

UL 924 ENCLOSED BYPASS SHUNT RELAY INSTALLATION INSTRUCTIONS

GENERAL INSTRUCTIONS

The UL 924 Enclosed Bypass Shunt Relays 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 Shunt Relays from LVS Controls, Inc. provide an isolated normally closed contact that can be used to provide bypass shunt to power emergency egress lighting directly from the emergency generator source. The coil in these relays is powered by a normal power supply. When the loss of commercial power occurs, the contact returns to its normally closed state and bypasses control to the emergency egress lighting. These fixtures will remain connected directly to generator emergency source until transfer back to normal power occurs.

SPECIFICATIONS

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

WIRING DIAGRAMS – LX Panels, CX Panels and Power Packs

The Hubbell Building Automation UL 924 Enclosed Bypass Shunt Relays 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 PANELS, CX PANELS and POWER PACKS

- ① Switched by Panel when Normal Power is available. Held ON when Normal Power is not available and Emergency Power is available

HBA #UL924SR1 & #UL924SR2

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



