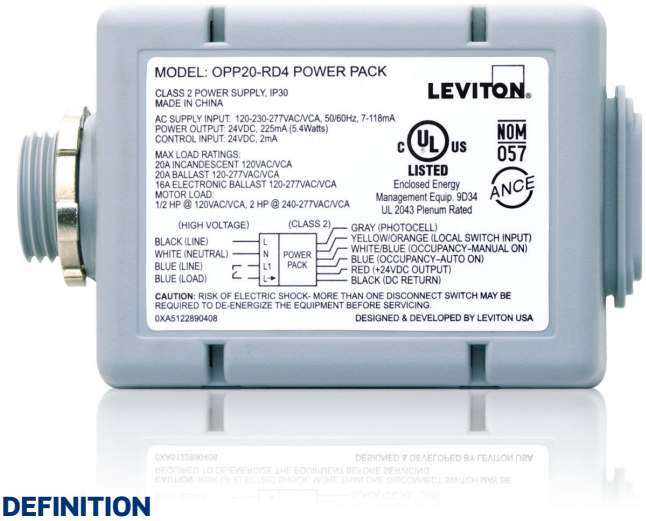
LEVITON

Super Duty Power Pack Line

High performance power packs for bi-level switching applications



DEFINITION

The latest addition to the Leviton Power Pack family, OPP20 delivers an easy solution for bi-level switching. Submitted for stringent testing, this robust Power Pack line is designed to deliver unmatched performance. The OPP20 line features robust and reliable mechanical latching relays and exclusive fail-safe circuitry. Exclusive Leviton High Inrush Stability (H.I.S.™) circuitry is specifically designed to handle high inrush electronic ballast loads and offer unmatched durability and service.

OPP20 SOFTWARE FEATURES

- Fail-safe/Return-to-Closed capability
- Power interruption feature guarantees to close the relay; 5 seconds after power restoration, lights will return to current state
- Exclusive self-detect configurable local switch input - momentary or maintained
- Configurable for Auto-ON and Manual-ON occupancy sensor inputs
- Photocell (switching only) ready
- Complies with CA Title 24

OPP20 HARDWARE FEATURES

- Robust and reliable mechanically held 20A latching relay provides dependability and robust performance for all load types and provides power savings over electrically held relay power packs
- Industry exclusive fail-safe circuitry - in the event of product failure, Return-to-Closed capability causes relay to default to a closed position (ON) for safe operation and alleviates life safety concerns
- Industry exclusive H.I.S. (High Inrush Stability) circuit designed to handle high inrush electronic ballast loads
  - Factory calibrated zero crossing for extended life of the relay
- Submitted and passed for stringent testing:
  - Tested over 1,500,000 loaded cycles
  - Passed NEMA 410 testing for electronic ballast current overload at 16A
  - UL/cUL 916 Listed for Energy Management Equipment
  - Multiple compliance and regulatory UL and CSA testing - consult factory for details
- Output short circuit protection
- Internal voltage regulated at 24VDC, 225mA
- Optimal installation flexibility
  - Class 2 wires are Teflon coated for UL2043 Plenum Rated applications
  - Mounts inside or outside fluorescent ballast cavity
  - Mounts inside or outside junction box
- RoHS Compliant

LED READY

OPTIMAL LED DESIGN

Exclusive LED High Inrush Stability (H.I.S.) circuitry designed to handle the high inrush electronic ballast loads of today's LED lighting and offer unmatched durability and service. Our true Zero-Cross Relay switches are at the zero crossing point of the AC power curve, ensuring maximum contactor life and compatibility with LED ballasts. Leviton Occupancy and Vacancy Sensors are the premiere choice for LED compatibility.

OPP20 Power Pack for Bi-Level Switching Applications

Leviton Mfg. Co., Inc. Lighting & Energy Solutions

20497 SW Teton Avenue, Tualatin, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/les

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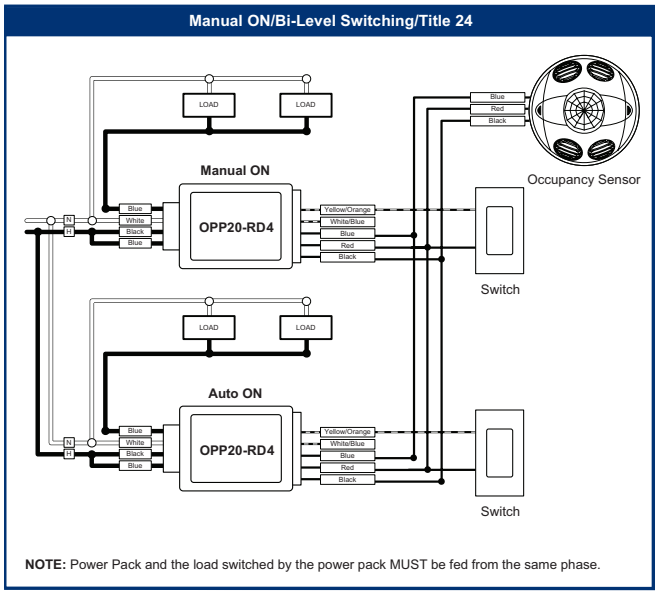
WIRING DIAGRAM



ORDERING INFORMATION

DESCRIPTION	CAT. NO.	POWER INPUT	RELAY RATING	CONTROL INPUTS	POWER SUPPLY OUTPUT
Power Pack with Auto-ON, Manual-ON, Local Switch, and Photocell Input, Title 24	OPP20-RD4	120-230-277VAC, 50/60 Hz	20A, 2400W @ 120V – Incandescent 20A, 2400VA @ 120V – Fluorescent 20A, 5540VA @ 277V – Fluorescent 16A, 4430VA @ 277V – Electronic Ballasts 1/2 HP @ 120V – Motor Load 2 HP @ 240/277V – Motor Load	2mA, 24VDC	225mA, 24VDC, 5.4W

OPP20 Power Pack for Bi-Level Switching Applications

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