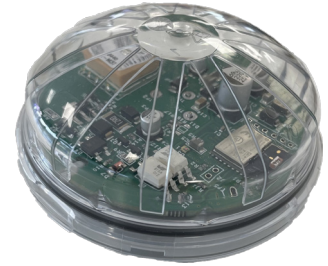


Z-NB18

Zhaga Book 18 2.4 GHz BLE/Zigbee to DALI Wireless Lighting Controller

Controller wireless Mesh Network 2.4 GHz Bluetooth LE/Zigbee compatibile. Sistema di connessione Zhaga Book 18. Gestisce in regolazione fino a 4 driver standard DALI. Alimentazione autosensing da 24Vdc oppure da linea DALI secondo le specifiche DALI-2 D4i. Versione MASTER con GPS, RTC e sensore di luminosità integrati.

Bluetooth LE/Zigbee compatible Mesh Network 2.4 GHz wireless controller. Zhaga Book 18 connector system. Manages in regulation and power up to 4 standard DALI. Autosensing power supply between 24Vdc or DALI bus according to D4i DALI-2 specification. MASTER version with integrated GPS, RTC and light sensor.



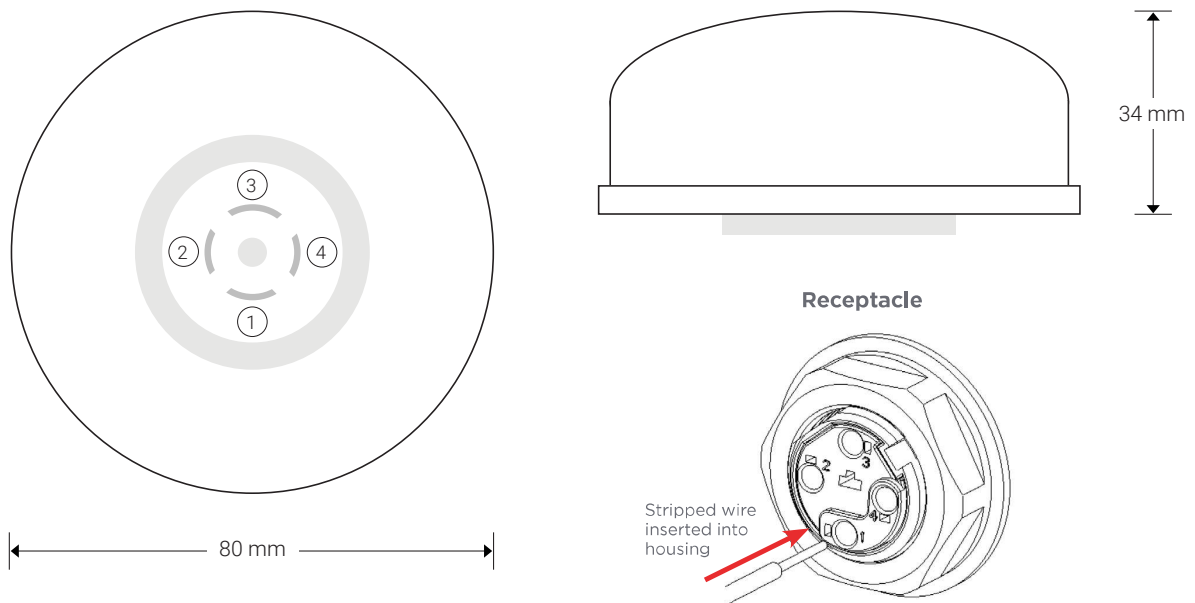
Modelli | Models

Model	Code	Description
Z-NB18-S	ZQ012-00R0	Zhaga Book 18 2.4 GHz BLE/Zigbee to DALI Wireless Lighting Controller - SLAVE version
Z-NB18-M	ZQ012-01R0	Zhaga Book 18 2.4 GHz BLE/Zigbee to DALI Wireless Lighting Controller - MASTER version

Specifiche tecniche | Technical specifications

Input power	Auto sensing between 24Vdc and DALI bus according to D4i specification. Max power consumption: 0,5W for SLAVE version, 1W for MASTER version.
2.4 GHz Bluetooth radio interface	Bluetooth LE. Output power +10 dBm (+20 dBm on request). Transmission range 20 m line-of-sight. BLE and Zigbee are active at the same time.
2.4 GHz Zigbee radio interface	Zigbee Home Automation protocol. Output power +10 dBm (+20 dBm on request). Transmission range 50 m line-of-sight, extension by Mesh Network. BLE and Zigbee are active at the same time.
Firmware update	Over The Air (OTA).
DALI interface	DALI-2/DiiA (IEC 62386). Control up to 4 DALI driver, broadcast or addressed. DALI, DALI-2 and D4i compatible.
Digital input	Dry contact (e.g. motion sensor)
Light sensor	Range 3 lux to 300 lux (only for MASTER version)
Real Time Clock	GPS based (only for MASTER version)
GPS	L1 Band receiver. Channel: 22 tracking, 66 acquisition (only for MASTER version)
Diagnostic LED	Power/Activity
Connector system/Mounting	Zhaga Book 18 Ed.2
Surge protection	Provided by DALI 2 control gear
Operating Environment	Ambient temperature (ta) -25°C to +75°C. Relative humidity 10% to 90% not condensing. Storage -30°C to +80°C
Housing	IP66, IK09
Dimensions	Ø 80 x H 34 mm
Weight	80 g
Standards & Legislation	Approvals RED 2014/53/EU. EMC directive 2014/30/EU. LV directive 2014/35/EC. RoHS II directive 2011/65/EU, 2015/863/EU. WEEE directive 2012/19/EU Safety EN 61347-1: 2015; EN61347-2-11: 2001 EMC EN 61000-3-2: 2014; EN 61000-3-3: 2013, EN55015: 2013/A1: 2015; EN 61547: 2009 ETSI EN 300-220-2 V3.1.1, ETSI EN 301-489-1 V2.1.1; ETSI EN 301-489-3 V2.1.1

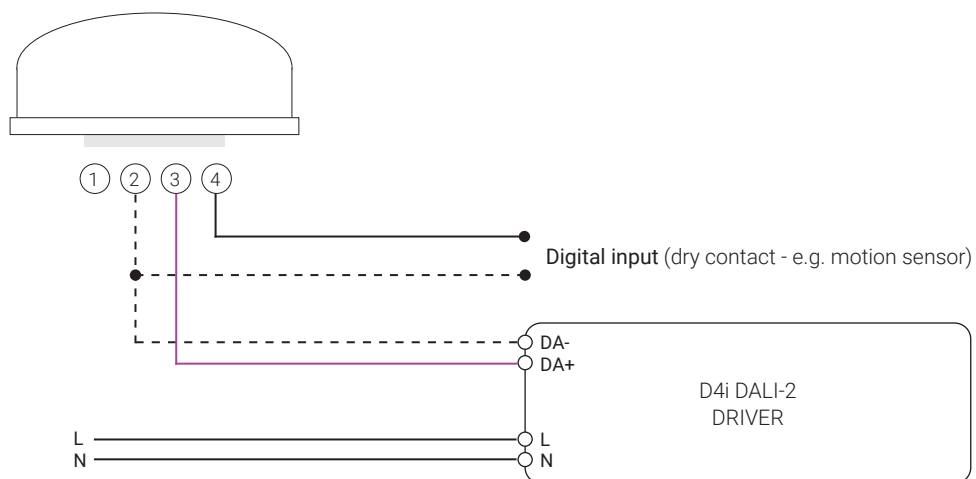
Dimensioni e connessioni | Dimensions and wiring



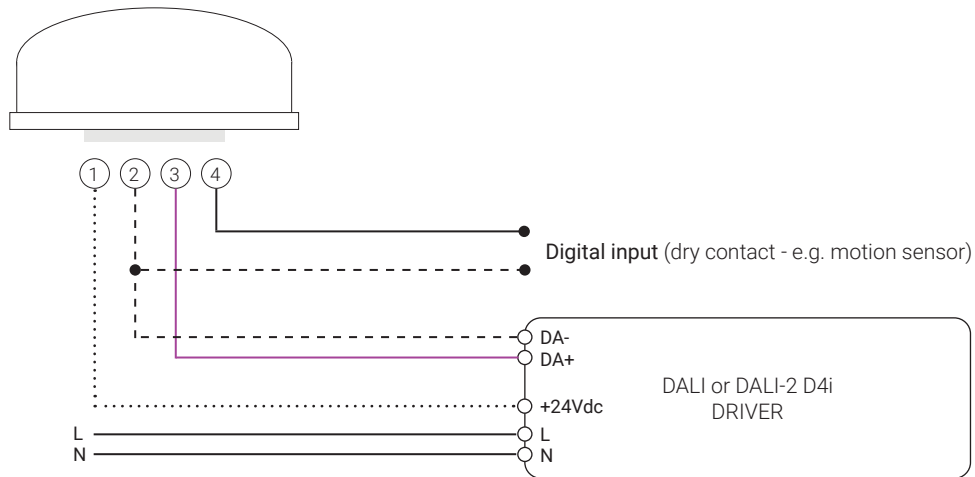
1	+24Vdc
2	GND
3	DALI +
4	Digital input

Cablaggio apparecchi DALI o DALI-2 D4i | DALI or DALI-2 D4i luminaires wiring

Connessione del modulo di controllo a driver DALI-2 D4i (es. Philips Xitanium SR®, OSRAM DEXAL®, ecc).
Connection of the control module to a D4i DALI-2 drivers (e.g. Philips Xitanium SR®, OSRAM DEXAL®, etc).



Connessione del modulo di controllo a driver DALI o DALI-2 D4i.
Connection of the control module to a DALI or D4i DALI-2 drivers.



Software | Software

Z-NB18 può essere configurato tramite l'App **Light360 Setup**, disponibile per dispositivi mobile Apple ed Android.
Z-NB18 can be configured via the **Light360 Setup App**, available for Apple and Android mobile devices.

