

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

### Installation

Instructions and Manuals	2CDG941220P0002
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## Technical

Data Sheet, Technical Information	2CDC507175D0211
Auxiliary Voltage AC/DC	110 ... 230 V AC
Input Voltage (U <sub>in</sub> )	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	KNX (TP) DALI
Product Range	KNX
Mounting Type	DIN-Rail
Software Updateable	Yes
Integrated Webservice	No
Manual Operation	Yes
Color	light grey
Number of Batteries	0
Application Function	Electrical Load and Light Control

## Environmental

Degree of Protection	IP20
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	2CDK507178D2701
REACH Declaration	9AKK107492A1906
SCIP	4040c569-de3a-44cb-9a18-14dbb8ac76fd Germany (DE)
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## 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

## Certificates and Declarations

CB Certificate	9AKK108466A1905
Declaration of Conformity - CE	2CDK507178D2701

## Classifications

ETIM 8	EC001099 - System interface/media gateway for bus system
ETIM 9	EC001099 - 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
CN8	8517 62 00
UNSPSC	43222605
eClass	V11.0 : 27143136
IDEA Granular Category Code (IGCC)	6809 >> System interface/media gateway for bus system

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## Categories

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

