



QUALIFIED TO  
**NEMA 410**  
STANDARDS



## DESCRIPTION

The IOTA **ETS-DR** Emergency Lighting Control Device allows local switch and dimming control of designated emergency luminaires when emergency power is provided by a generator or inverter. The **ETS-DR** senses the loss of normal AC power and **bypasses the local switch device or dimmed setting**, allowing emergency power directly to the fixture regardless of control setting. The **ETS-DR** is rated for any lamp load up to **3 amps** continuous power including **LED loads per NEMA 410 standards**. The **ETS-DR** is an ideal solution for achieving **increased energy savings** in accordance with most energy efficiency standards by eliminating the need to operate the designated emergency fixtures 24/7 when emergency power is sourced from a generator or inverter. The dimming relay leads of the **ETS-DR** interface with the fixture's dimming control for proper emergency operation of the fixture from the designated auxiliary supply.

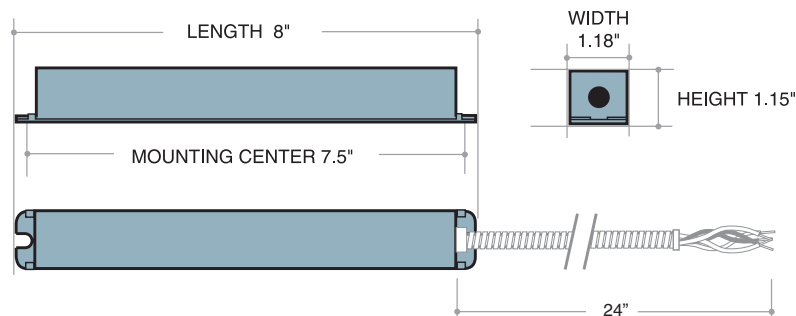
## SPECIFICATIONS

Input Voltage .....	(Dual) 120/277V, 60Hz
Input Current .....	35 mA
Maximum Switching Current .....	3 Amps @ 120V 3 Amps @ 277V
Circuit Protection .....	3A on Control Input 3A on Neutral and 120/277V Outputs
Dimming Compatibility .....	For use in 0-10 volt dimming circuits up to 100 mA
Emergency Operation .....	The ETS-DR allows operation of any lamp type in the designated fixture for the duration of the auxiliary supply
Initial Illumination .....	The ETS-DR allows operation of the designated load at full light output
Operating Temp .....	0° to 55° C
Weight .....	1.0 lbs.
Approval .....	UL 924 Listed



## DIMENSIONS

8.0" x 1.18" x 1.15" (mounting center 7.5")



MODEL NO: \_\_\_\_\_  
TYPE: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
COMMENTS: \_\_\_\_\_

## OUTPUT

Full Light Output

## LOADS OPERATED

Allows operation of any LED, fluorescent, or incandescent switched fixture from the generator or inverter supply up to 3 amps continuous.

## PRODUCT ADVANTAGES

- **Regains local switch control of designated emergency fixtures powered from a generator or inverter**
- **Promotes energy savings by eliminating the need for always-on fixtures**
- **Dimming Relay Leads allow the use of energy saving dimming controls on the fixture without the need for additional devices.**
- **Full light output**
- **Compatible with LED loads up to 3 amps continuous in accordance with NEMA 410**

## FEATURES

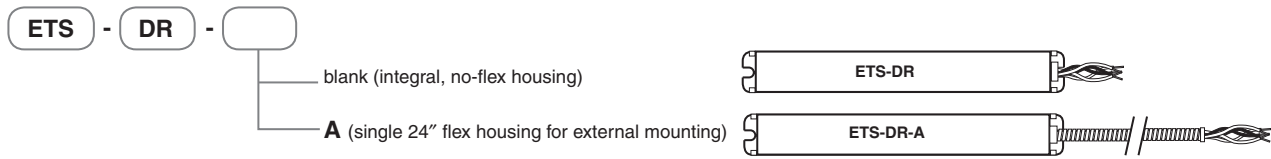
- Shunts local switch devices in the emergency mode allowing for full lumen output
- Rated for LED loads up to 3 amps continuous per NEMA 410 standards
- Galvanized steel case
- Dual Voltage 120/277V 60hz
- Rated for use in plenum fixtures
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements
- RoHS Compliant
- **5-Year Warranty.** See Warranty Page for details.



# ETS-DR

3-AMP EMERGENCY LIGHTING CONTROL DEVICE with DIMMING RELAY

## CONFIGURATION



## WIRING

This diagram shows a separately derived system (switched neutral). When the generator is not a separately derived system, the neutral conductors are solidly interconnected.

