

NCSLED3Z

User Manual

• INSTALLATION

It's a good idea to read all of the instructions before beginning the installation.

• Tools and Supplies

You will need these tools and supplies to install your NCSLED3Z:

- 1.0 mm flat head screwdriver
- #2 square drive bit
- Wire cutters and strippers
- Electrical tape
- Volt meter/test light
- Crimping tool
- Fork Crimp connectors
- Minimum of 24 gauge wire required to connect DC to BCM
- 18 gauge wire for power connections
- 14 gauge wire for all light connections
- Four #8 PH (0.164" x 1.0") screws for mounting

• Disconnecting the Battery

To prevent a short circuit, be sure to turn off 12V power and remove the negative (-) battery cable prior to installation.

• Selecting the Mounting Location

Select a mounting location, taking care to avoid the following:

- Places exposed to heat-radiating appliances such as electric heaters
- Adjacent to other equipment that radiates heat
- Poorly-ventilated or dusty places
- Moist or humid locations

CAUTION:

Use with 12 Volt dimmable LED Lights only. If the Light has an individual on/off control, this must be left in the on position.

• LED Status Light

Status 1: LED is constant = System is running and no error

Status 2: Repeating long flash followed by a short flash = Input light voltage is below 8V. To correct, bring voltage back to nominal and turn on the lights.

Status 3: Repeating long flash followed by three short flashes = Short Detected. To correct, remove short and press reset button.

• Dip Switches

If the dip switch settings are changed, press the reset key on the dimmer module to activate the changes.

The first dip switch indicates the light group and dip switches 2-4 indicates the number of the dimmer module.

Interior Light Group: Dip Switch 1 Off.

Secondary Light Group: Dip Switch 1 On.

If only one dimmer is installed, leave dip switches 2-4 in the "Off" position. If multiple dimmer modules are used, turn the assigned address number dip switch to the "On" position. See table 1 below for the address assignments when multiple dimmer modules are installed.

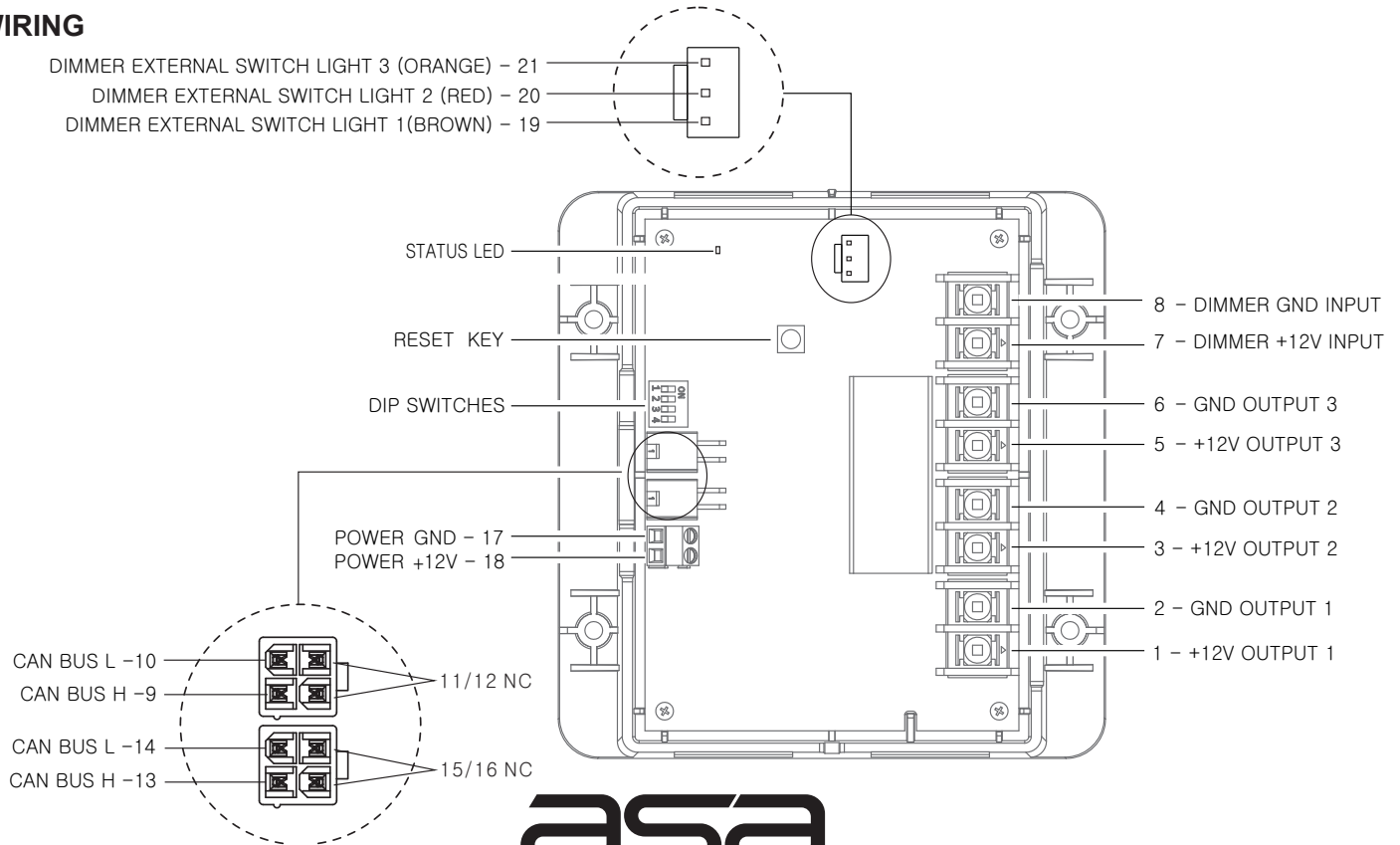
Dimmer Module No.	Light No.	Dip 2	Dip 3	Dip 4
1	1,2,3	OFF	OFF	OFF
2	4,5,6	OFF	OFF	ON
3	7,8,9	OFF	ON	OFF
4	10,11,12	OFF	ON	ON
5	13,14,15	ON	OFF	OFF
6	16,17,18	ON	OFF	ON
7	19,20,21	ON	ON	OFF
8	22,23,24	ON	ON	ON

Table 1 multiple dimmer modules

Note:

The dimmer module address will be determined by the floor plan.

• **WIRING**



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Features and specifications subject to change without notice.

For further technical support call: **1-877-305-0445**

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