



KNX DALI Gateway Basic REG-K/1/16/64



Version

Art. no.

MTN6725-0003

The KNX DALI Gateway connects the KNX bus to 1 DALI output. The gateway is a category I DALI control device with an integrated DALI power supply for the ECGs. It supports the switching and dimming of up to 64 ECGs in 16 groups and the control of more than 16 scenes. Different colour commands (e.g. white tone control, RGB, XY and HSV) can be interpreted by KNX push-buttons, for example, and DALI DT8 lights can be activated accordingly. The operating hours meter logs the operating hours for the groups. Error messages from individual ECGs and groups can be transmitted via the KNX and visualised.

A colour control module allows up to 16 time switch functions for brightness and colour on a weekly basis, provided that the device is connected to a time update system. The up to 16 time programmes with up to 300 commands per DALI output can be enabled or disabled using KNX objects. DALI commissioning and configuration, group allocation and scene set-up can be carried out using the ETS application and an ETS app (DCA).

With integrated bus coupler. For installation on DIN rails TH35 according to EN 60715. The bus is connected using a bus connecting terminal; a data rail is not necessary.

KNX software functions: Switching, dimming, value and colour objects per group, plus switching, value and colour objects for broadcast control. Staircase timer function with dimmed lights, also for advance warning and normal, continuous, night and panic modes. Differentiated error analysis per EB and group. Scenes with brightness and colour. Energy saving thanks to reduction in EB standby losses due to additional KNX switching actuator. The colour control module can be used to control brightnesses and colours based on a weekly time switch.

(Requirement: weekday and time synchronisation) Any time interval possible, up to 90 s.

The up to 16 time programmes can be controlled using KNX objects. Operating hours can be recorded and reset by group, and transmitted by group as an alarm if a threshold value is exceeded. The firmware can be updated using an FAT32-formatted Micro-SD card.

Supply voltage: AC/DC 100-240 V, 50/60 Hz

Outputs: 1x DALI D+, D-, DC 16-18 V (basic insulation, not SELV), max. 250 mA, short circuit-proof

Interfaces: KNX, DALI

Type: DALI category I control device (single master)

Wire range: Mains supply or DALI: 1.5 - 2.5 mm²

IP protection rating: IP20

Housing width: 4 HP = approx. 69 mm

Contents: With bus connecting terminal.

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