

# ASR Series

UL 924 10 Amp Bypass/Shunt Relay



### Specifiers reference:

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Model #: \_\_\_\_\_  
 Comments: \_\_\_\_\_

### Product Summary

- Approvals** ..... UL Listed to UL924
- Coil Voltage Input** ..... 120 Vac; 24 Vac/dc (ASR-120)  
 208-277 Vac; 24Vac/dc (ASR-277), 50-60Hz
- Coil Current** ..... 31 mA @ 120Vac, 36mA @ 208-277Vac
- Contact Ratings** ..... 10 Amp
- Relay Status** ..... LED on = Normal power present
- Weight** ..... .45 lbs.
- Case** ..... NEMA 1
- Dimensions** ..... 1.7”L x 2.8”W x 1.50”H  
 with .50” NPT nipple
- Operating Temperature** ..... -29° to 140° F (-34° to 60° C)
- Warranty** ..... 1 Full year

### Contact Ratings

- 10A General use @277Vac
- 10A Resistive @ 30Vdc
- 1/2 HP @ 120/240 Vac (N/O)
- 1/3 HP @ 120/240 Vac (N/C)
- B300 Pilot Duty



### Ordering Codes

- ASR-120 - 120V Input
- ASR-277 - 277V Input

### Description

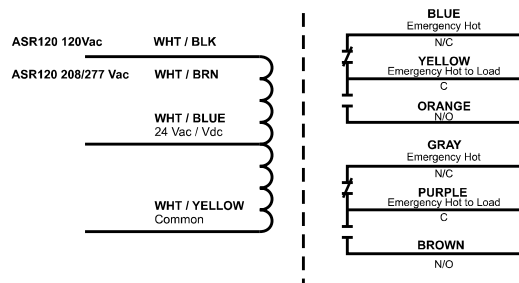
The Assurance Emergency Lighting ASR Series Shunt Relays are used for shunting around wall switches (including Line Voltage or 0-10Vdc dimmers) in order to turn on emergency lighting in the event of loss of normal utility power. ASR Series Shunt Relays can also be used for applications such as motor controls and resistive loads.

### Specifications

A UL924 Bypass/Shunt relay shall be provided by using an Assurance Emergency Lighting ASR device. When normal power is present, the ASR relay coil is activated, and the lighting load can be switched on/off using an individual wall switch. When normal power is lost, the ASR coil is deactivated. The Automatic Transfer Switch changes over to backup (generator) power, and the lighting load is illuminated regardless of the position of the wall switch or controller scheme. The ASR is contained in one 1.7” x 2.8” x 1.5” NEMA 1 enclosure, with an LED indicator light to designate the presence of normal power. The ASR device is available in separate models for either 120V or 277V input, 50-60Hz.

All Specifications subject to change without prior notification.

Note: Not rated for use as a UL 1008 Transfer Device



Assurance Emergency Lighting, a division of Assurance Engineering LLC

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