


KNX DALI Gateway Plus



Specification	Order No.	Packing unit	PS	EAN
 DRA plus	2180 00	1	26	4010337011064

Features

- The DALI gateway Plus forms the interface between a KNX installation and a digital DALI lighting system.
- Control of max. 64 DALI operating devices as individual control, group control in max. 32 groups, or central control via a broadcast telegram.
- Manual operation of the devices also independent of the bus (also building site operation with broadcast control).
- Energy-saving function: Switch-off of the power supply of the DALI operating devices possible in a switched-off state (via additional KNX switching actuator).
- 16 light scenes.
- The groups can be integrated in the light scenes.
- Effect control can be configured for max. 16 sequences in 1 to 500 run-throughs (or infinite).
- Feedback of DALI error status or short circuit and signalling of power supply failure.
- Active or passive (object can be read out) cyclical feedback function.
- Group feedback of all switching conditions possible.
- Feedback can be delayed until after the recovery of bus voltage.
- Switching and brightness value: Active (send to the bus in case of change or cyclically) or passive (object can be read out) feedback functions.
- Brightness range can be set.
- Bulb-saving switch-on and switch-off
- Dimming behaviour can be parameterised.
- Time functions (switch-on delay, switch-off delay, expanded staircase function – advance warning function in accordance with DIN 18015-2 or reduced continuous lighting).
- Block function or alternatively forced setting function can be parameterised for each group. With block function, the flashing of light groups is possible.
- Reading the DALI device state out via KNX.
- Elapsed-hours meter as forward and backward counter with limit value evaluation.
- Online or offline configuration of the DALI devices using ETS plug-in.
- Replacement of an individual defective DALI device is possible during operation without ETS.
- Suitable for operation in emergency lighting systems.
- Control and monitoring of individual-battery and centrally-supplied DALI emergency lighting systems.
- Support of DALI emergency light converters in accordance with EN 62386-202 (individual battery-operated emergency lights with DALI interface): Function test, continuous operation test, limited continuous operation test, query of the battery charge.

Technical data

- Rated voltage
- AC: 110 to 240 V AC, 50/60 Hz

- DC:	DC 110 to 240 V
Power loss:	max. 3 W
Connections	
- KNX:	Connection and branch terminal
- DALI:	Screw terminals
Cable lengths between gateway and operating device	
- Ø 1.5 mm ² :	max. 300 m
- Ø 1.0 mm ² :	max. 238 m
- Ø 0.75 mm ² :	max. 174 m
Cable lengths between gateway and operating device	
- Ø 0.5 mm ² :	max. 116 m
Ambient temperature:	-5 °C to +45 °C
Dimensions:	4 HP

Notes

- Statutory and normative specifications vary by country. In any case, the user / professional planner should ensure that the specific guidelines are observed.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1, EN 50428
- Mounting on top-hat rail in accordance with DIN EN 60715 in sub-distribution.
- Configuration and commissioning of the device from ETS 4.1 (recommendation) or with ETS 3 from version "d".

Scope of supply

- KNX connection and branch terminal included in the scope of supply.
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