

MDT Dali Gateway



MDT DaliControl Gateway, MDRC

Version			
SCN-DALI16.03	DaliControl Gateway DALI16	4SU MDRC, up to 64 ECG in 16 channels/light groups	
SCN-DALI32.03	DaliControl Gateway DALI32	4SU MDRC, up to 128 ECG in 32 channels/light groups	

The MDT DaliControl Gateway is the interface between DALI lights and the KNX installation and offers many new possibilities, such as the light control in the HSV colour space.

Up to 64 DALI ECGs can be assigned to any 16 channels/light groups (SCN-DALI32.03 > 128ECGs, 32 channels/light groups). For each group the functions switching, dimming and brightness value are available. The DaliControl Gateway supports various colour control modes (according to DALI DT8 standard) such as HSV colour space, RGB / RGBW, XY colour and the colour control mode Tunable White. With the integrated colour control module 16 individual time-dependent lighting moods with up to to 300 control commands can be created. The scene control allows to assign all 16 groups (SCN-DALI32.03 > 32 groups) to the 16 possible scenes as desired with individual dimming times.

The MDT DaliControl Gateway provides the operating modes normal operation, continuous operation, night operation, staircase operation and panic operation. The individual light groups can be switched between 1-8 and 9-16 using the buttons for manual operation. Faulty ECGs can be detected individually or at group level. In the event of a fault, a simple quick exchange of the affected ECG is possible.

The free DCA app is used for the commissioning of the DALI bus system, the configuration of the scenes and the time-dependent lighting moods.

The MDT DaliControl 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 Gateway it is recommended to use the ETS. Please download the application software at www.mdt.de/Downloads.html

SCN-DALI16.03



SCN-DALI32.03



- Production in Germany certified according to ISO 9001
- Supports different DALI ECG (DT6/DT8)
- Control of up to 16 channels / light groups (switching, dimming, and brightness value) (SCN-DALI32.03 > 32 groups)
- Innovative HSV colour control, RGB, RGBW and XY colour according to Dali DT8 standard
- Tunable White, colour temperature control
- Integrated colour control module for at time dependent controlling of the luminous colour in up to 300 steps
- Operation modes like normal operation, continuous operation, night operation, stairwell operation and panic operation
- Manual operation for all 16 groups
- 16 scenes with individual dimming times
- Energy saving function for switching off the ECGs (via additional KNX switch actuator)
- Fault detection of lamp faults and faulty ECGs
- Quick exchange of ECG
- Free DCA app for commissioning the DALI bus system and configuration of the scenes and time control
- Commissioning with ETS5
- 3 years warranty



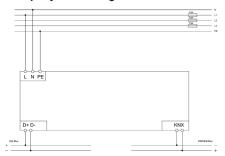


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SCN-DALI16.03	SCN-DALI32.03
16	32
64	128 (2x64)
16-20VDC	16-20VDC
250mA	250mA
TP-256 with Long Frame support for ETS5	TP-256 with Long Frame support for ETS5
ETS5	ETS5
0,5 - 4,0mm² solid core 0,5 - 2,5mm² finely stranded	0,5 - 4,0mm ² solid core 0,5 - 2,5mm ² finely stranded
0,8mm Ø, solid core	0,8mm Ø, solid core
230VAC/50Hz	230VAC/50Hz
< 5W	< 5W
0 bis + 45°C	0 bis + 45°C
IP 20	IP 20
4SU	4SU
	16 64 16-20VDC 250mA TP-256 with Long Frame support for ETS5 ETS5 0,5 - 4,0mm² solid core 0,5 - 2,5mm² finely stranded 0,8mm Ø, solid core 230VAC/50Hz < 5W 0 bis + 45°C IP 20

Examplary circuit diagram SCN-DALI16.03



Examplary circuit diagram SCN-DALI32.03

