Main

The KNX DALI gateway connects KNX to the DALI bus. The gateway is a category I control device with an integrated DALI power supply for the EBs (electronic ballasts / electronic control gear).

Complementary

It supports the switching and dimming of up to 64 EBs in 16 groups and the control up to 16 scenes. The 64 EBs can be controlled individually or in groups. Error messages of individual EBs or each connected lamp can be transmitted to the KNX and visualised.
DALI commissioning and configuration, as well as group assignment and scene setting, can be carried out using:
• the device (display and operating buttons which can be optionally disabled)
• the integrated Web server
Web server functions:
Access via the LAN network using a PC, PDA or web panel. Commissioning is also made easier using a WLAN adapter. The internal web pages can be used to start up the device, and to configure, operate and display all important functions.
• Two separate user profiles with their own password
• Effect module with 16 effects and a total of up to 500 steps
• Configuring: scenes, effects, service, maintenance, burn-in, operating hours
• Operating: device, EBs and groups
• Displays: Status and error messages
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 and value object per group or EB. Staircase timer function, status objects, delays between status feedbacks. Detailed error messages per EB and group. Test of DALI EBs for emergency lighting with central battery or built-in battery with selectable test intervals. Parallel broadcast triggering of all EBs, switch-on/switch-off. Dimming speeds for relative dimming and dimming values. Dimming value max./min. Various modes (normal, permanent, night, panic). Operating hours counter and automatic burn-in per EB.

Supply voltage: AC/DC 100-240 V, 50/60 Hz
Outputs: DALI D+, D-, DC 16-18 V (basic insulation, not SELV), max. 128 mA, short circuit-proof
Interfaces: KNX, Ethernet RJ-45, DALI
Type: Category I control device (single master)
Wire range: Supply or DALI: 1.5-2.5 mm²
Type of protection: IP 20
Device width: 4 modules = approx. 72 mm

Contents: With bus connecting terminal.