The BFA Fuse Status Indicator shows normal or open fuse and also reports connection integrity. With a nominal 3-phase line voltage applied, the BFA Fuse Status Indicator flashes a normal LED green light that gives positive indication of a good fuse and integrity of the wire connection to each side of the fuse. The indicator flashes a red fault LED when a fuse is unconnected or open, if there is a lost connection to either side of the fuse, and if mismatched line and load wires are present. When phase loss occurs both fault and normal LED’s will extinguish. The indicator will continue to indicate the status of the fuse during a phase loss if a regenerated voltage is produced on the open phase from a rotating motor.

The BFA Fuse Status Indicator mounts externally to a panel and can be mounted vertically or horizontally. It can be used for all UL Fuses Class H, J, K, R, RK. It can be viewed from a distance and has a universal input of 208-600 VAC.

**SPECIFICATIONS**

**Nominal Voltage:** 208-600 VAC ±10 %, Phase-to-Phase, 50/60 Hz.

**Max Continuous Voltage:** 660 VAC, Phase-to-Phase.

**Rev. Connection Protected:** Yes.

**Detection Threshold:** 10-15 VAC Across Open Fuse.

**Maximum Detector Leakage Current:** 0.5 mA @ 600 VAC (Approx).

**Indicators:** Normal- (3) Green LEDs, 2 Flashes/Sec, Fault- (3) Red LEDs, 2 Flashes/Sec.

**Maximum Rated Voltage:** 750 VAC/1000 VDC (LINE-TO-LINE or LINE-TO-GND).

**Detection Thresholds:** 29 VAC 3-Phase, 40 VAC SINGLE-phase, 27 VDC (TYP CUTOFF).

**Power Required:** 2.5 VA @ 208 VAC and 5.5 VA @ 480 VAC.

**Temperature Ratings:** Operate: 32 to 131°F (0 to 55°C), Storage: -40 to 185°F (-40 to 85°C).

**Enclosure:** 94 V-0 Flame Retardant Black ABS Plastic, Panel Mount with 1/2" Plastic, Electrical Conduit Adaptor; Encapsulated for Environmental Protection.

**Electrical Connections:** (6) 2', 18 AWG, 600V, 105°C PVC Stranded Wire w/Wire Pin. Terminations, Jacketed with 18" Silt Nylon Corrugated Tubing, .556" OD.

**Weight:** NET: 3.52 oz (99.8 g) SHIPping: 5.12 oz (145.1 g).

**Agency Approvals:** UL Model BFA-100

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Model UPA-130

The Model UPA-130 Power Alert reduces the risk of electrical arc flash by pre-verifying the electrical isolation from the outside of a control panel. The Universal Power Alert is hardwired to the circuit breaker or main disconnect and has an LED indication whenever voltage is present. It is engineered with redundant circuitry, which allows it to be powered by the same voltage that it indicates. The eight detector UPA-130 visually alerts to the presence of any dangerous AC or DC (stored energy) potentials occurring between any combination of the four input lines (L1, L2, L3, GND). The UPA-130 Universal Power Alert is designed to fit a 30mm knockout.

**SPECIFICATIONS**

**Operational Range:** AC Single or 3-Phase: 40 to 750 VAC 50/60/400 Hz, (Line-To-Line or Line-To-GND [UL approved 50/60 Hz]). DC or Stored Energy: 30 to 1000 VDC, (Line-To-Line or Line-To-GND).

**Maximum Rated Voltage:** 750 VAC/1000 VDC (Line-To-Line or Line-To-GND).

**Detection Thresholds:** 29 VAC 3-Phase, 40 VAC SINGLE-phase, 27 VDC (TYP CUTOFF).

**Power Consumption:** 1.2 Watts at 750 VAC.

**Temperature Rating:** Operate: -4 to 131°F (-20 to 55°C) Storage: -40 to 185°F (-40 to 85°C).

**Enclosure:** Totally Encapsulated for Environmental Protection. NEMA 4X (IP66).

**Electrical Connections:** (6) 4 ft, 18 AWG 1000V, UL-1452.

**Weight:** 7 oz (198.45 g).

**Agency Approvals:** UL Model UPA-130