

Pre-assembled emergency override panel that monitors AC power status via an integrated UL924-listed emergency control device and automatically commands all DMX512 channels to full output upon loss of normal power. Designed for commercial and institutional DMX lighting systems where emergency lighting compliance requires all fixtures to switch to full intensity during a power failure. Housed in a contractor-friendly NEMA 1 steel enclosure with DIN rail components and pre-labeled terminal blocks.



KEY FEATURES

- ✓ UL924-listed emergency power control device monitors AC supply for loss of normal power
- ✓ Automatically drives all DMX512 channels to full output (255) upon power loss detection
- ✓ Restores normal DMX operation when AC power is re-established
- ✓ Outputs one full DMX512-A universe (up to 512 channels)
- ✓ 120VAC input with integrated 24VDC DIN rail power supply
- ✓ DIN rail mounted components in NEMA 1 steel enclosure
- ✓ Pre-labeled terminal blocks for AC input and DMX signal connections
- ✓ Pre-assembled and factory tested — plug and play installation
- ✓ All components UL Listed

SPECIFICATIONS

Emergency Control	UL924 Listed emergency power control device
DMX Output	1x DMX512-A universe (512 channels), screw terminals
Emergency Behavior	All channels forced to DMX value 255 (full) on power loss
Normal Operation	Pass-through — upstream DMX signal forwarded to output
Power Input	120VAC, 60Hz
Enclosure	NEMA 1, 16-gauge galvanized steel, ANSI 61 gray powder coat
Enclosure Dimensions	12H x 12W x 4D inches
Mounting	Surface mount, 4 through holes
DIN Rail	1x 10" length, 35mm, 7.5mm height plated steel
Knockouts	Top, bottom, and sides
Operating Temp	0°C to +50°C
Certifications	UL Listed, UL924 Compliant

MOUNTING

Surface mount enclosure to wall using 4 through holes on rear of enclosure. Provide 120VAC circuit (Line, Neutral, Ground) to enclosure — device requires constant power to monitor for loss-of-normal condition. Route upstream DMX signal to DMX input terminals and downstream DMX wiring to output terminals. DMX signal wiring may be run in separate conduit from AC power wiring per NEC Article 725. Do not install on a switched or dimmer-controlled circuit.

ORDERING INFORMATION

Part Number	Description
PNL - GTWY - UL924 - DMX - NEMA1	UL924 Interface for DMX Controlled Loads, 120VAC, NEMA 1