

Calibo DALI Rotary Switch

DALI-2 rotary controller for switching, dimming and Tunable White control

A tactile wall-mounted lighting controller for DALI and DALI Device Type 8 Tunable White systems. A short press switches the lighting; rotation adjusts brightness; pressing and rotating changes colour temperature. The integrated DALI bus supply is active when the controller is mains powered.

Key features

- DALI-2 application controller
- Up to 25 DALI control gears per active controller
- Up to 4 active controllers / 100 DALI control gears
- Up to 300 m total DALI control wiring
- Configurable minimum brightness
- Configurable warm/cool colour-temperature limits
- Automatic synchronisation between control points



Technical data

Control protocol	DALI-2; standard DALI dimming and DALI DT8 Tunable White control
Supply	230 V AC, 50/60 Hz
Power consumption	2 W
DALI control interface	DA+ / DA-, 16 V DC
Maximum load	25 DALI control gears / 52 mA per active controller
System expansion	Up to 4 active controllers; maximum 100 DALI control gears. Passive control points can be added in permitted combinations.
Colour-temperature setting range	2000-10000 K (subject to connected DT8 luminaires)
DALI control cable	Up to 300 m total wire length
Permitted conductor size	1.0-2.5 mm ²
Dimensions	71 x 71 x 50 mm
Product colour	White
Ambient temperature	0 to +50 °C
Ingress protection	IP20
Protection class	Class II
Installation	Integrated in flush device box
Approvals	CE / UKCA / EAC

Typical applications

Commercial offices and meeting rooms, hospitality, restaurants, retail, education and other interior schemes requiring simple local DALI dimming or Tunable White control.

Operation

Press: switch on/off **Rotate:** dim up/down **Press + rotate:** adjust Tunable White colour temperature.

Important: Installation must be carried out by a suitably qualified person. Observe DALI polarity and the wiring diagram. At least one mains-powered active controller is required. Specifications are based on the original DALI MCU TW G2 technical documentation and are subject to change.