



Project · Reference number

Date

Product data sheet

Application

DALI connector for the setup and control of DALI operating devices and BEGA system components on a DALI line with max. 64 operating devices, 16/32 DALI groups, 16 DALI lighting scenarios. In compliance with the DALI-2 standard, apart from the address pool for up to 64 control devices, a separate address pool for up to 64 BEGA DALI system components is also available. The DALI connectors also serve as an interface to the BEGA Connect Cloud for remote control or remote maintenance of the lighting system. To guarantee all functions, a permanent internet connection is required. Configuration, parametrisation and control (administration) is conveniently carried out via the BEGA Connect app for iOS and Android.

Product description

Module for mounting on a 35 mm DIN rail – DIN EN 60715, Width of rail-mounted device: 4 HP in accordance with DIN 43880 Housing made of flame-resistant synthetic material (polycarbonate), colour black Multi-coloured status LED Ethernet LED Bluetooth transmission power $\leq +10$ dBm WLAN transmission power $\leq +20$ dBm Frequency range 2,400 MHz – 2483.5 MHz Radio standards: Bluetooth, WiFi Integrated aerial Connections: Ethernet and DALI The BEGA DALI connector is suitable for the control and visualisation of a DALI and DALI-2 system consisting of a maximum of 64 DALI operating devices and an additional 64 BEGA DALI system components The following DALI functions for light control are supported:

- On/off
- Dimming
- Colour temperature (DT8)
- Colour control (DT8, RGBWAF or xy) in accordance with IEC 62368-207 (DT6) and IEC 62368-209 (DT8)

The product constitutes the DALI master of a complete DALI system and can be integrated into DALI-2 multi-master systems.

QR code for convenient configuration and setup via smartphone or tablet PC

Plug-in terminals for:

0.2-1.5 solid wires

0.75-1.5 flexible wires with end ferrule

Stripping length 9-10mm

Supply voltage:

100-240 V \sim 50/60 Hz

DALI out: $I_{max} = 250$ mA

DALI voltage: $U(DALI) = 16$ VDC

Ambient temperature: -20°C to 65°C

Input power: 0.5 - 6 W

Overvoltage protection: 2 kV

Protection class IP 20

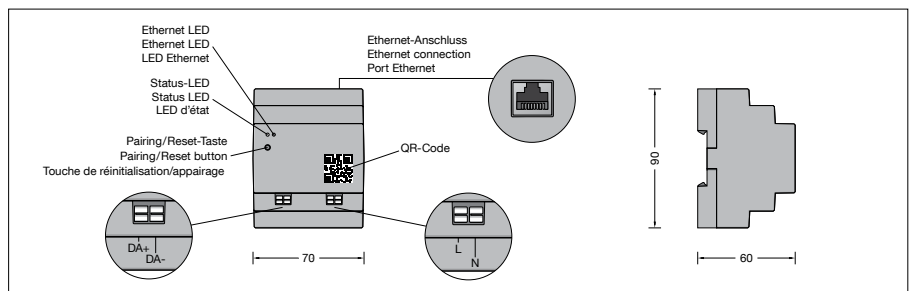
WEEE 2012/19/EU

Safety class I

– Safety mark

– Conformity mark

Weight: 0.2 kg



Range

WiFi generally has a range of 30 m, with the ambient conditions and end device used (e.g. smartphone or tablet PC) playing a decisive role.

Bluetooth, which in this case is only required for setup, generally has a range of 12 m, although here, too, the ambient conditions and the end device used (e.g. smartphone or tablet PC) play a decisive role. Significantly larger ranges can be achieved in an open field environment.