Honeywell

Honeywell INNCOM PC50X DALI Module

Overview

The Honeywell INNCOM Digital Addressable Lighting Interface (DALI) module is a multifunctional lighting controller which can feature as a component in the Integrated Room Automation System (IRAS). It can communicate wirelessly via RF or Bluetooth, reducing the need for cabling or it can be used in more traditional hardwire applications.

The module itself will be used in conjunction with other INNCOM tools for project design, installation, commissioning and can also feature in both INNcontrol 3 and INNcontrol 5 Energy Management Systems (EMS). To provide flexibility and efficiency, the module supports both over the air and over the wire updates..

Beautifully designed, the compact PC50X module can be DIN-rail mounted or surface mounted by using the 4 screw holes. It offers 2 ports to support 2 channels which can each support up to 32 DALI devices and offers 2 I/O ports which can be used to include a door sensor. The indicative LEDs will display the operational status and connectivity of the controller.

Before Installation

WARNING! Install all equipment in accordance with the National Electric Code and in a manner acceptable to the local authority having jurisdiction. Read these carefully before installing equipment. Failure to follow all instructions may result in equipment damage or a hazardous condition.
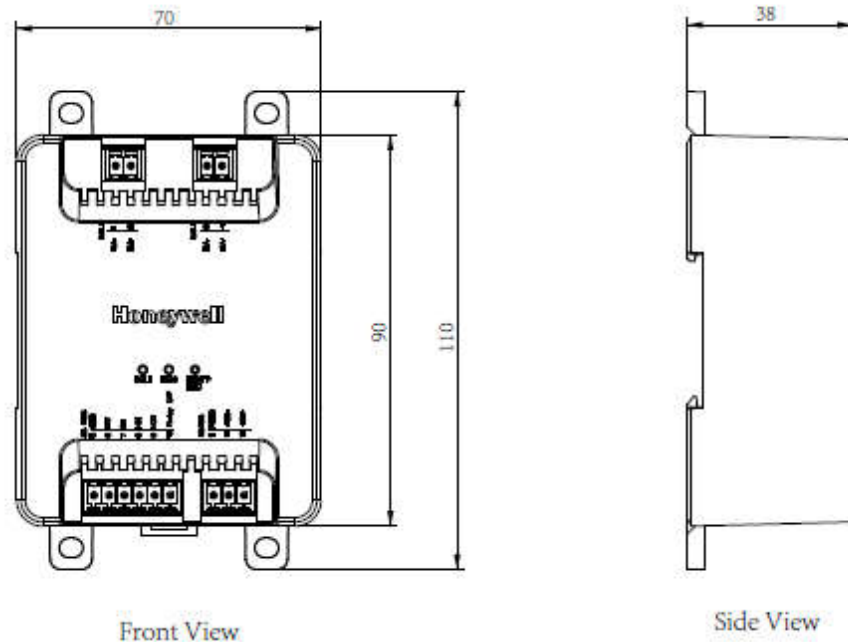
WARNING! This controller and its components may be susceptible to electrostatic discharge (ESD). Use appropriate ESD grounding techniques while handling the product. When possible, always handle the product by its non-electrical components.

Installation

The Dali module can be mounted in two ways

- DIN rail mounting
- Wall mounting

Dimensional View
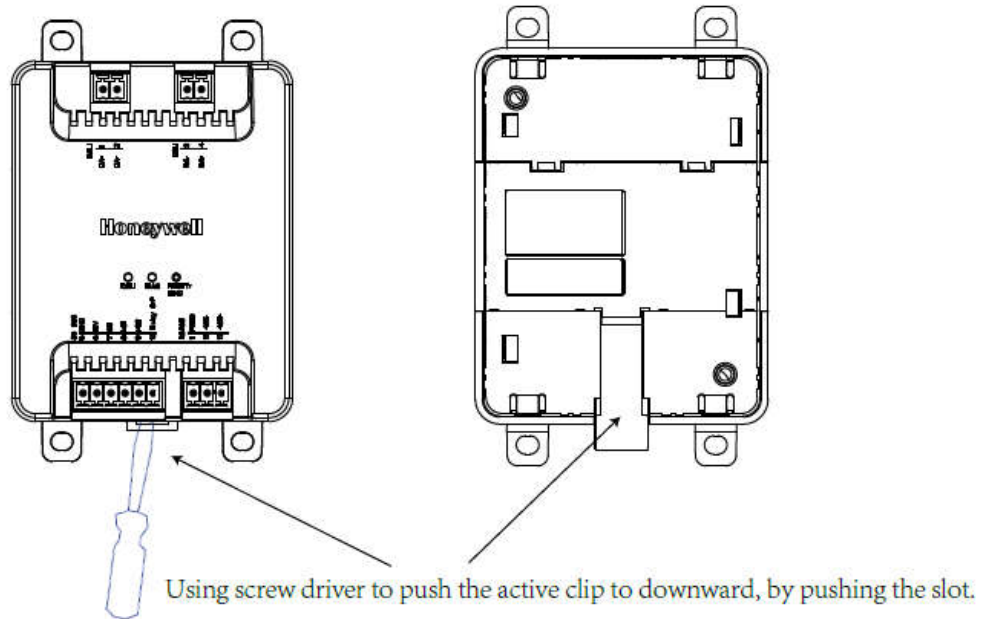

Front View   Side View
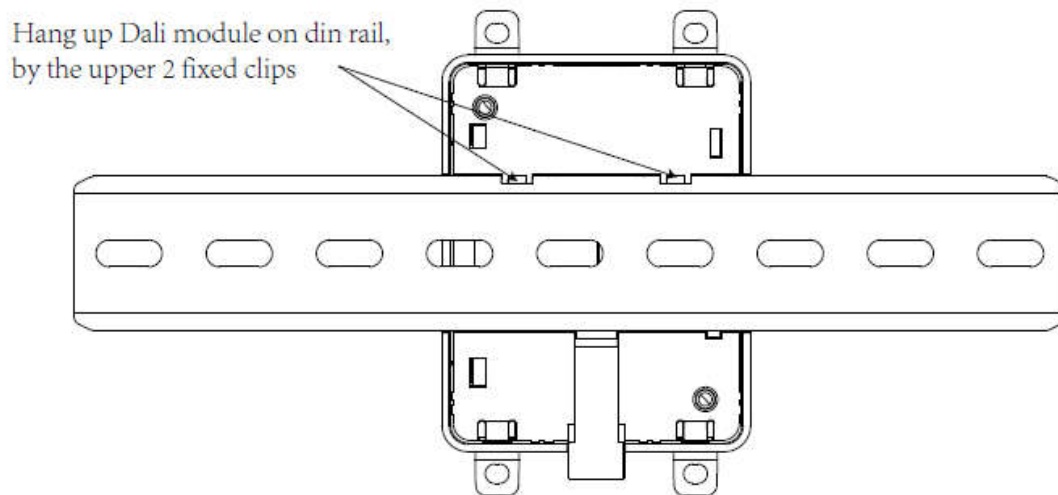
Mounting

WARNING! Be sure that the controller does not have power connected while mounting.
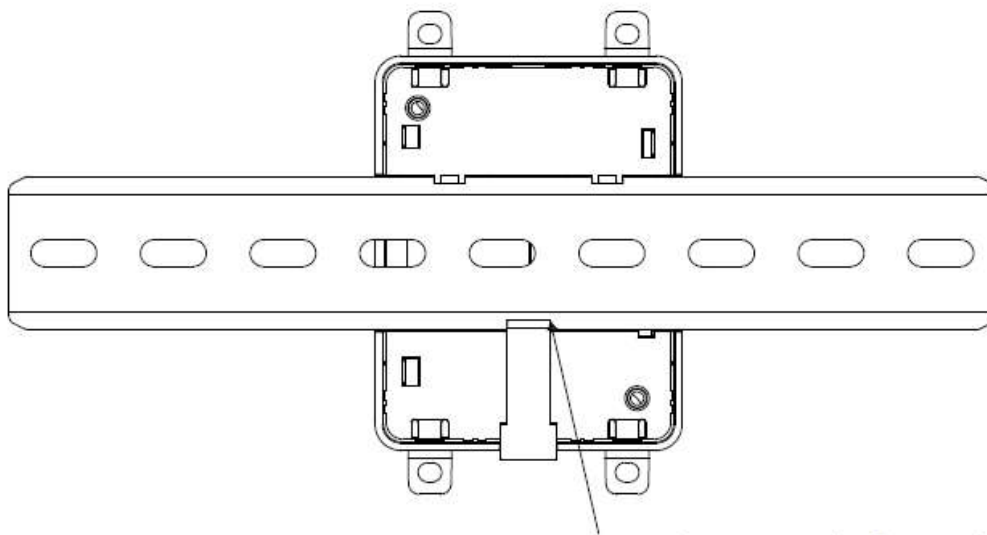
For **DIN rail** mounting:

1. Using screw driver to push the active clip to downward.

Using screw driver to push the active clip to downward, by pushing the slot.

2. Hang up Dali module on din rail, by the upper 2 fixed clips.

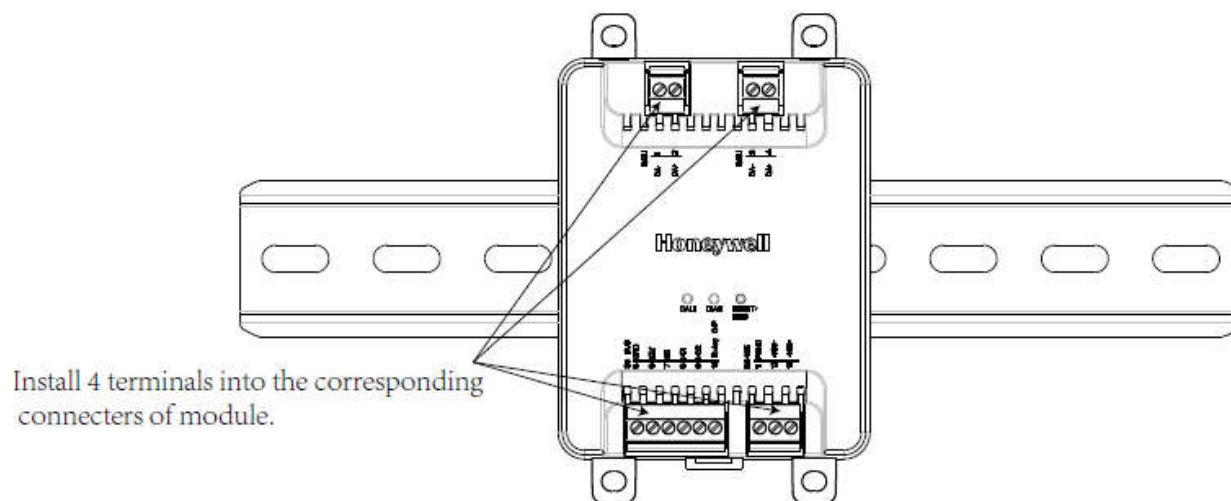Hang up Dali module on din rail, by the upper 2 fixed clips

3. Move active clip to upward to fasten Dali module on din rail.

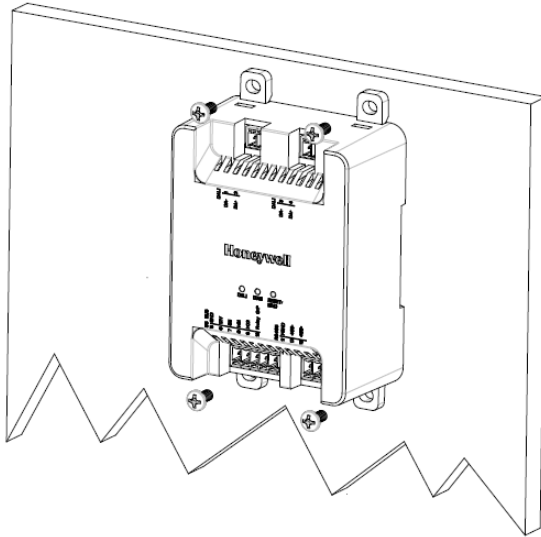Move active clip to upward to fasten Dali module on din rail

4. Insert 4 terminals into the corresponding connecters of module.
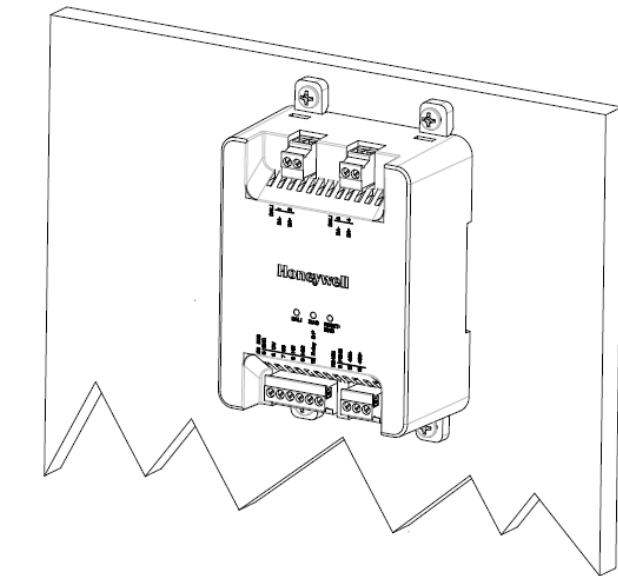

Install 4 terminals into the corresponding connecters of module.

For **Wall** mounting:

1. Attach Dali module on wall by 4 screws as shown below:

2. Insert 4 terminals into the corresponding connectors of the module

IMPORTANT! Avoid mounting in areas where acid fumes or other deteriorating vapors can attack the metal parts of the controller, or in areas where escaping gas or other explosive vapors are present.

IMPORTANT   User should keep more than 20CM away from the device when operating.

Disposal

The product should not be disposed of with other household waste. Check for the nearest authorized collection enters or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health. Do not burn this device.

Conformance statement

FCC ID: GTC-2015O✘NPS

This device complies with part 15.of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IC: 1609A-2015O✘NPS

This Class B Digital Apparatus complies with Canadian ICES-0003. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-0003 du Canada. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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