

5-WIRE FIBER OPTIC VOLTAGE INDICATOR

Enhance Safety and Compliance



R-3F2-W5-LXX-AU

The 5-Wire Fiber Optic Indicator, is designed to enhance safety compliance for Wye Power Systems and AS/NZS Standards. Enables workers to verify voltage presence for mechanical and electrical tasks for LOTO through a bump/try test, without bringing voltage to the door.

Features and Benefits:

- **Voltage Safety:** Voltage indication without bringing voltage to the door for enhanced safety and compliance.
- **Versatility:** Compatible with both 4 and 5 wire applications, catering to a wider range of systems.
- **Convenience:** Simple installation through a 30mm knockout and available in two lengths, 91.4 cm and 182.8 cm, to fit various application needs.
- **Certification:** CAT III up to 1000 VAC/VDC CAT IV up to 600VAC/VDC*.

Applications and Industries:



Ideal for a diverse array of electrical systems, including panel boards, disconnects, power distribution panels, motor starters, MCCs/MCC buckets, and Variable Frequency Drives (VFDs).




Especially beneficial for infrastructure, utilities, mining operations, panel builders, OEMs, and System Integrators, where safety and efficiency are critical.

Key Advantages:

- **Arc Flash and Shock Hazard Mitigation:** Provides voltage presence indication that minimizes the risk of electrical hazards, ensuring a safer working environment.
- **Safety for Hazardous Locations:** Designed for use in Class 1, Division 2* hazardous locations.
- **Maintenance Efficiency:** Streamlines tasks, leading to productivity improvements and maintenance time reduction.
- **Incident Energy Reduction:** Helps maintain panel/door closed, significantly reducing incident energy exposure.
- **Troubleshooting Assistance:** Offers dual redundancy LED visual indications for troubleshooting issues like stuck blades, power running to ground, or phase loss. Detects voltage running to ground, with phase loss indication enhancing diagnostic capabilities.

*Specs and certifications listed above are pending final approval.

(continued)

PRODUCT DETAILS	SPECIFICATIONS
Voltage Indicator	Flashing LEDs
Voltage Type	AC/DC
Mounting Location	Electronics mounted on 35 mm top hat DIN rail (IEC/EN 60715).
Voltage to Door Required	Zero voltage to the door for enhanced safety and compliance
Lead Connections	3 Phase, 5 Wire
Temperatures*	Operate: -40°C to +75°C Storage: -45°C to +85°C
Operational Voltage Range*	20 – 1100 VAC/VDC, 50/60/400 Hz
Wiring Specifications	PVC Insulated with nylon jacket, 6ft, 14 AWG 90°C @ 1000V
Wattage*	Power Per Line: 0.166 W Total Power: ~0.5 W Current Draw Per Line: ~0.289 mA
Fiber Optic Length	Available in 91.4 cm and 182.8 cm
Installation	30mm Knockout
Certifications*	<ul style="list-style-type: none"> - UL TYPE 4, 4X, 12, 13 - IP66, IP69, IP69K - Class I, Division 2 <div style="text-align: right;">  </div>

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