

## QBM DALI EL-T CONV

Converters | Sistemas de gestión de luz

### Características del producto

- Suitable for up to 32 DALI-2 LED drivers (Part - 207) in broadcast mode
- Suitable for up to 1 DALI sensor



### Beneficios del producto

- 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
- Secured product communication granted by ioXT and PSA Certificates

### Áreas de aplicación

- Oficinas individuales
- Salas de conferencias
- Aulas
- Escaleras
- Servicios



# Hoja de datos de producto

## Datos técnicos

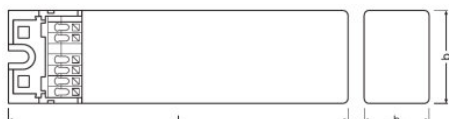
### Datos eléctricos

Tensión nominal	220...240 V
Frecuencia de red	50/60 Hz
Radio frequency	2.4 GHz
Maximum TX power	+4 dBm <sup>1)</sup>
Wireless protocol	Qualified Bluetooth mesh enabled by Silvair
Wireless range	10 m line of sight
Guaranteed supply current (DALI)	82 mA
Maximum supply current (DALI)	250 mA <sup>2)</sup>
Potencia de sistema	1,90 W
Standby power [AGGR]	< 0.5 W

<sup>1)</sup> 2.512 mW

<sup>2)</sup> see additional product information

### Dimensiones y peso



Largo	108,0 mm
Ancho	30,0 mm
Alto	21,0 mm
Peso del producto	44,00 g
Long aislamiento parte de la entrada	8,0...9,0 mm
Sección de cable, entrada	0,5...1,5 mm <sup>2</sup>
Long aislamiento parte de la salida	8,0...9,0 mm
Sección de cable, salida	0,5...1,5 mm <sup>2</sup>

### Temp. y condiciones de funcionamiento

Margen de temperatura ambiente	-20...+60 °C
Humedad en el aire	0...85 % <sup>1)</sup>

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Temperatura de almacenamiento	0...60 °C
Humedad relativa permit. en almacenaje	0...85 % <sup>2)</sup>
Temp. máx. en el punto de prueba tc	70 °C

<sup>1)</sup> Sin condensación

<sup>2)</sup> Non-condensing

### Duración de vida

Duración	50000 h <sup>1)</sup>
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<sup>1)</sup> At T<sub>c</sub> max

### Capacidades

Control interface	qualified Bluetooth mesh
Control output	yes
Número de salidas de control	1
Number of connected drivers	32 <sup>1)</sup>
Regulable	Si
Tipo de montaje	Luminaire integration <sup>2)</sup>
Compatibility	Works with OSRAM HubSense
Status Indicator	Blue: Network status <sup>3)</sup>
Reset	Manual <sup>3)</sup>
Interfaz DIM	DALI-2
Number of supported push buttons	-
Detection angle (Light sensor)	-
Detection angle (PIR)	-

<sup>1)</sup> DALI-2 LED Driver (Part-207), broadcast

<sup>2)</sup> Ceiling or independent installation via ECO CI KIT possible

<sup>3)</sup> see additional product information

### Certificados & Normas

Símbolos de homologación	CE / DALI-2 / ioXT / PSA
Tipo de protección	IP20
Normas	Según EN 55015 / Según EN 61347-1 / Según EN 61347-2-11 / Según EN 61547 / Según EN 62479 / Según ETSI EN 300 328 / Según ETSI EN 301 489-17 / Según ETSI EN 301 489 - 1

### Datos logísticos

Número estadístico de material	85371098990
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### Environmental information


## Hoja de datos de producto

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-06-2023
Primary Article Identifier	4062172282482
Candidate List Substance 1	Lead titanium zirconium oxide
CAS No. of substance 1	12626-81-2
Candidate List Substance 2	Lead
CAS No. of substance 2	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	c0597cbb-09ce-4318-8fdd-d7cc8e97b31b

### Texto de la hoja técnica

- 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 OSRAM HubSense Commissioning Tool (<https://platform.hubsense.eu>), subject to prior acceptance of the Terms of Use and the Privacy Policy.
- OSRAM may terminate or suspend the use of the HubSense Commissioning Tool at any time and for any or no reason in its sole discretion, even if access and use is continued to be allowed to others.
- The device complies with Bluetooth mesh Standard v1.0. It can also be used in 3rd party Bluetooth mesh network, that complies with this standard and that supports the mesh models of this device, and with certain 3rd party commissioning tools, that support the mesh models of this device. In order to ensure correct interoperability a verification with the 3rd party network components and the 3rd party commissioning tool is necessary in advance. Please contact OSRAM ([support@hubsense.eu](mailto:support@hubsense.eu)) to receive the actual list of supported models for this device.
- OSRAM 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.
- OSRAM shall have no liability for and does not make any representations, express or implied, about the connectivity of OSRAM QBM products with any other products, that have passed the SILVAIR Testing process.

### Descarga datos

Fichero	
	User instruction QBM DALI EL T CONV

## Hoja de datos de producto

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### Logistical Data

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
4062172282482	QBM DALI EL-T CONV	Embalaje de envío 25	160 mm x 120 mm x 117 mm	2.25 dm <sup>3</sup>	1150.00 g

El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

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### Aviso

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.