

**Connections**

Mains supply:	Solid core: up to 4 mm <sup>2</sup> Stranded: 2.5 mm <sup>2</sup>
DALI:	Wire size: 0.5 mm <sup>2</sup> - 2.5 mm <sup>2</sup> Recommended: 1.0 mm <sup>2</sup> - 1.5 mm <sup>2</sup> Max. length: 300 m @ 1.5 mm <sup>2</sup>
S-DIM/DMX:	0.22 mm <sup>2</sup> - 1.5 mm <sup>2</sup> low-loss, RS485 type (multistranded, twisted and shielded)
Cable rating:	All cables must be mains rated

**Power supply**

Mains supply voltage:	85 VAC - 264 VAC, 45 Hz - 65 Hz
External MCB protection:	Max. 6 A, The external power supply must be protected.
Isolation:	4 kV between mains supply; DALI outputs; DALI system; and S-DIM/Override connectors. DALI channels are not isolated from each other.
Standby power:	No Standby Mode - DALI power provided for DALI channels.
Max. total losses:	7 W
DALI consumption:	2 mA (DALI system input)

**Inputs**

Control:	DALI; S-DIM or DMX
Override (OVR):	Wired override input
User interface:	5 push buttons for configuration

**Outputs**

DALI:	8 output channels
Max. load per output:	128 mA (64 devices)

**Operating Conditions**

Ambient Temperature:	0 °C to +40 °C
Relative Humidity:	Max. 90 %, non-condensing
Storage Temperature:	-10 °C to +70 °C

**Conformity and Standards**

EMC Emission:	EN 61000-6-3
EMC Immunity:	EN 61547
Safety:	EN 60950-1
Environment:	Complies with WEEE and RoHS directives
DALI:	EN 62386:2009 edition 1

**Configuration software**

Designer version:	4.2.18 or higher
PC programming tool version:	2.3.3 or higher

**Mechanical Data**

Material:	Polycarbonate/ABS mix, UL94 V-0
IP rating:	IP 00 (For installation in a restricted access location only)
Mounting:	DIN rail mounting
Weight:	250 g
Module dimensions:	9 module width: 160 mm × 90 mm × 62 mm



# LMS CD HE DALI CONTROLLER 8CH

**CODE: 2500695KR000**

The DALI Controller can control up to 8 DALI channels of up to 64 devices. Is for controlling ballasts and drivers when device addressing is not required.

This reduces commissioning and maintenance cost, as the load devices can be simply replaced. The flexible control inputs support multiple protocols, by routing an input address or group to its corresponding subnet output. Connect the Controller to a DALI network, and configure using PC programming tool software. It can be connected to mains voltage lamps directly, or to low voltage lamps via a wirewound transformer. The dimmer is provided with a status LED and a physical selection switch. The LED provides status and fault indications, the physical selection switch is used to identify the device during system configuration. Note: This unit does not contain a DALI power supply and therefore one must be incorporated elsewhere in the system.

**Key Features**

- Control using DALI Broadcast messages on each subnet
- Integral DALI Power Supply - supports up to 512 DALI devices (8 × 64 devices: 2 mA per driver/ballast)
- Lamp failure reporting per subnet
- Lower commission costs - device addressing/grouping on subnet not required
- DALI / S-DIM / DMX control inputs

