



## DESCRIPTION

- The LUMAXGATE DALI Compact Controller Module is an electronic interface that allows to control up to 32 units of ITALED DC-DC drivers

## ELECTRICAL

Vin Voltage	24 / 48V DC
Vout Voltage	24 / 48V DC
Max Drivers Connected	N° 32

## ENVIRONMENT

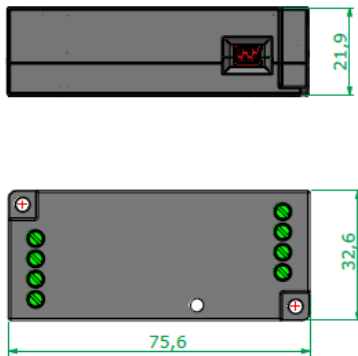
Working Temperature	-25° ÷ +50°C
Storage Temperature/Humidity	-20° ÷ +60°C; 10 ÷ 95%RH
Lifetime	50.000hrs
Warranty	5 years

## MECHANICAL

Dimensions Dimensions (L x W x H): 75,6 x 32,6 x 21,9 mm; (inch: 2,97 x 1,28 x 0,86)

Electrical Connections

- Terminal Block Input signal (left): DA - DA
- Terminal Block Drivers (right): +48V(red), GND- (black), Bus+ (white)



## STANDARD

Safety Standards UL8750 - EN 61347-1 - EN 61347-2-13

EMC Interference EN 55015 - FCC part 15

EMC Immunity EN 61547

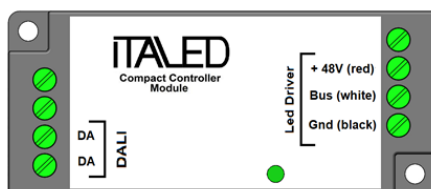
Environmental Rohs and reach compliant

## CONTROL

Interface DALI standard protocol

## CONNECTIONS

## REQUIREMENTS



Terminal	Description
DA	DALI IN Signal
DA	DALI IN Signal
+48V (red)	24 / 48V DC from Power Supply
Bus (white)	Communication Bus Voltage
Gnd (black)	Common for 24/48Vdc and Bus

## ARCHITECTURE

### DALI ARCHITECTURE

- DALI Standard Protocol
- Through the controller, it is possible to manage every single LED DRIVER as independent address

