

PRODUCT-DETAILS

DG/S1.64.5.1

DG/S1.64.5.1 DALI Gateway, Premium, 1-fold, MDRC



General Information

Extended Product Type	DG/S1.64.5.1
Product ID	2CDG110273R0011
EAN	4016779067201
Catalog Description	DG/S1.64.5.1 DALI Gateway, Premium, 1-fold, MDRC

Long Description

For controlling DALI devices via the ABB i-bus® KNX. One DALI output for up to 64 DALI participants. 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). DALI devices type DT1 (Self-contained emergency converter acc. EN 62386-202) and type DT8 (colour temperature Tc / tunable white acc. EN 62386-209) will be supported. Extensive fault and error messages are available. 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. With DT8 devices Dim2Warm, HCL, set and dim colour temperature are possible. Slave-, staircase-, force-, block- and scene- function are integrated. Feedback is sent. DALI telegram rate can change. Another function is the standby switch-off in combination with a KNX switch actuator (e.g. SA/S).

From the ETS application version 2.0 the color functions RGB(W) and HSV(W) can be used. This allows the color of a lamp to be controlled, dimmed and set. In addition to scenes, 4 sequences per DALI output can be parameterized. It is also possible to integrate the DALI Gateways into a load control system. The DALI Gateways determine the operating hours. All these features can be used for individual EVGs and DALI groups.

For diagnostic use and individual change of the DALI address or group assignment a separate software tool (ABB i-bus® Tool) is available.

Technical

Product Name	Lighting Control
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Auxiliary Voltage AC/DC	110 ... 230 V AC
Input Voltage (U _{in})	85 ... 264 V AC
Power Loss	2 W
Communication Interface	DALI interface
Number of Outputs	1
Number of LEDs	1
Number of Digital Inputs	0
Compatible Bus Systems	DALI KNX (TP)
Mounting Type	DIN-Rail
Software Updateable	Yes
Integrated Webserver	No
Manual Operation	Yes
Color	Light grey
Number of Batteries	0

Environmental

Degree of Protection	IP20
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	72 mm
Product Net Height	90 mm
Product Net Depth / Length	63.5 mm
Product Net Weight	0.133 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	65 mm
Package Level 1 Depth / Length	77 mm
Package Level 1 Gross Weight	0.18 kg
Package Level 1 EAN	4016779067201

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85176200
E-Number (Finland)	2814675
E-Number (Norway)	4544205
E-Number (Sweden)	1739866
E-Number (Switzerland)	405670325
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK507178D2701
Instructions and Manuals	2CDG941220P0002
RoHS Information	2CDK507178D2701

Popular Downloads

Data Sheet, Technical Information	2CDC507175D0211
Instructions and Manuals	2CDG941220P0002

Classifications

ETIM 6	EC001099 - System interface/media gateway for bus system
ETIM 7	EC001099 - System interface/media gateway for bus system
ETIM 8	EC001099 - System interface/media gateway for bus system
EPLAN Catalog Tree	Electrical engineering / Logic items / General
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8517 62 00
UNSPSC	43222605
eClass	V11.0 : 27143136
IDEA Granular Category Code (IGCC)	6809 >> System interface/media gateway for bus system

Categories

Low Voltage Products and Systems → Home and Building Automation → KNX → Lighting Control → DALI Gateways and Light Controllers

