

Installation Sheet

Warnings

RISK OF ELECTRIC SHOCK



THE CONTROLLER MUST ONLY BE INSTALLED BY QUALIFIED PROFESSIONALS IN ACCORDANCE WITH APPLICABLE NATIONAL AND LOCAL LAWS AND REGULATIONS.

FOR INDOOR USE ONLY.

DO NOT CONNECT THE MAINS/LINE VOLTAGE TO ANY CONNECTOR ON THE CONTROLLER.

THE CONTROLLER IS INTENDED TO BE INSTALLED INSIDE A CONTROL PANEL OR A BOX AND MUST NOT BE ACCESSIBLE FROM THE OUTSIDE.

DO NOT COVER THE CONTROLLER WITH OTHER MATERIALS DURING USE.

KEEP WATER AND OTHER LIQUIDS AWAY FROM THE CONTROLLER.

Hardware Installation

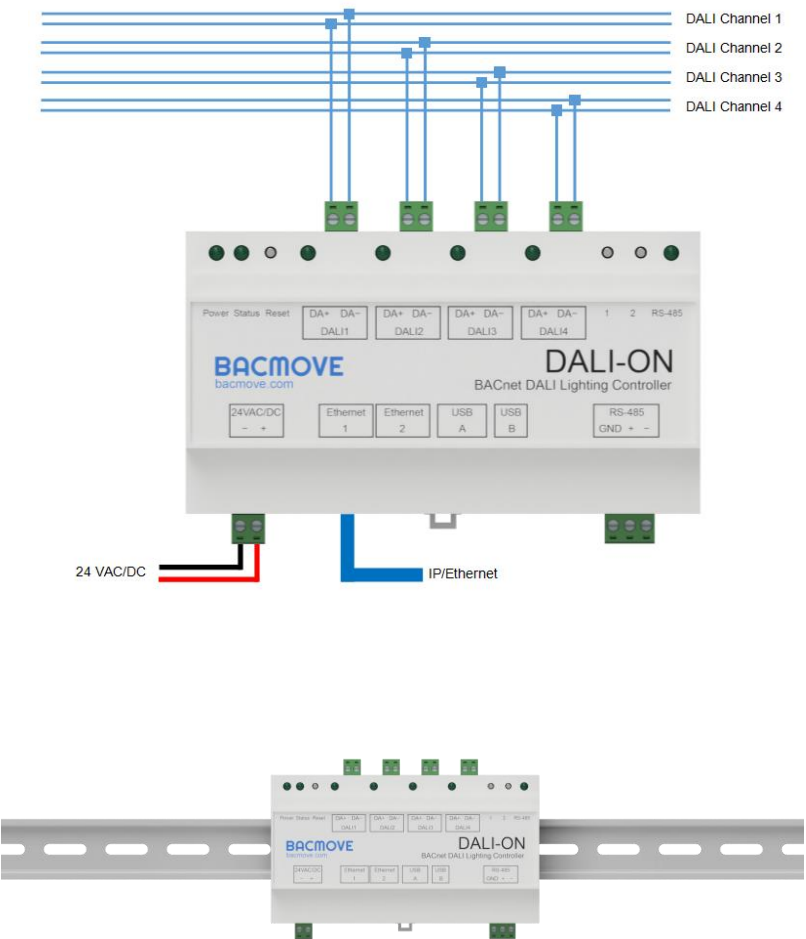
Installation steps:

Install the DALION with the DIN rail fixation.

Connect the DALION to the DALI channel bus. An external DALI power supply must be present on the bus.

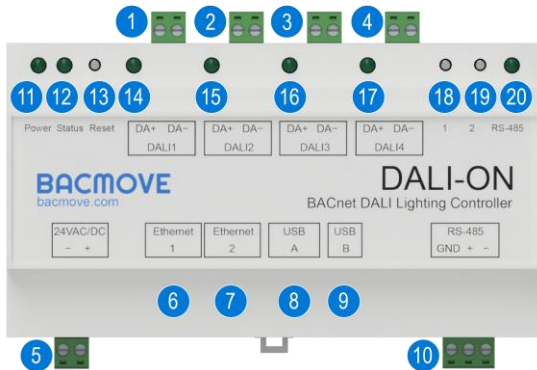
Connect the DALION to the LAN Ethernet network.

Connect the DALION to a 24 VAC transformer Class 2 or a 24 VDC power supply.



*The DALI Channel 2, 3 and 4 are only available on the 4 DALI channels model.

Connectors

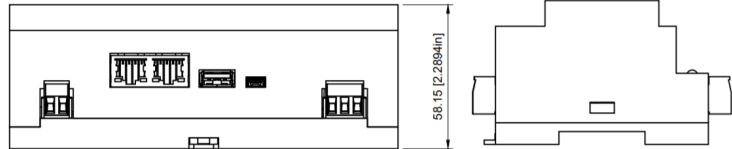
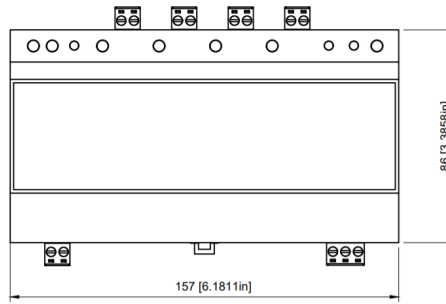


1. DALI Channel 1 connector
2 position pluggable terminal blocks header of 5.08 mm [0.200"].
2. *DALI Channel 2 connector
2 position pluggable terminal blocks header of 5.08 mm [0.200"].
3. *DALI Channel 3 connector
2 position pluggable terminal blocks header of 5.08 mm [0.200"].
4. *DALI Channel 4 connector
2 position pluggable terminal blocks header of 5.08 mm [0.200"].
5. 24 V power supply connector
2 position pluggable terminal blocks header of 5.08 mm [0.200"].
6. First Ethernet connector
RJ45 connector. Connect the LAN Ethernet network to this port.
7. Second Ethernet connector
RJ45 connector. Switch port with the first Ethernet connector.
8. N/A
9. USB device connector
USB 2.0 - Mini-B connector. For the USB console.
10. N/A
11. Power indicator LED
This LED is on when the DALION is powered.
12. Status indicator LED
This LED blinks to indicate the status of the DALION.
13. Reset IP button
Pressing this button for four (4) seconds will reset the IP configurations to the factory default value.
14. DALI Channel 1 LED
Activity LED for the DALI channel 1.
15. *DALI Channel 2 LED
Activity LED for the DALI channel 2.
16. *DALI Channel 3 LED
Activity LED for the DALI channel 3.
17. *DALI Channel 4 LED
Activity LED for the DALI channel 4.
18. Button 1
Pressing this button sends 0% to all lamps on all DALI channels.
19. Button 2
Pressing this button sends 100% to all lamps on all DALI channels.
20. N/A

*The DALI Channel 2, 3 and 4 are only available on the 4 DALI channels model.

Dimension

The dimensions are 157 x 86 x 59 mm,
6.181" x 3.386" x 2.323" (L x W x H).



Specifications

Model	DALION-4, DALION-1
Power supply	24 VAC 50/60 Hz or 24 VDC
Dimension	157 x 86 x 59 mm, 6.181" x 3.386" x 2.323" (L x W x H)
Fixation	DIN rail
Operating temperature	0 °C to 40 °C, (32 °F to 104 °F)
DALI channels	4 (DALION-4), 1 (DALION-1), external power supply
Ethernet interface	2, RJ45 Port, 100BASE-T, BACnet/IP, HTTP
Firmware	Upgradable firmware
Enclosure material	Light gray, UL 94 V-0

Default Parameters

IP	192.168.0.210
Netmask	255.255.255.0
Username	admin
Password	DALION
BACnet/IP UDP Port	47808