PRODUCT-DETAILS

DG/S2.64.5.1

DG/S2.64.5.1 DALI Gateway, Premium, 2-fold, MDRC

General Information

Extended Product Type	DG/S2.64.5.1
Product ID	2CDG110274R0011
EAN	4016779067218
Catalog Description	DG/S2.64.5.1 DALI Gateway, Premium, 2-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 devices via ABB i-bus® KNX. Two DALI outputs for up to 2x64 DALI participants. DALI power supply is integrated. Control and status feedback is carried out via KNX per DALI participants (2x64), with lighting groups (2x16), together in broadcast or per scenes (2x16). DALI devices type DT1 (Self-contained emergency converter acc. EN 62386-202) and type DT8 (colour temperature Tc & RGB(W) acc. EN 62386-209) will be supported. Other DALI devices e.g., DT6 can be controlled via standard DALI commands acc. to EN 62386-102. Extensive fault and error messages are available. Slave-, staircase-, force-, block- and scene-function are integrated. Colour can set and dim, HSV(W)-, Dim2Warm-, HCL-function, 4 sequencer per DALI output can be used. A standby switch-off in combination with a KNX switch actuator (e.g., SA/S) and the integration of the DALI Gateways into a load control system are possible. By means of KNX and DT1 converter different emergency tests (e.g., function and duration test) can be triggered, test results are transferred back to KNX. For diagnostic use and individual change of the DALI address or group assignment a separate software tool (ABB i-bus® Tool) is available.

Installation

2024/04/12   Subject to change without notice

Instructions and Manuals	2CDG941225P0002
Mounting Type	DIN-Rail

Technical

Data Sheet, Technical Information	2CDC507175D0211
Communication Interface	DALI
Number of Outputs	2
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	4 W

Design

Color	light grey

Material Compliance

RoHS Information	2CDK507179D2701
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	2c2e07aa-7492-4b9a-9f1c-afad3badffd8 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	0.15 kg
Dimension Diagram	2CDC072033F0015

Certificates and Declarations

CB Certificate	9AKK108466A1905
Declaration of Conformity - CE	2CDK507179D2701

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 → KNX → Lighting Control → DALI Gateways and Light Controllers