

9041511 QBM DALI CONV LI

Qualified Bluetooth mesh DALI Converter | Actuators



Features

- Qualified Bluetooth mesh
- Works with SylSmart Connected Building
- Suitable for up to 32 DALI-2 LED drivers (Part - 207) in broadcast mode
- Compact size: 108 x 30 x 21 mm
- Push terminals for easy wiring

Benefits

- Easy to integrate in luminaire
- Allow the easy upgrade of a DALI-2 luminaire for qualified Bluetooth mesh
- Allow an easy integration of any DALI-2 Sensor in a qualified Bluetooth mesh network
- External push button support for floor standing luminaires

Areas of application

- Open offices
- Individual offices
- Conference rooms
- Classrooms
- Storage and break areas
- Stairways
- Toilets

Product datasheet

Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Radio frequency	2.4 GHz
Maximum TX power	+4 dBm ¹⁾
Wireless protocol	Qualified Bluetooth mesh
Wireless range	10 m line of sight
Guaranteed supply current (DALI)	82 mA
Maximum supply current (DALI)	250 mA ²⁾
System wattage	1.90 W
Standby power	< 0.5W

¹⁾ 2.512 mW

²⁾ see additional product information

Dimensions & weight



Length	108.0 mm
Width	30.0 mm
Height	21.0 mm
Product weight	44.00 g
Wire preparation length, input side	8.0...9.0 mm
Cable cross-section, input side	0.5...1.5 mm ²
Wire preparation length, output side	8.0...9.0 mm
Cable cross-section, output side	0.5...1.5 mm ²

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Temperatures & operating conditions

Ambient temperature range	-20...+60 °C
Permitted rel. humidity during operation	0...85 % ¹⁾
Temperature range at storage	0...60 °C
Permitted relative humidity at storage	0...85 % ¹⁾
Maximum temperature at tc test point	70 °C

¹⁾ Non-condensing

Lifespan

Lifespan	50000 h ¹⁾
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¹⁾ At T_c max

Capabilities

Control interface	Qualified Bluetooth mesh
Number of control outputs	1
Number of connected drivers	32 (Max recommended 8)
Dimmable	Yes
Type of installation	Luminaire integration ²⁾
Compatibility	Works with SylSmart Connected Building
Status Indicator	Blue: Network status ³⁾
Reset	Manual ³⁾
Dimming interface	DALI-2

¹⁾ DALI-2 LED Driver (Part-207), broadcast

²⁾ Ceiling or independent installation via ECO CI KIT possible

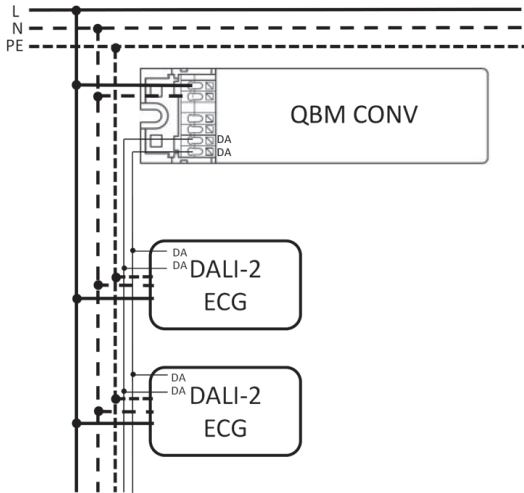
³⁾ see additional product information

Certificates & standards

Approval marks – approval	CE / DALI-2
Type of protection	IP20
Standards	Acc. to EN 55015 / Acc. to EN 61347-1 / Acc. to EN 61347-2-11 / Acc. to EN 61547 / Acc. to EN 62479 / Acc. to ETSI EN 300 328 / Acc. to ETSI EN 301 489-17 / Acc. to ETSI EN 301 489 - 1

Product datasheet

Wiring Diagram



Equipment / Accessories

- Ceiling or independent installation via 9041518 - SylSmart OT Clamp N-Style

Additional product information

- This device is not allowed to be connected with other DALI Bus power supplies on the same line.
- The maximal total wire length to all connected push buttons must not exceed 10 m.
- By integrating the device into a casing the wireless range could be affected, in particular by metal surfaces. Therefore, the wireless range needs to be verified after integration.
- The device could be reset to factory default by pressing the reset button for longer than 10 sec.
- If the device is not connected to a network, it will take approximately 30 seconds for it to appear as an available device after it is powered on.
- The status LED of the device indicates the following network status. Fast blinking: Not connected to a network. Slow blinking: Connected to a network.
- The device has passed successfully the SILVAIR Testing process.
- The device can be put into operation using the SylSmart Connected building commissioning tool (connected.sylvania-lighting.com), subject to prior acceptance of the Terms of Use and the Privacy Policy.
- Sylvania shall have no liability for any 3rd party commissioning tool and does not make any representations, express or implied, about the availability and/or performance of such commissioning tool.

Disclaimer

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