OSRAM

HUB PB Coupler

HubSense PB Coupler | User interfaces

Product family features

– Works with OSRAM Hubsense
– Designed for mounting in deep flush device boxes
– Mains powered push button coupler

Product family benefits

– Support up to 4 potential free push buttons
– Enable free selection of switch frames

Areas of application

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

Works with
OSRAM
HubSense

Product datasheet

Electrical data

System wattage	050 W
Standby power	< 0.5 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Maximum TX power	+4 dBm [1]
Wireless protocol	HubSense
Radio frequency	2.4 GHz
Wireless range	10 m line of sight
Average input current	13 mA
Peak input current	4.5 mA

[1] 2.512 mW

Dimensions & weight

Length	490 mm
Width	480 mm
Height	220 mm
Product weight	4000 g
Wire preparation length, input side	5.0...6.0 mm
Cable cross-section, input side	1.0...4.0 mm²
Cable cross-section, output side	0.2 mm²
Cable/wire length, output side	250 mm
Mounting hole diameter	70 mm
Maximum allowed cable length	3 m

Temperatures & operating conditions

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

Capabilities

Transmitter range	10 m
Control interface	HubSense
Type of installation	Integrated in flush device box
Compatibility	Works with OSRAM HubSense [1]

Product datasheet

Status Indicator	Blue: Network status / Green: Device identification
Reset	Manual 2)
Dimming interface	OSRAM QBM
Control output	OSRAM QBM

1) See additional product information

2) see additional product information

Certificates & standards

Approval marks – approval	CE
Type of protection	IP20
Standards	Acc. to EN 55015/Acc. to ETSI EN 300 328/Acc. to ETSI EN 301 489-17/Acc. to ETSI EN 301 489 - 1/Acc. to EN 62479/Acc. to EN 60669-2-1/Acc. to EN 60669-2-5/Acc. to EN 60669-1

Logistical data

Commodity code	85371098990

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	13-02-2023
Primary Article Identifier	4062172353007
Declaration No. in SCIP database	In work

Additional product information

- The product relies upon the additional enclosure for protection against accidental contact with live parts.
- 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.
- The total wire length to all connected push buttons must not exceed 3 m.
- The blue status LED of the device indicates the following network status. Fast blinking: Not connected to a network. Slow blinking: Connected to a network.
- The green status LED of the device indicate when the device is selected via the HubSense Commissioning Tool.
- 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 works with HubSense
- 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.

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172353007	HUB PB Coupler	Shipping carton box 60	344 mm x 254 mm x 278 mm	24.29 dm³	4057.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

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

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