Terminal Block Wiring Guide

Supported Models

- C4-DIN-TB-PO   8-Port Ethernet Switch Terminal Block
- C4-DIN-TB-8DIM 8-Channel Dimmer Terminal Block
- C4-DIN-TB-8REL 8-Channel Relay Terminal Block

Diagrams Color Code:

Black	━━━━	Live
Red	━━━━	Load
Grey	━━━━	Neutral
Green	━━━━	Earth Ground

Wiring Diagrams

Refer to the Control4® Terminal Block wiring diagrams in this guide along with the *Terminal Block Installation Guide* to install the Terminal Blocks for these panelized lighting modules: 8-Port Ethernet Switch, 8-Channel Dimmer, and 8-Channel Relay, and 8-Channel 0-10V Dimmer.

Figure 1.   8-Port Ethernet Switch and 8-Channel 0-10V Dimmer Terminal Block Wiring

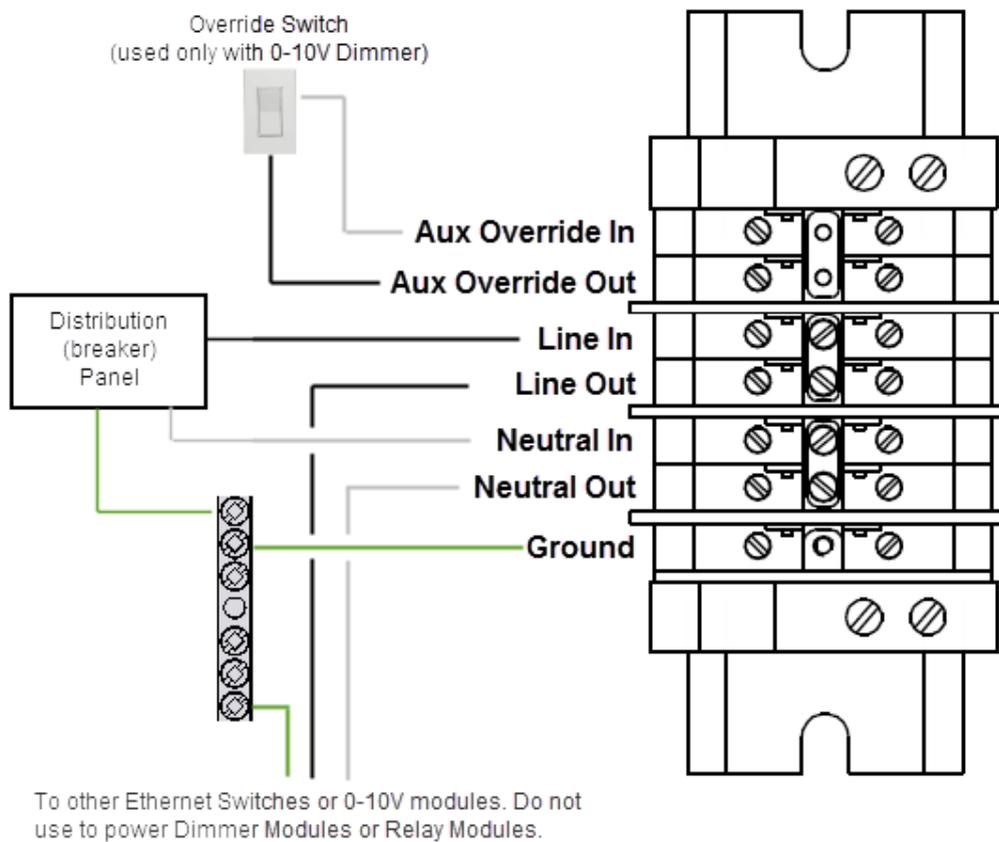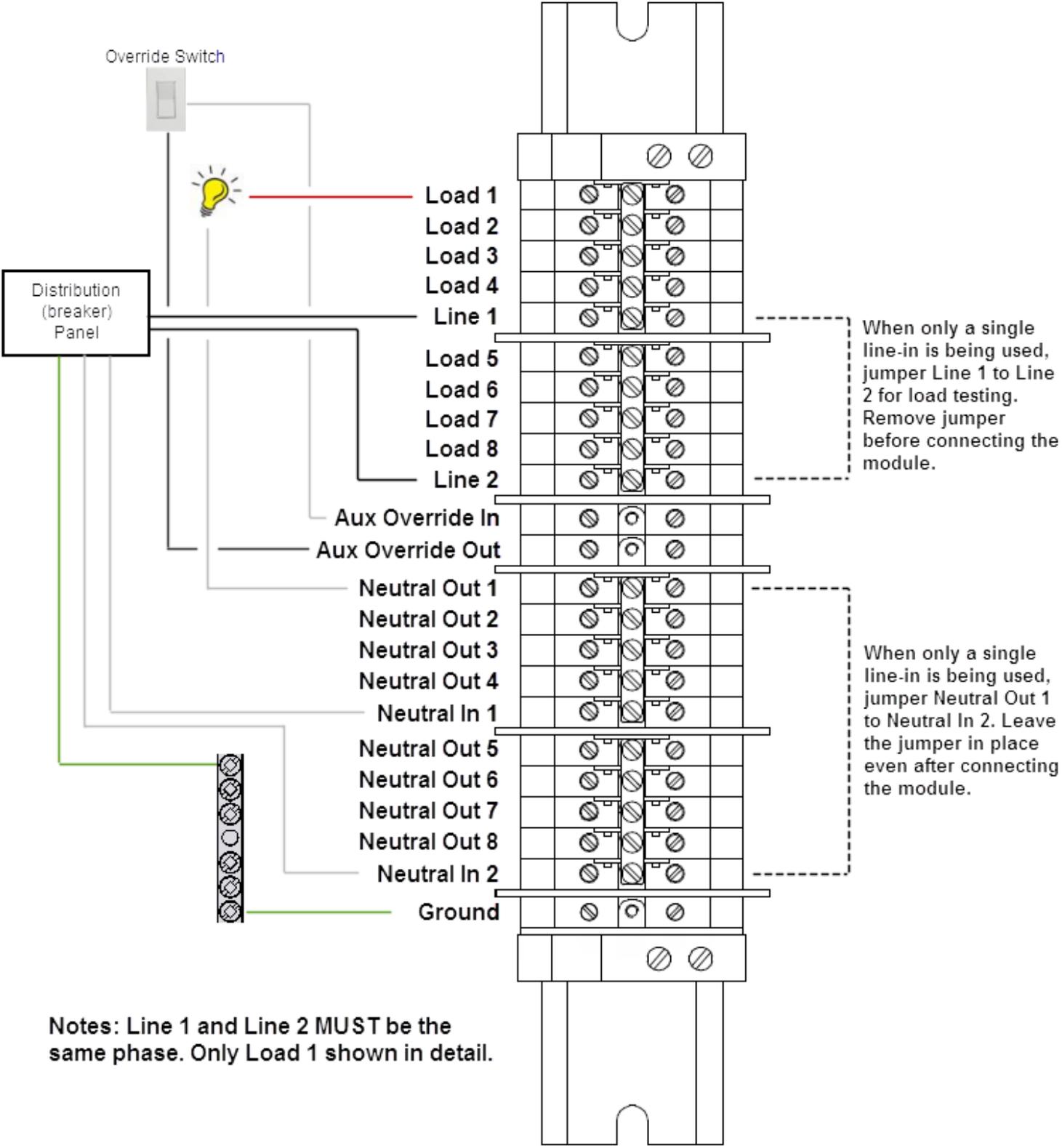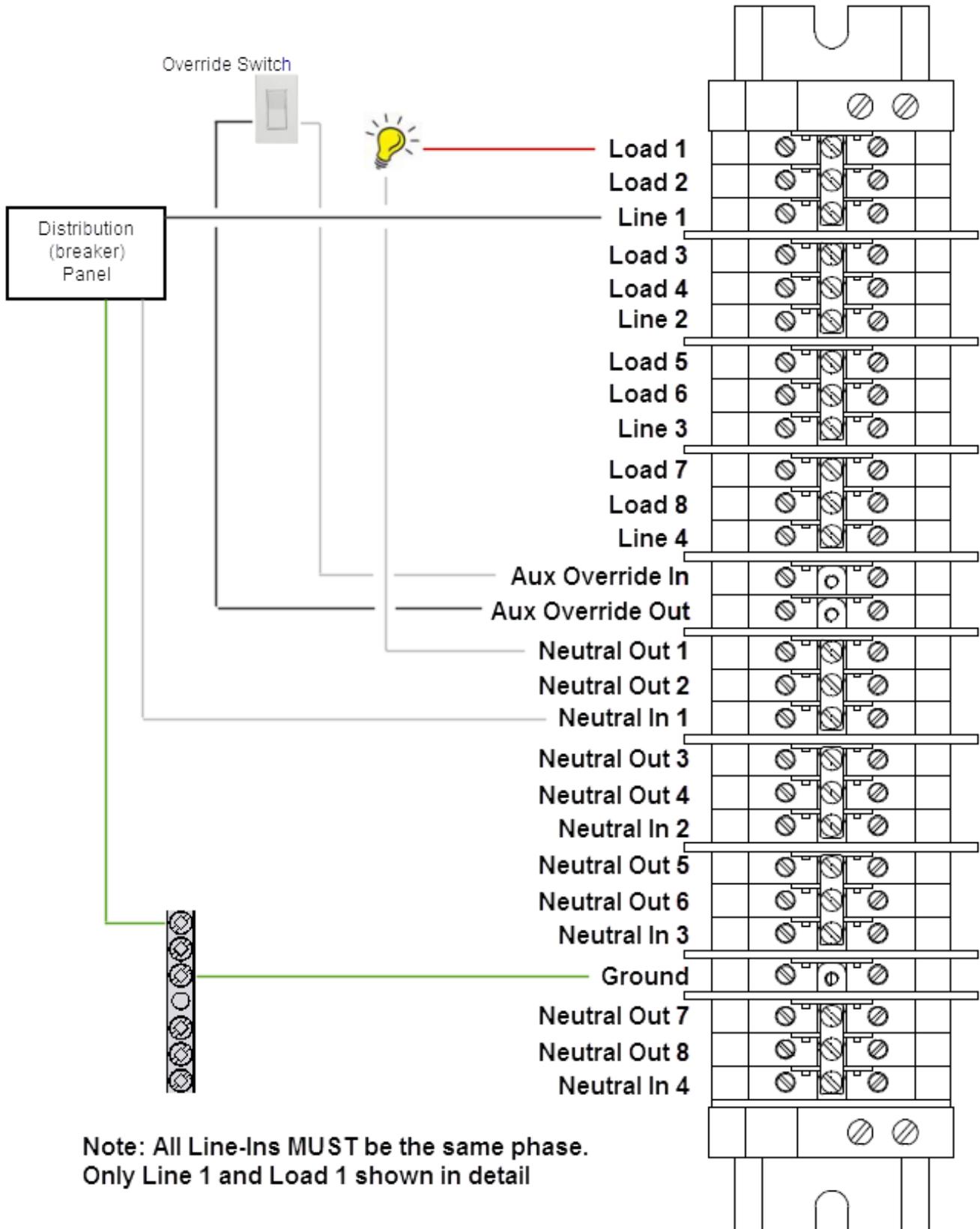Override Switch (used only with 0-10V Dimmer)

Aux Override In
Aux Override Out
Line In
Line Out
Neutral In
Neutral Out
Ground

Distribution (breaker) Panel

To other Ethernet Switches or 0-10V modules. Do not use to power Dimmer Modules or Relay Modules.

Figure 2. 8-Channel Dimmer Terminal Block Wiring

Override Switch

Distribution (breaker) Panel

Load 1
Load 2
Load 3
Load 4
Line 1

When only a single line-in is being used, jumper Line 1 to Line 2 for load testing. Remove jumper before connecting the module.

Load 5
Load 6
Load 7
Load 8
Line 2

Aux Override In
Aux Override Out

Neutral Out 1
Neutral Out 2
Neutral Out 3
Neutral Out 4
Neutral In 1

When only a single line-in is being used, jumper Neutral Out 1 to Neutral In 2. Leave the jumper in place even after connecting the module.

Neutral Out 5
Neutral Out 6
Neutral Out 7
Neutral Out 8
Neutral In 2

Ground

Notes: Line 1 and Line 2 MUST be the same phase. Only Load 1 shown in detail.

Figure 3. 8-Channel Relay Terminal Block Wiring

Override Switch

Distribution (breaker) Panel

Load 1
Load 2
Line 1
Load 3
Load 4
Line 2
Load 5
Load 6
Line 3
Load 7
Load 8
Line 4
Aux Override In
Aux Override Out
Neutral Out 1
Neutral Out 2
Neutral In 1
Neutral Out 3
Neutral Out 4
Neutral In 2
Neutral Out 5
Neutral Out 6
Neutral In 3
Ground
Neutral Out 7
Neutral Out 8
Neutral In 4

Note: All Line-Ins MUST be the same phase.
Only Line 1 and Load 1 shown in detail

About this Document

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