### Installation Instructions

**Dimensions 4000 series architectural controller**

**Applies to models:** D4006, D4104, D4106, D4206, D4206

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**Power Input**
- Earth Ground
- Input Terminal: 3 wire (L, N, G)

**Auxiliary Input**
- +24Vdc power to Occupancy Sensor
- Signal input from home control company

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**Power Output**
- **Power Output** (D4200 N/A)
- **Power Output** (D4006, D4104, D4106, D4206)

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**General Installation Steps**

1. Read all installation instructions and plan entire system
2. Determine location for device and install the appropriate backbox
3. Connect line, neutral, and ground to terminals as indicated.
4. Connect power to loads.
5. Install device in wall.
6. Power up & test system.
7. Install device in wall.

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**Items required for installation**

- Suitable Backbox
- Preferred 4-gang "Gang Box" (Leviton P/N BBG04-000)
- 5-gang device backbox
- Appropriate backbox device plate
- Raised cover for 4-gang gang box

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**Line Voltage Load Termination**

**Notes:**
1. Use copper wire only.
2. Never (D2424/6 per terminal.
3. Terminal to be used oin.
4. Min. insulation temperature rating.
5. Max. (2) #12AWG per terminal.

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**Luma-Net Network**

**Background:**
- The Luma-Net system is used for entry stations, partition/controller combination stations, dimmer cabinets, relay cabinets, and other devices which may require a low voltage network.

**Common:**
- White or Black wire which is not used.
- Brown - Data connection

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Power</th>
<th>Output Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>D4006</td>
<td>100 Watts</td>
<td>200 Watts</td>
</tr>
<tr>
<td>D4104</td>
<td>200 Watts</td>
<td>400 Watts</td>
</tr>
<tr>
<td>D4106</td>
<td>300 Watts</td>
<td>600 Watts</td>
</tr>
<tr>
<td>D4206</td>
<td>400 Watts</td>
<td>800 Watts</td>
</tr>
</tbody>
</table>

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**CAUTIONS**

- Only 1 power supply is allowed on any network segment. If other power supplies are already supplying power to the network, this can be used for connection to common/lock. We DO NOT recommend powering multiple devices.
- Always disconnect power when servicing this or any electrical device.
- Rated for indoor use only
- To be installed only by a qualified electrician and Leviton Factory for assistance.

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**Dimensions:**

1. Suitable Backbox
2. Input power (spec)
3. Output to loads
4. Optional Luma-Net network connection

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**Backplane:**

- Power Output (D4200 N/A)
- Power Output (D4006, D4104, D4106, D4206)

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**Modular Component/Controller**

- Dimensions:
  - 1" Width
  - 2 1/2" Depth
  - 1 7/8" Height

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**Exploded View**

- FRONT COVER
- BACK COVER
- BACKPLANE (Access Cover Removed)
Typical Systems

These diagrams represent typical systems which are included as reference designs. Systems may deviate from what is shown herein, however, the principals remain sound. Select a system which closely represents system to be installed, then extend it as necessary. For questions or specific application help, please contact a Leviton sales representative or Leviton Technical Support directly at (800) 959-6004.

When inquiring about a specific system it is helpful to have the Leviton bill of materials or equipment list for your particular project.

Typical Restaurant System

This system is a step up from our basic system and represents an SF restaurant, conference rooms, offices, and dining areas. A master station running up to 50 small loads and two controller stations for potential zone control.

Typical System with D4200 Controller

Starting with this diagram above, this system replaces the D500 Controller with the D4200 Controller adding an additional network station to the restaurant system. Either two relay controllers or two add-on devices, are included. Note that if relay cabinet(s) are larger than 8 relays, or your dimmer cabinet is larger than 25 switches you will need to add another controller(s), and the relay or dimmer cabinet address will need to be added following a logical scheme as indicated on the other side.

Typical System with D4206 Controller

Starting with this diagram above, this system replaces the D500 controller with the D4206 controller adding an additional 16-channel address or 8 zone stations to the restaurant system. Either two relays cabinets or two add-on devices, are included. Note that if relay cabinet(s) are larger than 8 relays, or your dimmer cabinet is larger than 25 switches you will need to add another controller(s), and the relay or dimmer cabinet address will need to be added following a logical scheme as indicated on the other side.

Multi-Room System

A typical multi-room system, (two partitions or more connective stations), is shown on the diagram. The system incorporates a master station with a controller station for each room. In any multi-zone systems using the same controller stations, up to 16 stations (each room requiring 1 own master station) are permitted.