



LMS CD HE DIMMER 500W

CODE: 2500018KR000

Is a DALI-compatible Lamp Interface Unit for use in a lighting control system. The dimmer is a DIN-rail mounted unit that can control a maximum load of 500 W. 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

- Out-of-box operation. No programming required when using slider, rotary or push button panels.
- Input voltage and frequency fluctuation compensation ensures stable output levels with fluctuating incoming mains levels.
- Over current and over temperature protection.
- DIN-rail mounted and only 35 mm wide.

Additional Functions

- The following functions may be programmed using the PC programming tool software.
- Max/Min levels, Fade times, Scenes and Groups.
- Dimmer status report.
- System failure level/ignore.
- Power on level.
- Power on to last level.
- These functions are programmable using IR remote

Installation Notes

- The dimmer is for use with incandescent lamps and low voltage lamps via wire-wound transformers. It is suitable for use with electronic transformers, if use is approved by transformer manufacturer.
- The external mains supply must be protected. It is recommended that a 4 A MCB is used.
- All cabling must be 230 V mains rated.

Connections

DALI:	Standard removable terminal block 0.5 mm ² - 1.5 mm ² stranded or solid core
Mains:	Up to 4 mm ² solid core or up to 2.5 mm ² stranded Note: If equipment is used in an electrically noisy environment, the DALI cable should be screened and connected to the earth.

Power

Mains supply:	220 VAC - 240 VAC, 50 Hz - 60 Hz
Heat dissipation:	3.5 W with maximum load (resistive)
DALI supply output:	None (Use external DALI power supply)
DALI consumption:	2 mA

Mechanical data

Dimensions:	35 mm x 58 mm x 90 mm
Housing:	DIN-rail case 35 mm wide
Weight:	110 g
IP code:	IP30

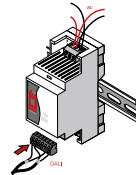
Operating and storage conditions

Ambient temperature:	0 °C to +40 °C Above this temperature, derate according to the adjacent graph.
Relative humidity:	Max. 90 %, noncondensing
Storage temperature:	-10 °C to +70 °C

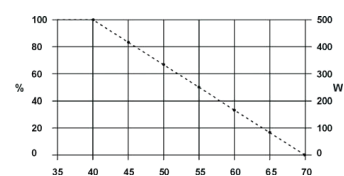
Conformity and standards

Emission:	EN 55015
Immunity:	EN 61547
Safety:	EN 60950
Isolation:	4 kV
Environment:	Complies with WEEE and RoHS directives

CONNECTION



LOAD POWER DERATING WITH AMBIENT TEMPERATURE



DIMENSIONS

