

The **Exitronix** XET-20-DR Emergency Lighting Control Device allows the use of auxiliary generator or inverter power on switched fixtures in power failure situations. The XET-20-DR senses the loss of normal AC power and bypasses local control devices such as switches or dimmers, providing emergency power to the fixtures regardless of the control setting. The XET-20-DR allows for operation of the load at full light output until normal power is restored or for as long as the generator or inverter supply is available. The XET-20-DR will work in conjunction with any fixture on the designated 20 Amp circuit per the rated specifications. Allowing for the use of switched fixtures with a generator or inverter supply eliminates the need for night lights and promotes increased energy savings. The dimming relay leads accommodate two 0-10 Volt dimming zone controls, providing full light output in both zones during emergency mode regardless of dimmer setting.

**TECHNICAL SPECIFICATIONS**

- Input Voltage: 120/277VAC, 50/60Hz
- Maximum Load Ratings
- LED driver: 8A @120VAC, 50/60Hz per NEMA 410  
8A @277VAC, 50/60Hz per NEMA 410
- Ballast: 20A @ 120/277VAC, 50/60Hz
- Incandescent: 10A @ 120VAC, 50/60Hz
- In-rush Current Rating: 221A for 1.25ms @120VAC  
370A for 12.5ms @ 277VAC
- Emergency Operation: The XET-20-DR will operate in conjunction with any lighting load as noted in the specifications in the designated 20 Amp circuit for the duration of the auxiliary supply
- Contact Rating: 1A @30VDC  
1A @ 277VAC
- Weight: 1.0 lbs
- Operating Temperatures: -20°C to 55°C (-4°F to 131° F)

**FEATURES**

- Galvanized steel housing
- LED indicators for determining functional readiness and operation modes.
- Rated for LED loads of up to 8 Amps power as per NEMA 410 standards
- Accommodates dual zone 0-10V dimming
- Simplified junction box installation with 10" leads
- Suitable for use in plenum and damp location applications
- Jumper loop for connection to alarm, security panel, or other remote trigger device

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



**LOADS OPERATED**

Allows operation of switched fixtures in dual dimming zones from the generator or inverter supply

**PRODUCT ADVANTAGES**

- Allows operation of switched or dimmed fixtures on an auxiliary generator or inverter supply
- Promotes energy savings by eliminating the need for multiple always-on fixtures
- Full light output
- Dimming relay leads allows for dual zone dimming controls

**CONFORMANCE TO CODES & STANDARDS**

- Meets or exceeds all NEC, IBC, and Life Safety code emergency lighting requirements
- UL and CUL 924 Listed for Damp Locations
- UL 2043 Plenum Rated

**WARRANTY**

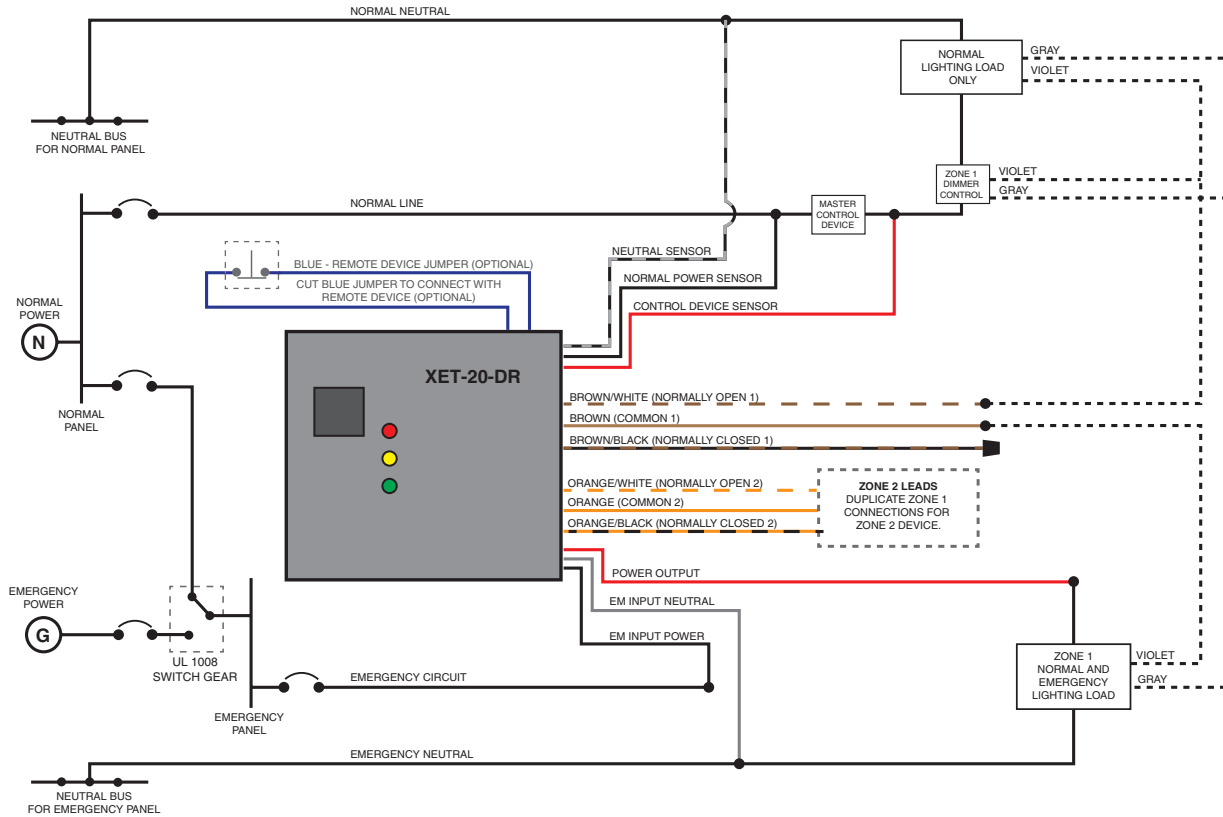
The **Exitronix** XET-20-DR is warranted for five years from date of shipment. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.

**Ordering Information**

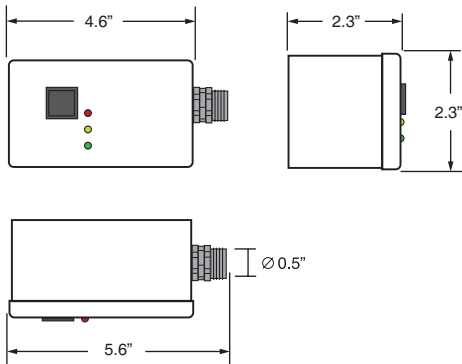
SKU	Description	UL Part Number
XET-20-DR	Emergency transfer switch with dimming relay, 20 Amps switching current	ETS-20-DR

## WIRING DIAGRAM

The XET-20-DR provides two sets of dimming relays for use with dual zone dimming (such as an auditorium that would demand full brightness on a platform and a dimmed zone over the audience). The XET-20-DR allows for two-wire dimming of zones that would be comprised of both normal and EM fixtures. In the event of a power loss, any dimmed emergency fixtures in either zone will switch to the emergency supply and come on at full brightness.



## DIMENSIONS



Specifications are subject to change without notice.  
Installation must be performed in accordance with  
Barron Lighting Group installation instructions.

10800307 REV-2 03/18