

The **Exitronix XET-20** Emergency Lighting Control Device allows the use of auxiliary generator or inverter power on switched fixtures in power failure situations. The XET-20 senses the loss of normal AC power and bypasses local control devices such as switches, on/off occupancy sensors, or timers, providing emergency power to the fixtures regardless of the control setting. The XET-20 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 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. Dimming relay model available to accommodate dual-zone dimming (Ref XET-20-DR spec).

TECHNICAL SPECIFICATIONS

- Input Voltage: 120/277V, 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 1.25ms @ 277VAC
- Emergency Operation: The XET-20 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
- 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 continuous as per NEMA 410
- 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
- Dual-Zone dimmer bypass model also available (Reference XET-20-DR specification sheet)

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



LOADS OPERATED

Allows operation of switched fixtures 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

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

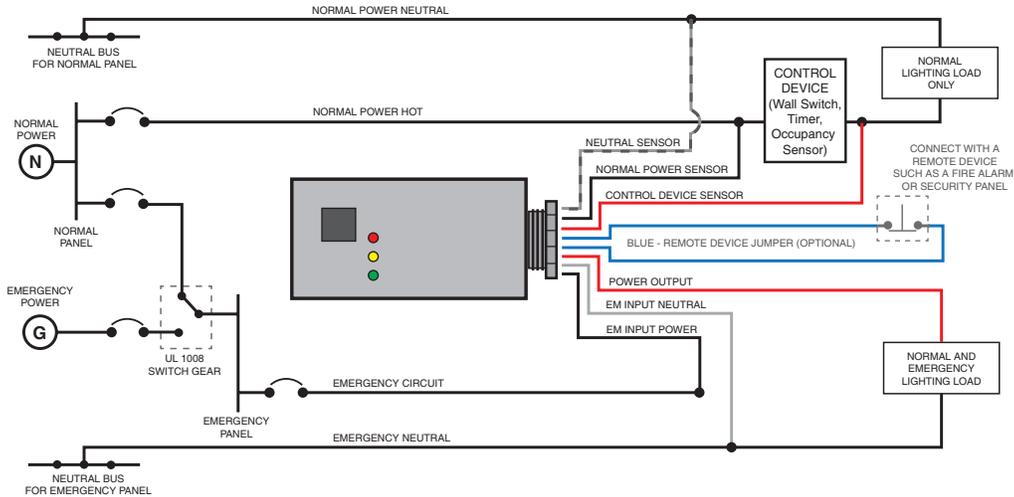
The Exitronix XET-20 is warranted for five years from date of shipment. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.

Ordering Information

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

WIRING DIAGRAM

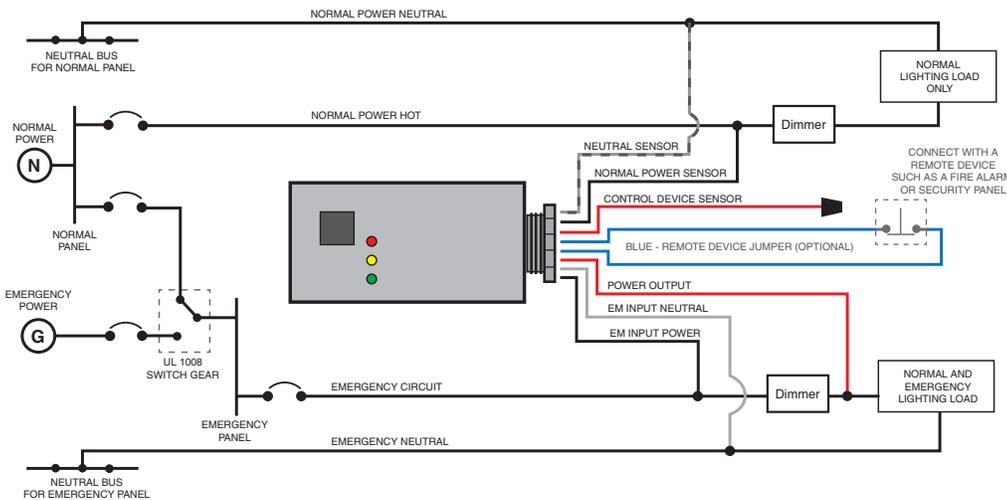
XET-20



Typical Application

During presence of normal power, the XET-20 senses the setting of the 'ON/OFF' control device through the red wire (Control Device Sensor) and operates the Normal/EM mode accordingly. When normal power is lost, the XET-20 allows operation of the Normal/EM load at full output from the auxiliary supply, regardless of control device status.

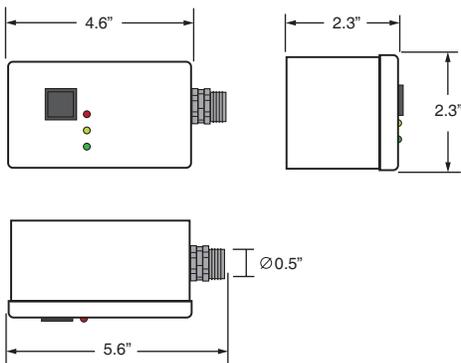
XET-20 with Dimmer Controls



Normal/EM Dimmer Control

The XET-20 can be used with dimming applications by adding a dimming application by adding a second dimmer device to the designated EM circuit. In this scenario, both the EM circuit and XET-20 power output are connected to the load. The red Control Device Sensor of the XET-20 remains disconnected and there is no power output from the XET-20 unless normal AC power is lost. If emergency power is activated, the XET-20 will then route power around the dimmer on the EM circuit.

DIMENSIONS



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

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