Master Pro Evo KNX

Design iGuzzini **iGuzzini**

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Product code
PC68: KNX / DALI-2 64 Gateway

Technical description
The KNX / DALI-2 64 gateway is a multi-master controller for managing luminaires with a DALI interface via KNX.
The gateway supports DALI and DALI-2 luminaires, as well as movement detectors and compatible DALI-2 light sensors.
The DALI output can be used to control 64 addresses.
The luminaires can be controlled individually using 64 addresses or in 16 groups per gateway.
Up to a maximum of 16 scenarios can be commanded.
The KNX commands can be operated using the DALI DT8 functions (for example Tunable White, RGB, XY and HSV) and the Dim to Warm function.
The system can be installed and configured, which includes assigning groups and setting scenarios, using the control device (command buttons and 2x12 display); a software tool; and an integrated Web server. The RJ45 connection is used for connecting to a PC (with standard browser), a portable Web panel or a PDA.
The KNX bus is connected using a specific terminal; 5 mA load.
DALI bus with an 18 Vdc type voltage, 160 mA, protected against short circuits.
Power supply voltage: AC/DC 100 - 240 V, 50 - 60 Hz, power load: max 8 W.
1 Ethernet 100BaseT port (100 Mbit/s) 1xRJ45, supports IEEE 802.3.

Installation
4 DIN TE modules

Colour
Indeterminate (00)

Wiring
KNX: specific quick-coupling terminal for bus
Ethernet: RJ45
DALI: 0.5 ÷ 4 mm2 (DA+, DA-)
Power supply: 0.5 ÷ 4 mm2 (L-N-Pe)

Notes
EN 62386-102 ed1 DALI version1
EN 62386-102 ed2 DALI-2
EN 62386 -209 -303 -304
With compatible luminaires, the gateway allows single battery emergency lighting to operate (EN 62386-202). Emergency lighting systems with a centralised battery are also supported. Contact iGuzzini for more information.
For system composition info, please contact iGuzzini

Complies with EN60598-1 and pertinent regulations

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