zencontrol

smartscape
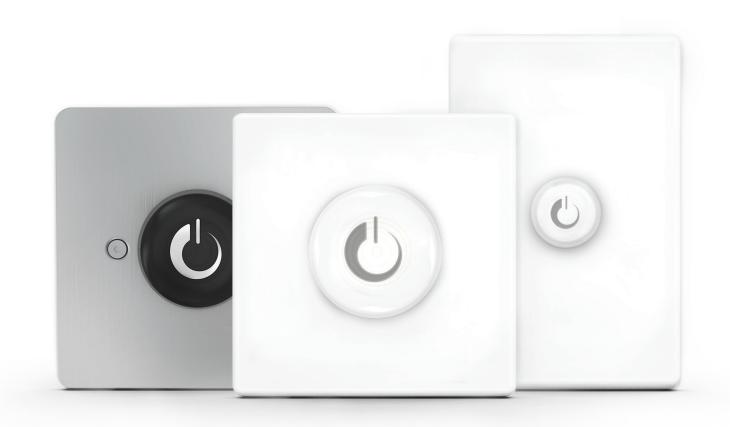connected lighting systems

DALI rotary switch **datasheet**

Features

- 5 mA DALI line current
- Designed for compliance to IEC 62386-301
- Suitable for up to 32 devices per DALI line
- Designed for mounting in common switch plates
- Upgradeable to match changes in DALI standards
- Powered directly from DALI line, no separate supply required

Powered by DALI
No additional supply means energy savings and simple installation

Rotary control
Enables rotary dimming for a traditional interface

DALI-2
For use with DALI-2 compliant application controller

Compatible
Designed for installation into standard switchplates

zencontrol

Specifications

Supply	DALI
Control system	DALI-2
DALI line current	5 mA
Wiring	0.5 - 0.75 mm² Strip 6 - 7 mm (supplied with 100 mm flylead)
Operating temperature	0 to 45°C
Material	PC
Ingress protection	IP20
Compliance standards	IEC 61347-2-11 CISPR 15 IEC 62386-301 EMC-2004/108/EC LVD-2006/95/EC

Product range

Order code	Description
zc-rotary	DALI rotary switch 20 x 20 mm
zc-rotary-2550	DALI rotary switch 25 x 50 mm
zc-rotary-2550-b	Black DALI rotary switch 25 x 50 mm

Features

- Rotary and pushbutton interface
- Supplied with 100 mm pre wired cable
- Compatible with standard switch-plates
- Designed for compliance to IEC 62386-301*
- Suitable for one DALI line of up to 32 devices
- For use with DALI-2 compliant application controller
- Control scenes / groups / actions / events with a zencontrol control system

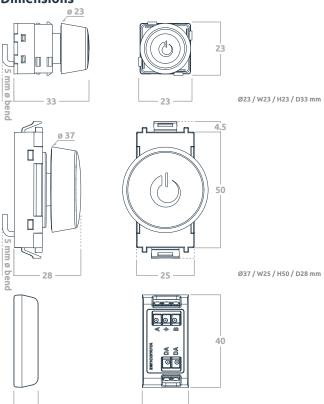** Pending publication of test sequences*

Notice

- The switch must not be connected to any mains. It is powered directly from the DALI line.
- The DALI line is not SELV. It must be treated like LV mains and treated with the same precautions and wiring regulations.

Dimensions

ø 23

5 mm ø bend

33

23

Ø23 / W23 / H23 / D33 mm

ø 37

4.5

50

5 mm ø bend

28

25

Ø37 / W25 / H50 / D28 mm

10.5

40

20

W40 / H20 / D10.5 mm

Configuration

By default the zc-rotary is configured to have 3 control device instances corresponding to rotate clockwise, rotate counter clockwise and push. Actual function is dependant on the configuration of DALI-2 application controllers connected to the DALI line.