

Lighting Controller

This compact unit provides the distributed I/O points that connect a cluster of lights in an area.

Overview

The lighting controller is not necessarily used solely as a LED lighting control it is also capable of controlling other 24V DC loads such as the Ata Touch extractor fans, relays to switch 230V AC loads, damper motors etc.

A ceiling mounted version is also available if required. It supports all the same features as the wall recessed lighting controller. The ceiling mounted version can be used to go into a recessed light cavity in the ceiling or be fixed to a support.

Features

- 5 digital output zones with PWM capability
- 1 digital input
- Built in current draw sensing and short circuit protection
- Wall recessed or surface mounted

Technical specifications

Permissible ambient temperature	-25°C to 70°C
Protection class	IP20
EMC emissions	Conforms to EN 55022/CISPR 22
Dimensions (W x H x D)	Wall mounted 165mm x 135mm x 55mm Ceiling mounted 145mm x 65mm x 45mm
Communications	Ata-Touch 485, node addressable

**Wall recessed
lighting controller**



**Ceiling mounted
lighting controller**



Outputs:

Number of outputs	5
Output technology	PWM capable high side driver
Rated load voltage	10V DC - 32V DC
Load type	Resistive, inductive, lamp load
Max output current	2.2A (short-circuit proof) per zone
Indication	Output status LEDs (wall recessed version only)
Total module output current	10A
Variable current	1.5-2.2A current limit adjustable zone

Inputs:

Number of inputs	1
Nominal voltage	10V DC - 32V DC