zencontrol

Room controller **datasheet**

Features

- Compatible with DALI and DALI-2
- Simple linking of rooms / groups with SELV inputs
- Automatic commissioning of standard features
- Zero commission for basic building
- 10 SELV switch inputs for local lighting control
- Built in DALI power supply
- Up to three lighting circuits (any phase)
- Upgradeable to match changes in DALI standards

DALI device
DALI compliant
and compatible

Compatible cords
Compatible w. zencontrols
extensive cabling system

Simple setup
Simple out of the box
setup and installation

Simple linking
Simple linking of rooms /
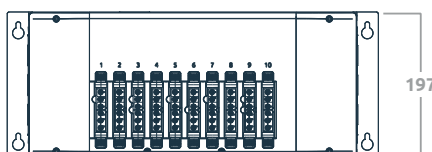groups with SELV inputs

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Specifications

Supply voltage	230 V ~ 50 Hz
DALI supply current	235 mA
Relay rating	Switched live 10 A Switched permanent live 6 A
Terminal capacity	Mains 1 - 4 mm² Digital I/0 0.5 - 2.5 mm²
Lighting circuits	3
Load per circuit	10 A
Load per channel	6 A fluorescent and incandescent lighting 3 A compact fluorescent lighting 3 A low energy lighting 3A fans and ventilation equipment DALI power supply 16.5 Vdc 235 mA
Operating temperature	0 to 45°C
Material	PC
Classification	Class I
Mounting	Independently mounted control for surface mounting
Compliance standards	IEC 61347-2-11 IEC 60669-2-1 IEC 60950-1 CISPR 15 CISPR 22 EN 55015 EN 55022 IEC 62386-301 EMC-2004/108/EC LVD-2006/95/EC

Product range

Order code	Description
zc-room-basic	Basic room controller
zc-room-lite	Lite room controller
zc-room	Full feature room controller

Features

Model	Full feature	Lite	Basic
10 SELV switch inputs	✓	✓	
Serial interface, supporting SCI mode 1	✓		
Two volt-free outputs	✓		
10x switched relay outputs	✓		
Three lighting circuits	✓	✓	✓
DALI power supply	✓	✓	✓
DALI application controller	✓	✓	✓
Ethernet 10 / 100	✓	✓	✓
10 channel output	✓	✓	✓
Automatic DALI grouping	✓	✓	✓
System relay / emergency test contact	✓	✓	✓
Room control mode	✓	✓	✓
Real time clock	✓	✓	✓
BACnet (upgradeable)	✓	✓	✓
KNX (upgradeable)	✓	✓	✓

Accessories range

For cordsets see datasheets at **zencontrol.com/downloads**

Dimensions

500

57

197

197 / 500 / 57 mm