



DALI LOGIC

DALI To 1 Channel PWM Brightness Controller

Coolon DALI Logic is the world's most reliable DALI PWM controller for architectural applications. Designed to complement Coolon architectural LED fixtures range for maximum performance in a convenient small package.

Use DALI Logic to interface between a remote standard DALI source and LED lights fitted with Coolon brightness control input. The fittings and external power supply are conveniently connected using screw terminals on the output side. Input and output screw terminals are also provided in the interface side for DALI bus.





COMPACT

DALI Logic driver is designed to suit DALI LED applications where using luminaires with PWM (brightness) control input. A compact design allows it to be installed in the smallest of spaces.

RELIABLE

Coolon LED drivers are designed and built to the highest standards and offer high-performance, reliability and efficiency supported by our 3 years standard warranty or up to 5 years extensive warranty.



SIMPLE

Connect using screw terminals plugs, making on-site installations free of specialized tools or crimping. The plug type connectors simplify installation and troubleshooting.

CONVENIENT

It will turn suitable LED luminaires into a dimmable fitting via DALI control. Compact yet highly capable, DALI Logic will control suitable luminaires from 1 ~ 100% range.

TECHNICAL SPECIFICATIONS

Product Code	CTR-DALILOGIC
Description	DALI to 1 Channel PWM Brightness Controller
Device Type	Standard DALI input (addressable), PWM control output (suitable for LED products with inbuilt brightness control line)
Control Protocol	DALI Standard Compliant
Solid State Output	PWM signal, Push-pull (100mA Max)
PWM Frequency	75 Hz
Dimming Range	1 ~ 100%
Load / Supply Voltage	24 ~ 48V DC
Power Consumption	0.25W (No Load)
Load Voltage	24 ~ 48V DC
Enclosure	Plastic Enclosure (Fully Isolated)
IP Rating	IP40
Working Temperature	-10 ~ 60°C
Connection	Screw terminals (Easy plug-in)

APPLICATIONS

DALI Logic remotely controls a variety of Coolon LED luminaires. Most popular applications are:

Architectural Lighting	Ceiling	Commercial Lighting
Coves	Offices	

COMPATIBILITY

Suitable to use with the following Coolon Products:

Aduro	Aduro X2	Aris
Beam	DLX	Electro
Max Mini	Maxis	Primo
Primo CC	Primo X2	Recess 60

FEATURES



Enclosed controllers are protected against solid objects greater than 1mm. No Protection against liquids.

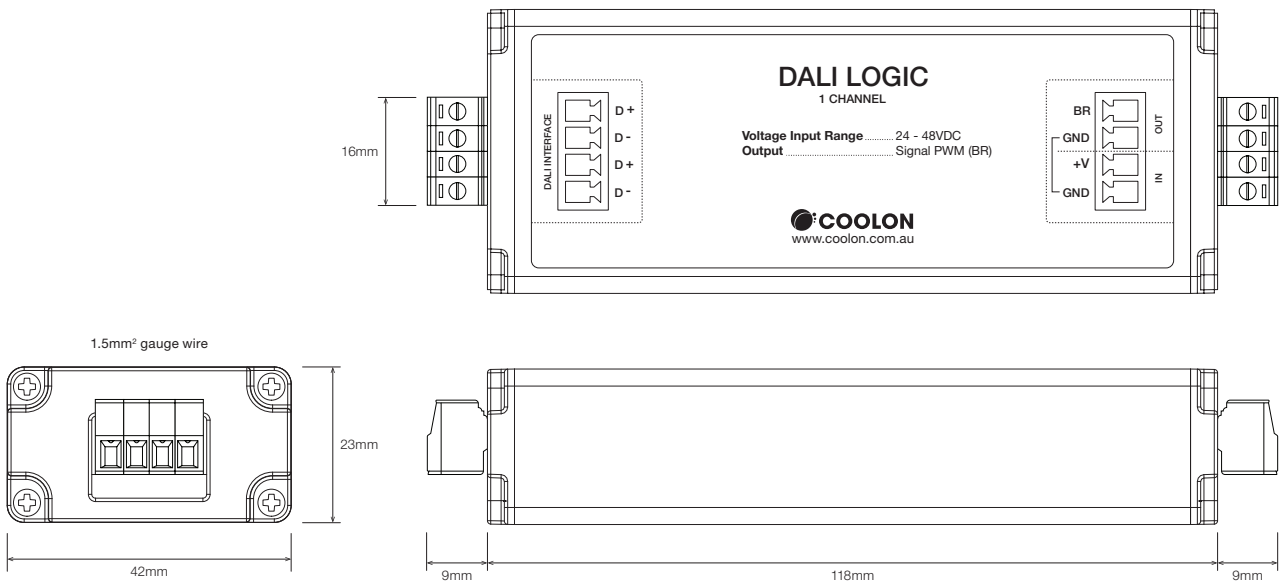


Coolon Controllers are covered by a solid comprehensive 3 year manufacturer's warranty.



Our products are designed and manufactured in Australia to ensure the highest standards.

▪ DIMENSIONS



▪ CONNECTION DIAGRAM

