.64.1.1

DG/S1.64.1.1 DALI Gateway, Basic, 1-fold, MDRC

General Information

Extended Product Type	DG/S 1.64.1.1
Product ID	2CDG110198R0011
EAN	4016779942669
Catalog Description	DG/S1.64.1.1 DALI Gateway, Basic, 1-fold, MDRC
Long Description	Single-Master DALI Controller certificated acc. to DALI-2 (EN 62386). The device is used to control DALI or DALI-2 standard devices via ABB i-bus® KNX. One DALI output for up to 64 DALI participants. The DALI power supply is integrated. Control and status feedback is carried out via KNX per DALI participants (64), with lighting groups (16), together in broadcast or per scenes (16). Extensive fault and error messages are available. Slave-, staircase-, force-, block- and scene- function are integrated. Self-contained emergency converter, DT1 acc. EN 62386-202 will be supported. By means of KNX and emergency converter, different emergency tests (e.g., function and duration test) can be triggered. Other DALI devices e.g., DT6 or DT8 can be controlled via standard DALI commands acc. to EN 62386-102. For diagnostic use and individual change of the DALI address or group assignment a separate software tool (ABB i-bus® Tool) is available.

Installation

Instructions and Manuals	2CDG941167P0001
Mounting Type	DIN-Rail

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Technical

Data Sheet, Technical Information	2CDC507165D0111
Standards	DIN EN 50090-2-2: 1996+Corrigendum:1997+A1:2002+A2:2007 DIN EN 60669-2-1:2010-09 EN 60669-2-1 2004/A12:2010
Communication Interface	DALI
Number of Outputs	1
Number of LEDs	1
Compatible Bus Systems	KNX (TP) DALI
Product Range	KNX
Software Updateable	Yes
Integrated Webserver	No
Manual Operation	Yes
Number of Batteries	0

Electrical

Auxiliary Voltage AC/DC	110 ... 230 V AC
Input Voltage (U_{in})	85 ... 264 V AC
Power Loss	2 W

Design

Color	light grey

Material Compliance

RoHS Information	2CDK507168D2701
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	202aa237-cd1a-4cd1-8f22-4e17f0717ba9 Germany (DE)

Environmental

Ambient Air Temperature	Operation -5 ... +45 °C
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	0.133 kg
Dimension Diagram	2CDC072033F0015

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Certificates and Declarations

CB Certificate	9AKK108466A1905
Declaration of Conformity - CE	2CDK507168D2701

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
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 → Lighting Control → DALI Gateways and Light Controllers