

DIN RAIL DIMMER LD11

Dimmer for installation on DIN Rail. Switches and dims lighting circuits up to 700W. Suitable for 230V and low-voltage lighting with a transformer, including halogen lighting. Remote control via the mains using Marmitek X-10 Commands and with one or more momentary switches. Can be used in combination with 'designer' switching material. Soft start and smooth dimming features, remembers the last dim setting. Can be regulated from 0% lighting to the desired dim setting.



FEATURES

With the LD11 DIN Rail Dimmer you can control and dim lights using the Marmitek X-10 system. The module can be operated with Marmitek Remote Controls, Wireless Switches, Timers, PC, etc.

There are terminals for external momentary switches (of any type or brand), which means the LD11 can also be operated manually and used in two way switch schemes. Momentary switches attached to the LD11 cannot have a glow lamp in series.

The LD11 responds to the Marmitek X-10 Commands 'On', 'Dim', 'Bright', 'All Lights On', 'Off' and 'All Off'.

The dimmer is also suitable for use with (low voltage) halogen lighting and most electronic transformers suitable for phase dimmers (i.e. Osram).

As not every (electronic) transformer can be dimmed in this way, it is recommended that the combination is checked before installing the system. The module is not suitable for dimming and controlling low-energy light bulbs and tube lighting. The AD10 should be used for these devices.

The module can be mounted on the DIN Rail and built into a separate casing or into the distribution panel.

Phase and **Neutral** need to be available before the module can be installed. Operation of the unit with Marmitek X-10 Commands takes place via the mains wires. This means that no extra wiring is necessary.

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Power:	230V +10% -15%, 50Hz
Supply Current:	<20mA capacitive
Power:	60 to 700W
EMC Emission:	According to EN 50081-1
EMC Immunity:	According to EN 50082-1
Electrical Safety:	According to EN 60950 and 60065
Signal Sensitivity:	15mVpp min, > 50mVpp at 120kHz
Input Impedance:	>60_ (L/N) at f=120kHz
Fuse: 3.15 A (T)	
Terminals:	Screw connectors for phase, neutral and switched phase (controlled at point 2)
Dimensions wxhxl:	50x80x65mm
Ambient temperature:	0°C to 40°C (operating), -20°C to 70°C (storage)

WARNING

Automatic switching devices provide comfort, but can also be dangerous. They can surprise people or can ignite clothing hanging over an electric heat source. Please be careful and take appropriate measures to avoid accidents.

WIRING DIAGRAM

