DIN-Rail 8-Channel Relay Switch
Wiring Guide

Supported model
• C4-DIN-8RELSW-E  DIN-Rail 8-Channel Relay Switch

Diagrams color code*
- Black  Line
- Red    Load
- Grey   Neutral
- Green  Earth ground
- Blue   Ethernet

*Important! The wire colors shown in Figure 1 in the “Diagrams color code” table are examples only. Actual wire colors differ by country and/or voltage.

Wiring diagrams
Use these Control4 DIN-Rail 8-Channel Relay Switch wiring diagrams along with the DIN-Rail 8-Channel Relay Switch Installation Guide (ctrl4.co/8chrelay-ig) to install DIN-Rail 8-Channel Relay Switches.

Figure 1. Wiring in Control4 panel

Important: Remove the four bypass jumpers that connect each black terminal to two red terminals by unscrewing all three screws in each bypass jumper until the entire bypass jumper can be pulled out.

Note: When less than four lines are being used, jumper any shared neutrals at the Terminal Block.
For IEC Installations

**IEC Diagrams color code**

- **Red**: Line
- **Blue**: Neutral
- **Green**: Earth ground

- The wire colors shown in the "IEC Diagrams color code" table are examples only. Actual wire colors differ by country and/or voltage.
- Circuit breaker and RCBO sizes are indicative only, actual sizes could vary based on local electrical requirements and regulations.

**Important!**

Use at least 1 RCBO per unit.

A dedicated RCBO provides both residual and over-current protection.

In countries using a single 300 mA to 500 mA RCBO, a dedicated RCCB or MCB is recommended for each module.

---

- **Neutral & Earth bars**
- **Main Electrical Switchboard**
- **Lighting Control Subboard**
- **8-Channel Relay Switch**
- **Sub-Main TPS Cable**