

ISI-EPC-D-F-ATS



Inverter Systems, Inc.

WWW.INVERTERSYSTEMSINC.COM

Branch Circuit Emergency Lighting Transfer Switch for 2, 3, and 4-Wire Dimmable Loads



UL1008
Listed



LED
Compatible



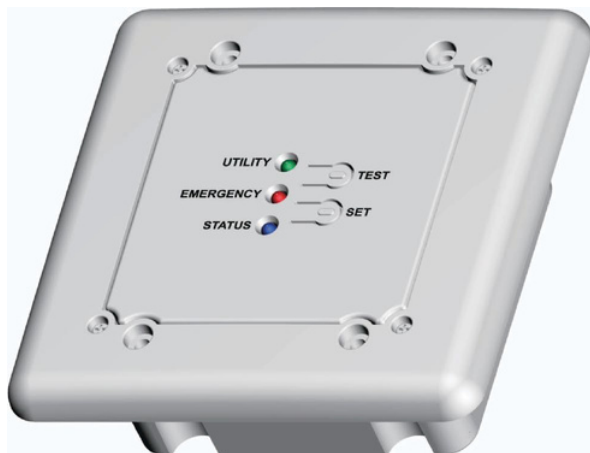
0-10V
Dimmer
Compatible



Line
Voltage
Dimming



5 Year
Warranty



APPLICATION

The Model **EPC-D-F-ATS** is a single zone, silent emergency transfer control with universal dimming capability. It can be used with 2 and 3-wire line voltage dimming systems, as well as 0-10V, DALI, and Lutron EcoSystem.

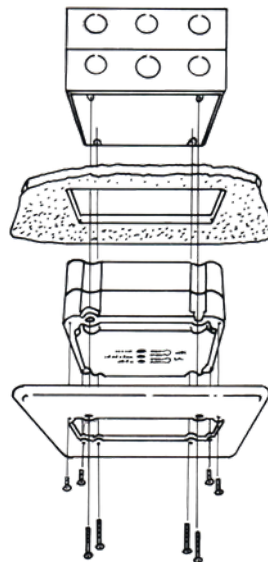
The **EPC-D-F-ATS** allows emergency lighting to be dimmed with normal lighting during normal times. In the event of a utility power interruption, the **EPC-D-F-ATS** will automatically transfer designated emergency fixtures from the dimming control to the emergency power source and bring them to full brightness, regardless of whether the dimming system is in operation or turned off.

Applications of the **EPC-D-F-ATS** include designated dimmable emergency luminaires in public places such as auditoriums, restaurants, conference rooms, theaters, and classrooms.

FEATURES

- Slim, attractive universal mount enclosure allows flush, surface, panel, and box mounting.
- Utility & Emergency Power Indicator LED's
- Integral front mounted test switch
- Voltage Surge Protection Includes field-selectable Automatic Testing & Fire Alarm Interface options
- Triple Interlock (electrical, mechanical, and time delay) maximizes safety and reliability of EPC-D-F-ATS, by eliminating arcing and the potential for phase to phase shorts between separate power sources during transfer.
- Oversized 50A rated relay contacts allow high inrush loads to be used safely and reliably. Tested at over 5000 cycles.
- Works with both inverter and generator systems, normally-on and normally-off type.

MOUNTING



SPECIFICATIONS

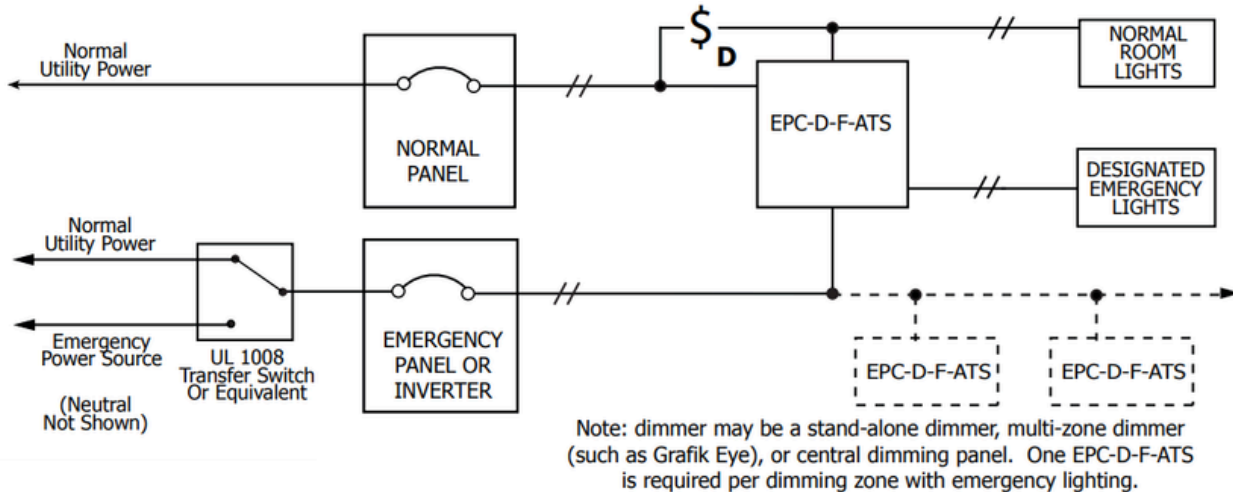
- Model Number: ISI-EPC-D-F-ATS
- Sensing Input: 120 - 277 VAC
- Load Rating: 120 - 277 VAC (16 A)
- Ballast Load Rating: 16A Magnetic / 16A Electronic
- Incandescent Load: 1920w (120 V) / 4432w (277 V)
- Warranty: 5 Year Replacement Warranty
- Mounting: 4-11/16" Back-up Box, no plaster ring required
- Rating: UL94V-0
- Shipping Weight: Color: 18 oz. / White
- Temperature: 32-140°F (0-60°C)
- Flush Mounted Size: 6" (W) x 6" (H) x 0.5" (D)
- Body Size: 4" (W) x 4" (H) x 2.3" (D)

ISI-EPC-D-F-ATS

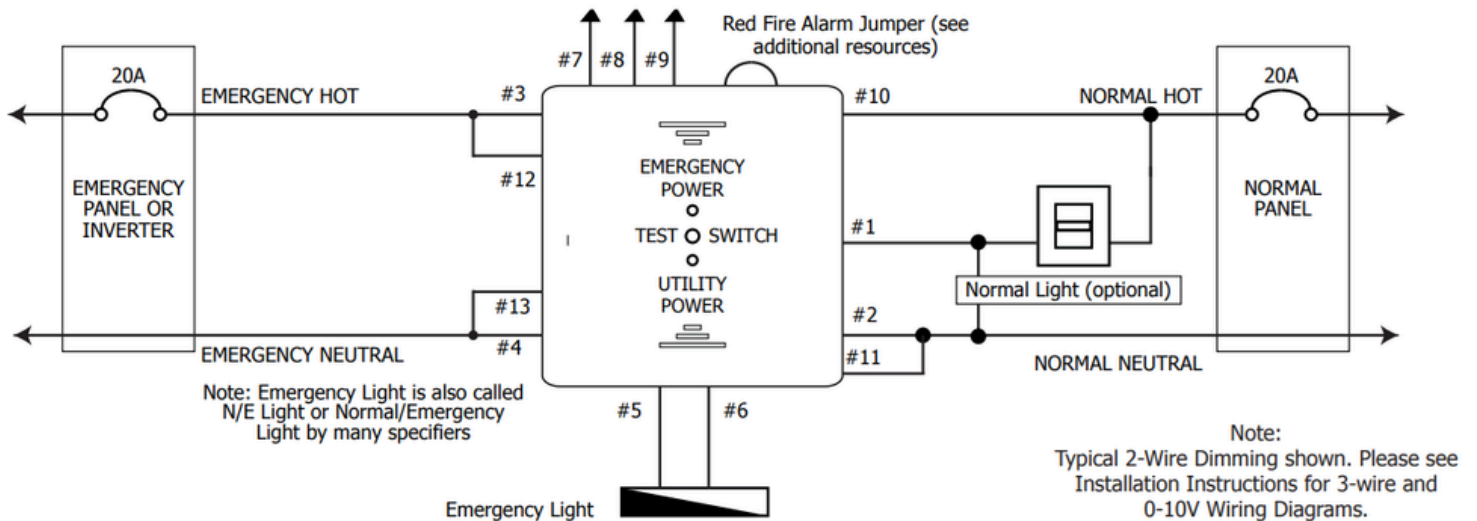
Branch Circuit Emergency Lighting
Transfer Switch



SINGLE LINE DIAGRAM



WIRING DIAGRAM



ADDITIONAL RESOURCES

- Installation Sheet
 - Theory of Operation & FAQ Sheet
 - Alternative Wiring Sheet
 - Terms & Conditions / Warranty Information
 - Fire Alarm Tie-In/Override
- <https://invertersystemsinc.com/assets/catalog/>