

# PRODUCT DATASHEET

## VIVARES ZB CONTROL

VIVARES ZB CONTROL | Zigbee 3.0 controller with integrated gateway for mid size projects up to 200 endpoints



### Areas of application

- Room control, floor control, daylight-dependent control
- Connection of light and presence sensors in ZigBee systems
- Conference rooms
- Offices: Individual and group workplaces
- Suitable for indoor applications.
- Corridors
- Classrooms
- VIVARES Portal available on iOS & Android devices as well as PC

### Product benefits

- Pre-configuration allows efficient planning & configuration of entire project remotely
- QR-code based commissioning enables automatic configuration of system
- Local operation of system even without active internet connection possible
- Remote access functionality saves time for post-installation adjustments
- Wireless communication avoids re-wiring in case of renovations
- VIVARES cloud services support energy monitoring & system maintenance
- Store and backup system configuration

### Product features

- Lighting control unit based on wireless ZigBee 3.0 technology
- IoT ready thanks to built-in gateway
- Connect up to 200 endpoints in one network
- Built-in Human Centric Lighting control
- QR-Code based commissioning of all lighting system components
- Remote Pre-configuration of rooms, devices & settings



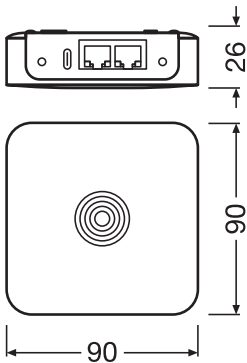
- Web-based VIVARES Portal and mobile commissioning application available

TECHNICAL DATA

Electrical data

|                 |        |
|-----------------|--------|
| Nominal wattage | 2.50 W |
| Nominal voltage | 5 V    |
| Mains frequency | 0 Hz   |

Dimensions & Weight



|                |          |
|----------------|----------|
| Length         | 90.00 mm |
| Width          | 90.00 mm |
| Height         | 26.00 mm |
| Product weight | 93.2 g   |

Colors & materials

|                |                    |
|----------------|--------------------|
| Product color  | Signal white       |
| Cover material | Polycarbonate (PC) |

Temperatures & operating conditions

|                                |                            |
|--------------------------------|----------------------------|
| Ambient temperature range      | -20...+45 °C               |
| Temperature range in operation | -20...+45 °C <sup>1)</sup> |

<sup>1)</sup> Relative humidity range: 0...80%, non condensing

Capabilities

|                   |            |
|-------------------|------------|
| Dimmable          | No         |
| Dimming interface | Zigbee 3.0 |

|                      |                                |
|----------------------|--------------------------------|
| Type of installation | Mounting/Wall/Mounting/Ceiling |
|----------------------|--------------------------------|

## Certificates & Standards

|                           |                                                                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval marks – approval | CE / UL / FCC / IC / RoHS / REACH                                                                                                                                                                                                                                                   |
| Standards                 | Acc. to EN 55032 / Acc. to EN 55035:2017 / Acc. to EN 61000-3-2:2014 / Acc. to EN 61000-3-3:2013 / Acc. to ETSI EN 300 328 / Acc. to ETSI EN 301 489 - 1 / Acc. to ETSI EN 301 489-17 / Acc. to EN 50663 / Acc. to EN 62479 / IEC62368_1C / EN 62368-1:2014+A11:2017 / REACH / RoHS |
| Type of protection        | IP20                                                                                                                                                                                                                                                                                |

## LOGISTICAL DATA

|                              |                            |
|------------------------------|----------------------------|
| Temperature range at storage | -40...+80 °C <sup>1)</sup> |
|------------------------------|----------------------------|

<sup>1)</sup> Relative humidity range: 10...90%, non condensing

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                             |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|
|   | User instruction / safety instructions | VIVARES ZB CONTROL                        |
|  | Extended installation guide            | Quick Installation Guide Vivares Zigbee   |
|  | Legal information                      | Legal Insert VIVARES ZB_Sensor_PB_Coupler |
|  | Declarations of conformity             | VIVARES ZB CONTROL                        |
| Tender texts                                                                       |                                        | Document name                             |
|  | Tender documents                       | VIVARES ZB CONTROL-EN                     |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075427488 | Folding box<br>1             | 46 mm x 167 mm x 132 mm              | 222.20 g     | 1.01 dm <sup>3</sup>  |
| 4058075427495 | Shipping box<br>5            | 275 mm x 185 mm x 150 mm             | 1362.00 g    | 7.63 dm <sup>3</sup>  |
| 4058075539587 | Shipping box<br>30           | 390 mm x 285 mm x 485 mm             | 9064.00 g    | 53.91 dm <sup>3</sup> |

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.

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## DISCLAIMER

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