



DALI-2 Broadcast Dimmer Kit

Technical Overview Guide



Engineered by
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DALI-2

Broadcast Dimmer Kit

Introducing the RAPIX DALI-2 Broadcast Dimmer Kits – a smart, simple solution for seamless lighting control in commercial and residential spaces. Designed for fast installation and effortless operation, these kits offer reliable DALI-2 broadcast functionality without the need for device addressing or complex setup. With a choice of stylish control options including either Classic Push Button or Rotary Switch kits, our RAPIX kits deliver flexible, user-friendly control of lighting groups with just a single touch or turn. The kits are compatible with a wide range of switch plates from most major Australia and New Zealand suppliers including ZETR, Clipsal, Voltex and Trader.



DALI-2 Certified Products
offer seamless operation



Out-of-box solution which
requires no additional
software or tools



Local support for
troubleshooting and assistance



Key Features DALI-2 Broadcast Solution Kit

DALI-2 broadcast simplifies digital lighting control by sending standard DALI (Digital Addressable Lighting Interface) commands to every fitting on the DALI line. No addressing or complex programming is required. With a single broadcast command, all connected luminaires dim, brighten, or switch in perfect unison, with no commissioning needed and effortless maintenance while still leveraging the precision and reliability of DALI-2.

- Ready Out-of-box
- No Addressing or Commissioning
- ON / OFF and Dimming Control
- DALI Broadcast solution
- Simple wiring installation
- Easy future integration to larger scale DALI-2 Control Systems



*Wall plates not included



Product Details and Kits

Push Button or Rotary solutions available

RAPIX offers a modular Push Button and Rotary DALI-2 broadcast switch kits to suit each individual application.



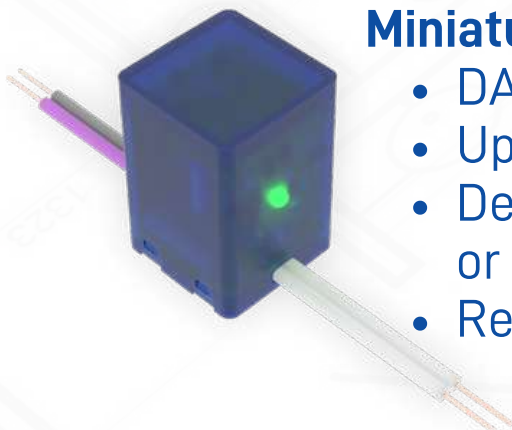
Classic Push Button

- DALI-2 certified
- Powered from the DALI line
- Out-of-box push for On / Off and push & hold to dim



Rotary Switch

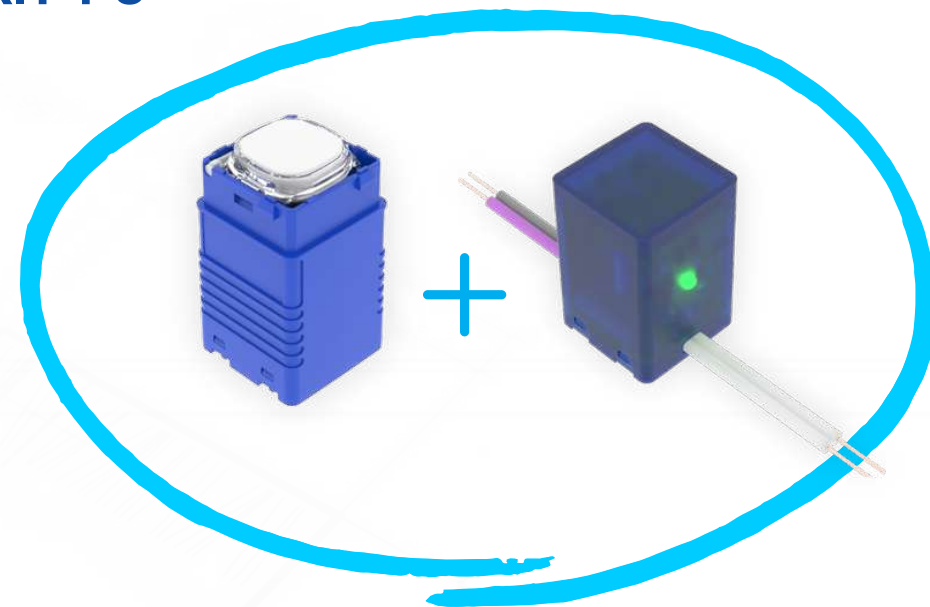
- DALI-2 certified
- Powered from the DALI line
- Out-of-box push for On / Off and rotate to dim



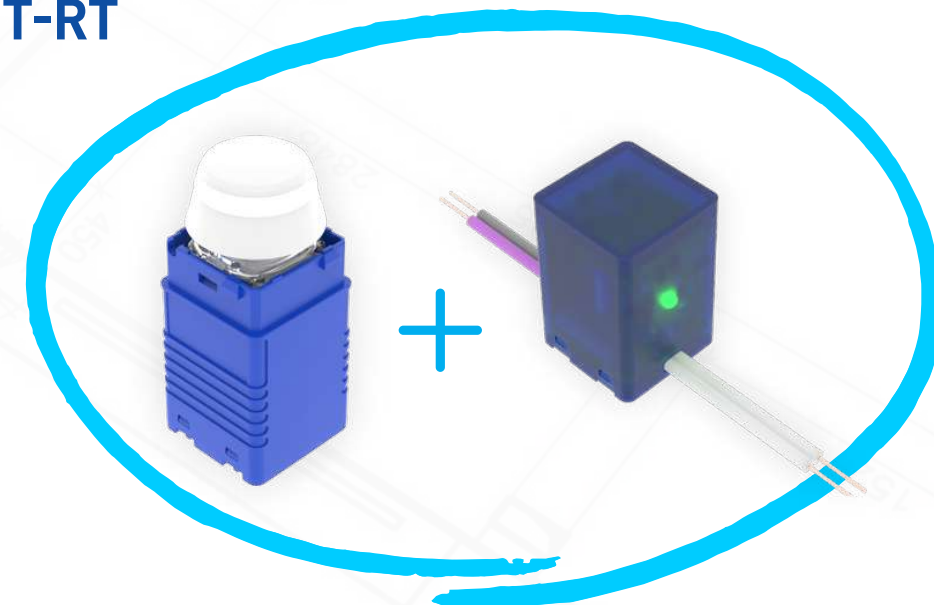
Miniature DALI-2 Power Supply

- DALI-2 certified
- Up to 40mA of load on DALI line
- Designed to fit inside a wall cavity or ceiling space
- Requires mains ac supply

Kit 1 - Classic Push Button Kit #DGOZ-BCKIT-PC



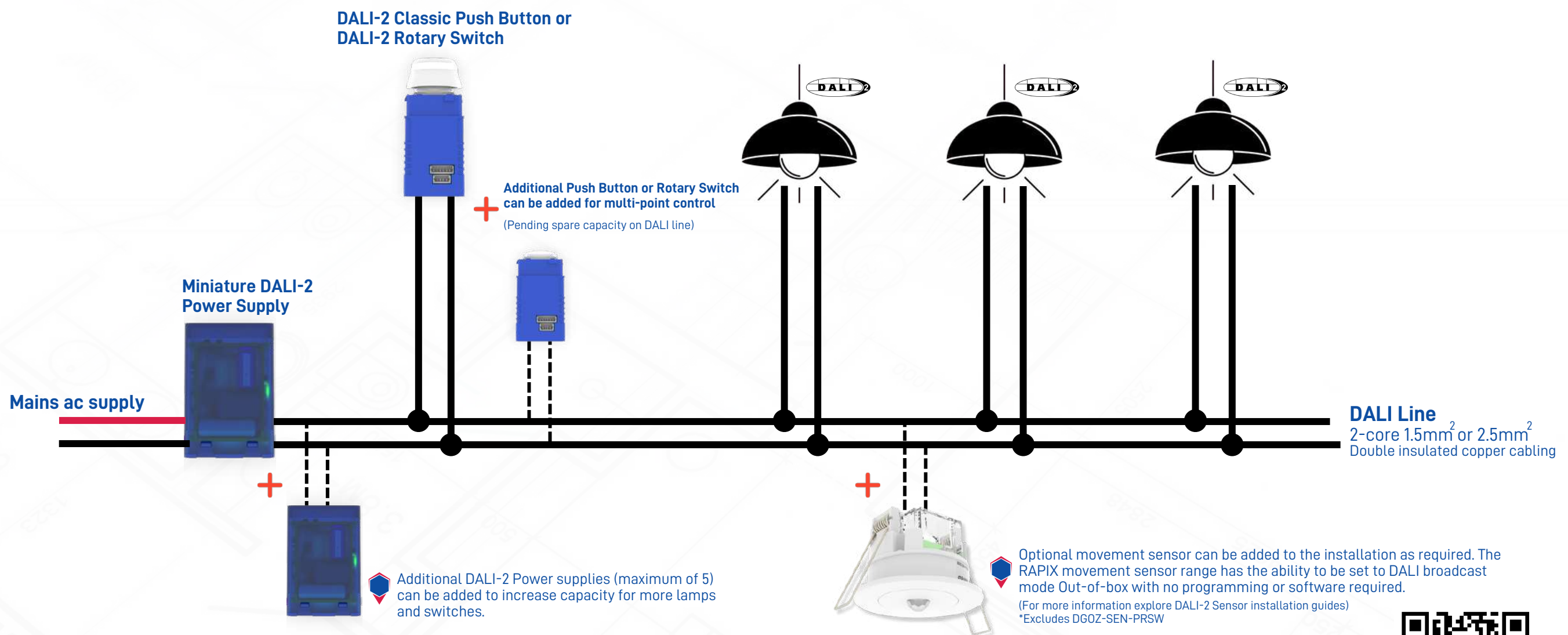
Kit 2 - Rotary Switch Kit #DGOZ-BCKIT-RT



Out-of-box Functionality

Wiring Methodology for Out-of-box DALI-2 Broadcast DALI Dimming functionality

Follow these steps and experience the benefits of DALI dimming performance. DALI broadcast wiring uses a simple two-wire, polarity-free control cable that connects all DALI-2 compatible devices in parallel on the same bus. This control line is run separately to the mains power wiring and forms a single DALI line. Since broadcast control doesn't require individual addressing, setup is straightforward - just connect all devices to the DALI line, and they will all respond to the same commands.



Scan Me

Movement and Occupancy Sensors

Elevate the “Out-of-box” functionality with Movement Sensors

The advantage of a DALI-2 system is the ability to simplify incorporating switches and sensors as required. DALI broadcast is a simplified method of sending commands to all DALI devices on a network simultaneously, without addressing each one individually. Instead of targeting specific fixtures, a broadcast command affects every connected device, making it useful for basic applications like turning all lights on or off or dimming them together - ideal for installations where individual control is not required.



DGOZ-SEN-PRLLSW

- DALI line powered, super low current draw: only 2 mA
- Surface mount adaptor available
- Low profile, small lens – hardly noticeable on typical white ceilings

Movement and Occupancy Sensors available with Out-of-box functionality

- DGOZ-SEN-PRLLSW: 8-10m Movement sensor
- DGOZ-SEN-PRLLSW-BK: 8-10m Movement sensor (black)
- DGOZ-SEN30-PRLLSW: Miniature 8-10m Movement Sensor
- DGOZ-SEN30-PRLLSW-BK: Miniature 8-10m Movement Sensor (black)
- DGOZ-LRS-PRLLSW: Long Range 24m Movement Sensor
- DGOZ-SEN-PRLLSW-IP: Long Range IP65 24m Movement Sensor



Optional Accessories and Compatible Plates

The RAPIX DALI-2 LED Modular Switches fit most common wall switch apertures

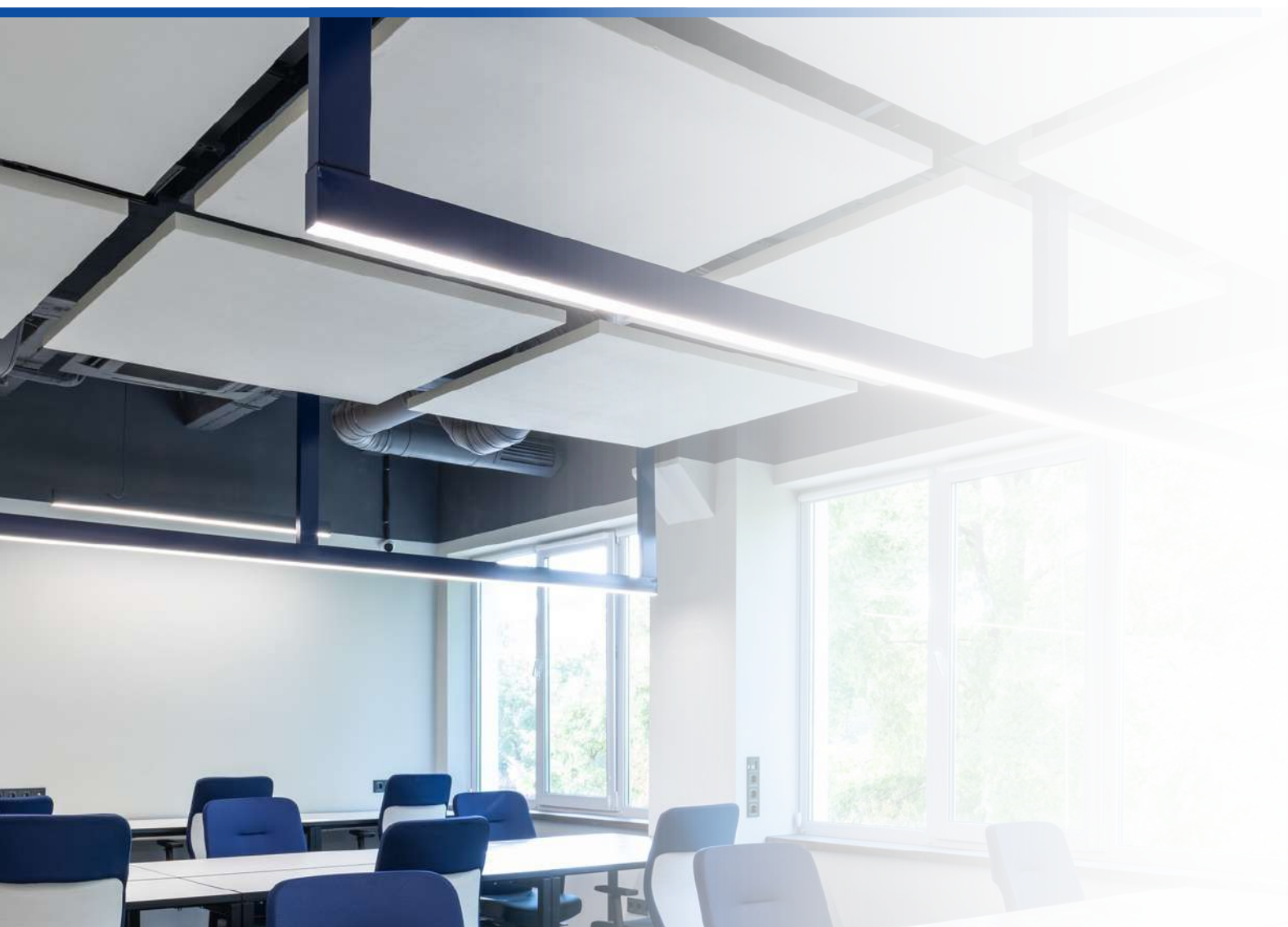
The RAPIX DALI-2 LED Modular Switches are designed to fit seamlessly into most standard wall plate apertures, making them ideal for both new installations and retrofits. To suit a wide range of aesthetic and functional requirements, a range of interchangeable coloured bezels, dials and grip rings are available to allow easy customisation. For high-traffic or public environments, an optional anti-vandal kit is also available, providing added durability and tamper resistance where it's needed most.

Key Features:

- Easy switch out / exchange of the standard white / clear / small dial options allowing use of colour options if desired.
- DALI-2 LED Modular Switches are compatible with a wide range of switch plates from most major Australia and New Zealand suppliers including ZETR, Clipsal, Voltex and Trader.
- Anti Vandal Kit suitable for wall plates with screw holes in the rear (Clipsal, Trader, Voltex and others).



Black Push Button Dolly – Classic Style	DGOZ-DSW30ACC-PBB
Green Push Button Bezel	DGOZ-DSW30ACC-GB
Orange Push Button Bezel	DGOZ-DSW30ACC-OB
Blue Push Button Bezel	DGOZ-DSW30ACC-BB
Large White Dial with Clear Ring	DGOZ-DSW30ACC-LDW
Large Black Dial with Clear Ring	DGOZ-DSW30ACC-LDB
Large Green Rotary Grip Ring	DGOZ-DSW30ACC-GRL
Large Orange Rotary Grip Ring	DGOZ-DSW30ACC-ORL
Large Blue Rotary Grip Ring	DGOZ-DSW30ACC-BRL
Small Black Dial with Clear Ring	DGOZ-DSW30ACC-SDB
Small Green Rotary Grip Ring	DGOZ-DSW30ACC-GRS
Small Orange Rotary Grip Ring	DGOZ-DSW30ACC-ORS
Small Blue Rotary Grip Ring	DGOZ-DSW30ACC-BRS
Anti Vandal Kit	DGOZ-VKIT30



Products also sold separately and are fully interchangeable

All parts are available separately and can be mixed and matched to suit project needs

FAQ

- Can i install 1 Push Button and 1 Rotary module controlling the same lights? Yes, buy 1 kit and 1 extra module.
- I require 5 Rotary Switch modules controlling the same lights? Order 1 kit and order 4 more Rotary Switch modules.
- I am designing the fit-out for a meeting room with 2 entry doors and a motion sensor? Order 1 Kit, 1 extra Push Button, and 1 extra Sensor.
- I need to replace a damaged product? Everything is available to order separately.



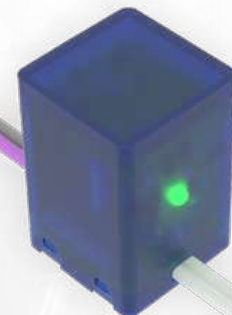
Classic Push Button

- DGOZ-DSW30M-PB



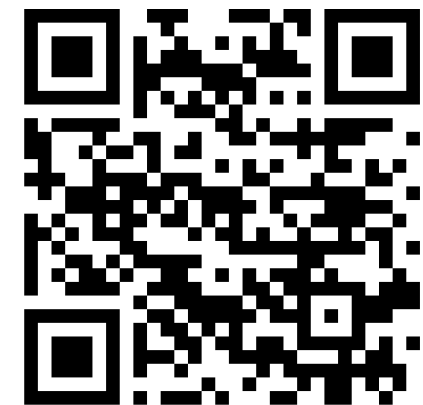
Rotary Switch

- DGOZ-DSW30M-RT



Miniature DALI-2 Power Supply

- DGOZ-DPSM



Explore our full range
of DALI-2 products





RAPIX

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