

## MDT DaliControl IP Gateway with webinterface, MDRC

Version		
SCN-DALI64.02	DaliControl IP Gateway	4SU MDRC, up to 64 ECG

The MDT DaliControl IP Gateway receives KNX/EIB telegrams and enables the classic control of 16 DALI groups plus individual control up to 64 ECGs. Once the ECGs have been assigned to a group, they can no longer be controlled individually. An ECG can only be allocated to one DALI group. The DaliControl IP Gateway does not support multi-group allocations. If multi-group allocation is required, it must be realized via KNX communication objects.

Power supply for the up to 64 connected ECGs comes directly from the DaliControl IP Gateway. An additional DALI power supply is not required and not permitted.

Numerous communication objects are available for the visualisation of status and error information on an ECG as well as group and gateway level.

In addition to all standard operating devices, the DaliControl IP Gateway also allows the control of individual battery emergency lights (EN 62386-202). For individual battery emergency lights, a distinction is made between devices with switchable ECGs (usually emergency lights with one ECG) and devices with non-switchable ECGs (converters), which are usually used in connection with another "normal" ECG (2 ECGs per light). The DaliControl IP Gateway for the mixed control of different ECG types within a DALI segment. Emergency lighting systems with a central battery are also supported.

A scene module for the extensive programming of up to 16 scenes from groups and individual ECGs as well as an effect module for the control of processes and light effects are also available on the device.

The commissioning after installation and group attribution of the MDT DaliControl IP Gateway is done with the buttons on the device or with the integrated webinterface. Quick identification and group attribution of the connected DALI segments can be done without connection to the KNX bus. The network connection is realized with an RJ45 interface.

The MDT DaliControl IP Gateway is a modular installation device for fixed installation in dry rooms. It fits on 35mm rails in power distribution boards or closed compact boxes.

For project design and commissioning of the MDT DaliControl IP Gateway it is recommended to use the ETS3f/ETS4 or later. Please download the application software at [www.mdt.de/Downloads.html](http://www.mdt.de/Downloads.html)

SCN-DALI64.02



- Production in Germany certified according to ISO 9001
- Supports different light types
- Dimming curve matches the human perception
- Simultaneous dimming
- Tracking of operating hours and switch cycles
- Display and reporting of light and ECG errors
- 16 scenes programmable, integrated effect module
- Control of battery light emergency lights (EN62386-202)
- Simple change of the configuration without using ETS
- Setting of light scenes without any KNX modules
- Simple group attribution directly on the device
- Dali Commissioning via Webbrowser or directly on the device display
- Individual control up to 64 EVG
- Modular installation device for DIN 35mm rails
- Integrated bus coupling unit
- 3 years warranty

<b>Technical Data</b>	SCN-DALI64.02
<b>Outputs</b>	
Number of groups	16
Number of ECG	64
Maximum Dali voltage	16-20VDC
Maximum Dali current	250mA
<b>Permitted wire gauge</b>	
Screw terminal	0,5 - 4,0mm <sup>2</sup> solid core 0,5 - 2,5mm <sup>2</sup> finely stranded
KNX busconnection terminal	0,8mm Ø, solid core
<b>Power Supply</b>	230VAC/50Hz
<b>Power consumption mains 230VAC typ.</b>	< 7W
<b>Operation temperature range</b>	0 bis + 45°C
<b>Enclosure</b>	IP 20
<b>Dimensions MDRC (Space Units)</b>	4SU

**Exemplary circuit diagram SCN-DALI64.02**

