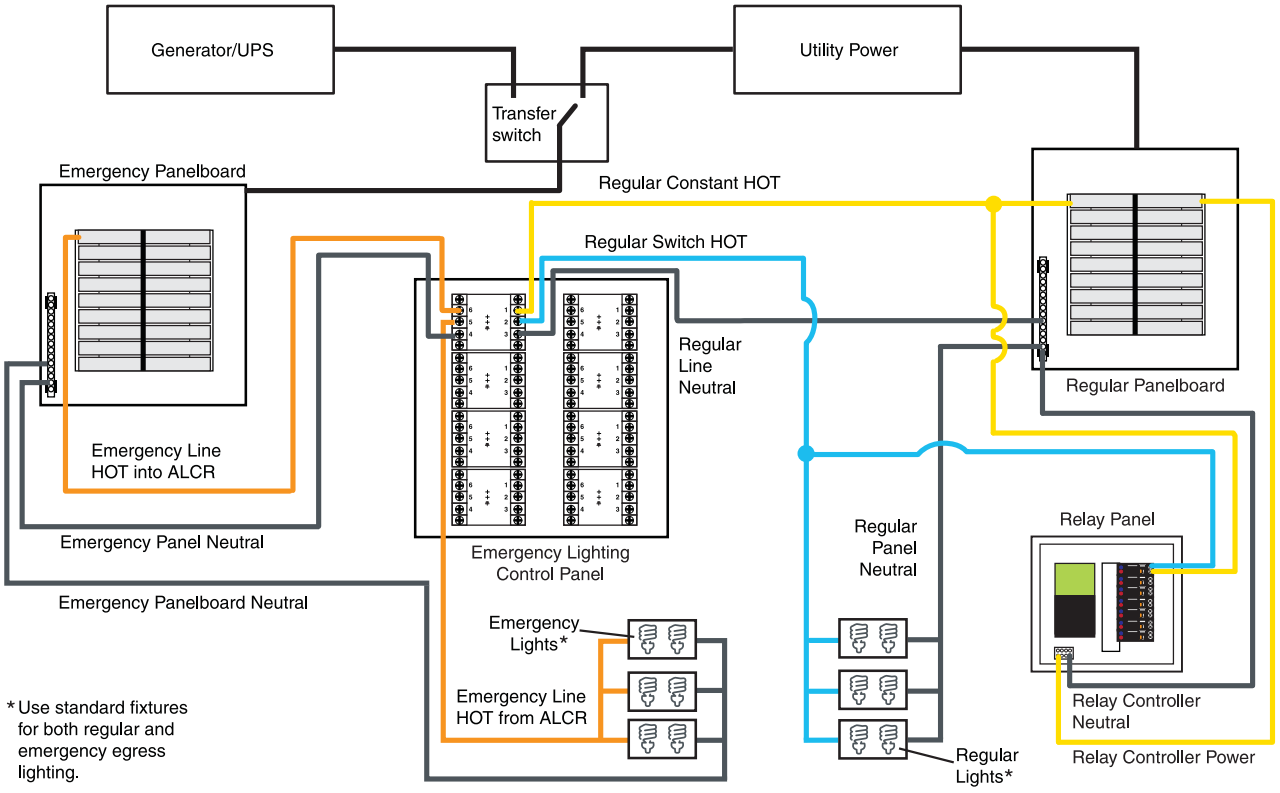
LynTec

A New Approach to Emergency Lighting Control

Many municipalities require emergency lighting equipment to provide egress lighting during an emergency.

Traditional Approach

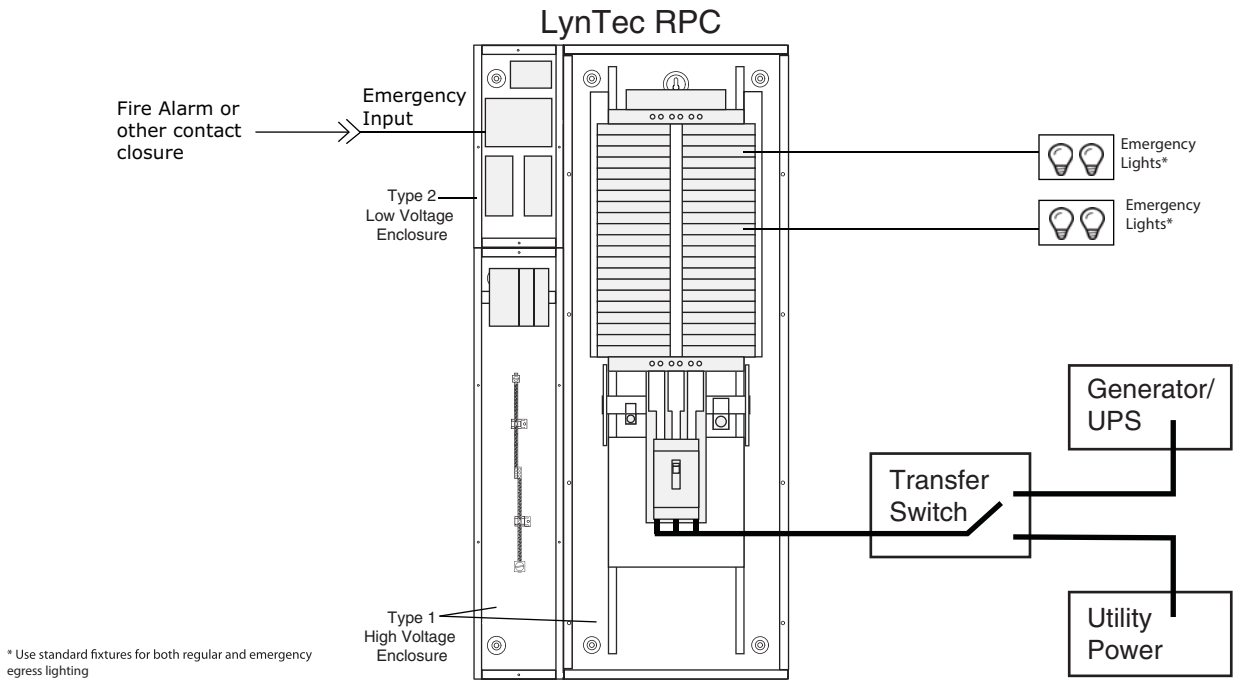
Two separate circuit breaker panels are installed. One is fed by normal commercial power and the second fed by an Automatic Transfer Switch, ATS, providing emergency power during an interruption to commercial power. Load control relays are installed between the circuit breaker panel and the lighting devices. These relays sense a loss of commercial power and switch to the emergency panel source to maintain power to the emergency lighting devices. A load control relay is required for each designated emergency circuit.



LynTec RPC

Instead of requiring two separate electrical panels and load control relays as used in the traditional approach to emergency lighting a single LynTec RPC panel can provide control to emergency lighting functions. Our UL 924 compliant RPC is located after a UL listed ATS to provide emergency power to selected circuits. These circuits are controlled by motorized circuit breakers that respond to an external low voltage contact input.

When this input changes state the preselected motorized breakers turn on regardless of their Zone assignment or normal control protocol. This condition is held until the low voltage input returns to normal state.



For more information or application assistance, please contact us at 800-724-4047 or info@lyntec.com.