

UL 924 ENCLOSED BYPASS RELAY WITH REMOTE EMERGENCY CONTROL INSTALLATION INSTRUCTIONS

GENERAL INSTRUCTIONS

The UL 924 Enclosed Bypass Relay with Remote Emergency Control are manufactured for Hubbell Building Automation by LVS Controls, Inc. San Leandro, CA. These products are labeled and listed by LVS for the appropriate applications as indicated on the LVS Installation Instructions included with the product.

PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

This Installation Guide is for use in connecting the LVS product with HBA control devices and is not intended to serve as approved Installation Instructions.

DESCRIPTION

Hubbell Building Automation's enclosed 20 Amp electrically held UL 924 Bypass Relay from LVS Controls, Inc, is specifically designed for projects requiring bypass utilizing an unswitched emergency circuit that is not controlled by a relay in a panel or power pack. The control of the lighting on the emergency circuit is switched ON and OFF based on the normal circuit switching input to the unit. When the loss of commercial power occurs, the contact returns to its normally closed state and bypasses control to the emergency egress lighting. The unit includes an automatic test function that simulates utility power failure and holds emergency lighting on for 2.5 seconds each time the switched input is turned OFF.

SPECIFICATIONS

Refer to LVS Controls, Inc, Installation Instructions and product labels for specifications and load ratings.

WIRING DIAGRAMS – LX and CX Panels, Power Packs and wiHUBB Smart Packs

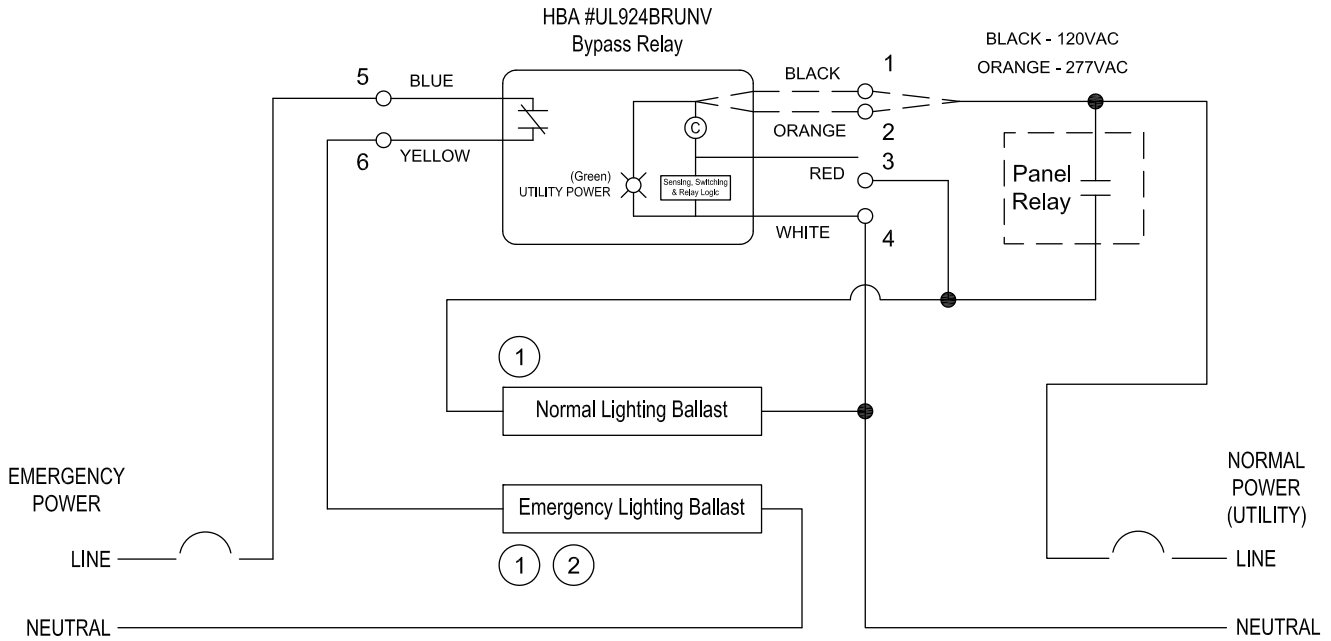
The Hubbell Building Automation UL 924 Enclosed Bypass Relay with Remote Emergency Control can be connected to various Hubbell Building Automation control systems and devices as indicated in the following wiring diagrams. Contact Hubbell Building Automation Technical Service at (800) 888-8006 for assistance as required.

WIRING DIAGRAMS - LX and CX PANELS

- ① Switched with Normal Load when Normal Power is available
- ② Held ON when Normal Power is not available and Emergency Power is available

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For Use with LX or CX Relay Panels where Emergency Lighting should be held on during a utility power failure and controlled by panel while normal power is available and there is no dedicated relay in the panel controlling the Emergency Circuit



WIRING DIAGRAMS - POWER PACKS and wiHUBB SMART PACKS

- ① Switched with Normal Load when Normal Power is available
- ② Held ON when Normal Power is not available and Emergency Power is available

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For Use with wiHUBB SmartPacks and Power Packs where Emergency Lighting should be held on during a utility power failure and controlled by panel while normal power is available and there is no dedicated relay in the panel controlling the Emergency Circuit

