



EPC-2 Series

Emergency power control for generator and mini-inverters

Supplies power to switched lighting fixtures

FEATURES

Mechanical specifications

- Mounts in 11.9cm (4-11/16") junction box with single gang plaster ring
- UL94-5VA rating
- Temperature: 0°C - 60°C (32°F - 140°F)
- Colour: white
- Flush mounted single gang
- Body size: 7.62cm (3") x 1.78cm (0.7") x 3.0cm (1.2")

Emergency operation

- The EPC-2 & EPC-2-D will operate any lamp type in the designated fixture for the duration of the generator or mini inverter supply

Initial illumination

- The EPC-2 & EPC-2-D will operate the designated lamp at full light output

Approval

- cUL listed according to CSA C22.2 No 141

Warranty (subject to proper installation and maintenance)

- Unit has a five year warranty
- Warranty details at: www.tnb.ca/en/brands/lumacell

Housing

- Compatible with LED, fluorescent and incandescent lamp types including standard, energy-saving, and electronic AC drivers and ballasts¹

Mounting

- Wall or ceiling mount

Options

- 0-10V dimming standard on the EPC-2-D model
- Advanced Diagnostics standard EPC-2 and EPC-2-D

Lamp types

- During utility power interruption, automatically connects generator or inverter circuit to emergency fixture and bypasses switching control to full light output for duration of inverter or generator supply

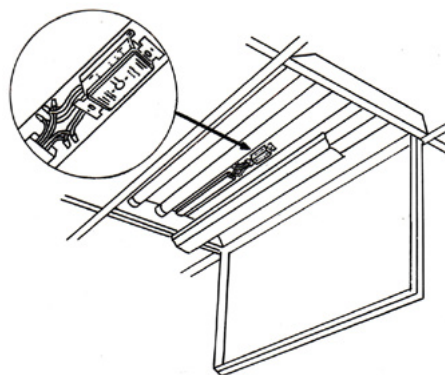
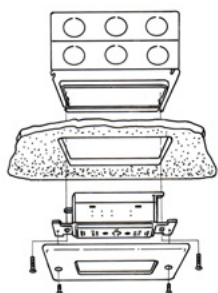
Power requirements

- Dual voltage 120/277V 60Hz

¹When using EPC-2 & EPC-2-D to control more than 10 emergency ballasts with a high corrective power factor capacitor, consult factory for more information regarding inrush currents.



Mounting



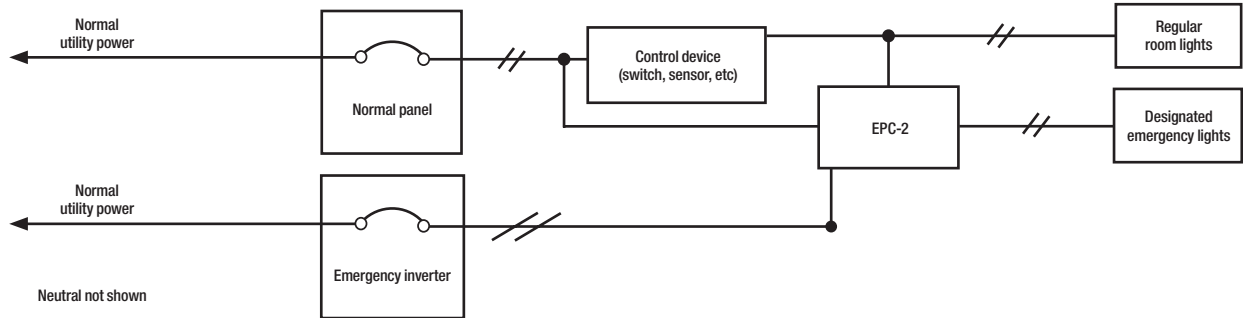
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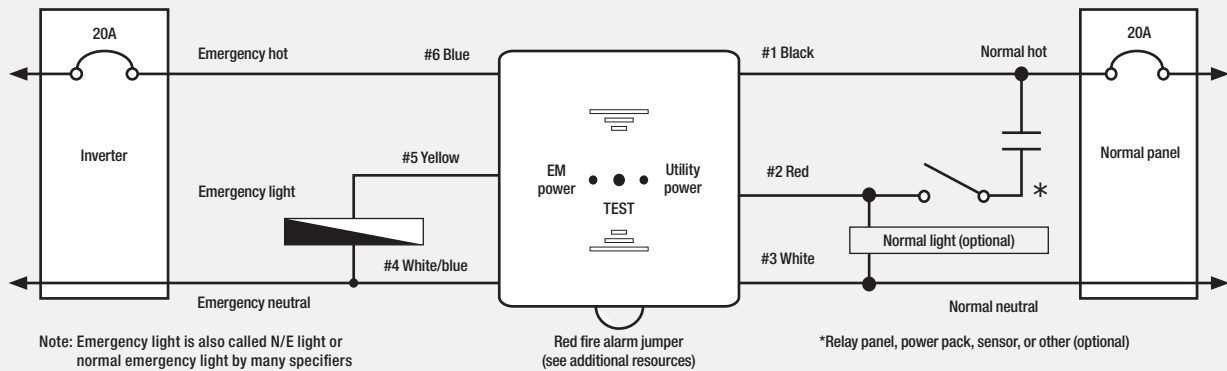
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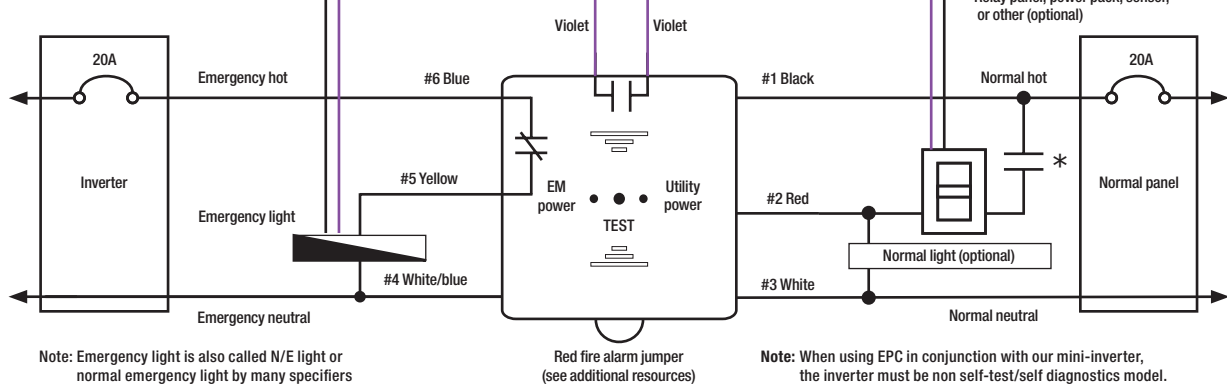
Single line drawing



Wiring diagram for EPC-2



Wiring diagram for EPC-2-D



SPECIFICATIONS

ELECTRICAL	
Model number	EPC-2
Sensing input	120V-277V
LED load rating	120V-277V (20A)
Ballast load rating	20A (120-277V)
Incandescent load	1200W (120V)/1500W (277V)

ORDERING INFORMATION

SERIES	
EPC-2-LU=	Emergency transfer switch
EPC-2-D-LU=	Emergency transfer switch with Advanced Diagnostics and 0-10 dimming

EXAMPLE: EPC-2-D-LU