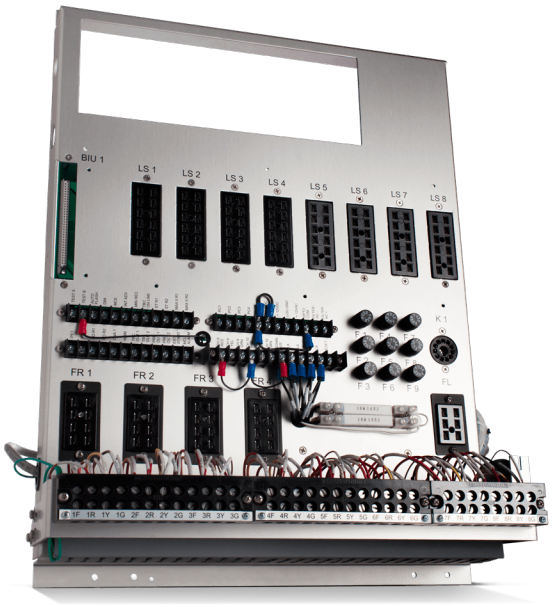
8- or 16-Relay Back Panel

Orange Traffic

Orange Traffic manufactures 8- or 16-relay back panels for mounting in distribution and control enclosures.General characteristics



Description

Orange Traffic's distribution panel—or back panel (term used by the Ministère des Transports du Québec)—houses the load and transfer relays, bus interface unit, flashing light, light signal connection terminal blocks and detection cabinet. It distributes a filtered voltage of 120 V to the light signals as instructed by the control unit.

Six dummy dynamic loads are mounted on the front of the panel for easy access. These loads neither draw energy nor produce heat, contrary to the power resistances that are normally used.

The distribution panel is mounted on sliding hinges to allow it to swing forward freely, providing easy access to the back. The light connection terminals' raised and forward position greatly eases and simplifies onsite electrical connections.

Specifications

General characteristics

- Anodized aluminium, 2.54 mm thick
- All components meet the NEMA TS 2 standard
- CSA special inspection approval according to SPE-1000
- ISO 9001–2008 certified assembly

Receptacles

8-relay panel

- 8 load relay racks
- 4 transfer relay receptacles
- 1 bus interface unit (BIU) receptacle

- 1 receptacle for 25 A electronic bipolar flashing light
- 1 receptacle for 24 VDC load relay control relay

16-relay panel

- 16 load relay receptacles
- 8 transfer relay receptacles
- 2 bus interface unit (BIU) receptacles
- 1 receptacle for 25 A electronic bipolar flashing light
- 1 receptacle for 24 VDC load relay control relay

Wiring

- Detection cabinet for connecting induction loops, SmartSensor Matrix sensors or cameras
- All terminations are welded to the terminals
- “Marathon”-type light connecting terminals placed in a raised and forward position for easy access
- Access to the fuses from the front of the panel

For more information: 1 800 363-5913

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