UL924BRUNV

TITLE 24 COMPLIANCE

UL LISTED

PROJECT INFORMATION

Project Name

Catalog No.   Date

Our enclosed 20 Amp electrically held UL 924 Automatic Load Control Relay is specifically designed for projects requiring control of an emergency lighting along with controlled general lighting in a space. 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 utility power occurs, the contact returns to the normally closed position 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.

Product Features

- 20 Amp 120/277VAC Relay
- Dual Tap 120VAC or 277VAC Coil
- N/C isolated contacts
- UL listed for use in emergency circuits
- No minimum load requirement
- Five-year warranty
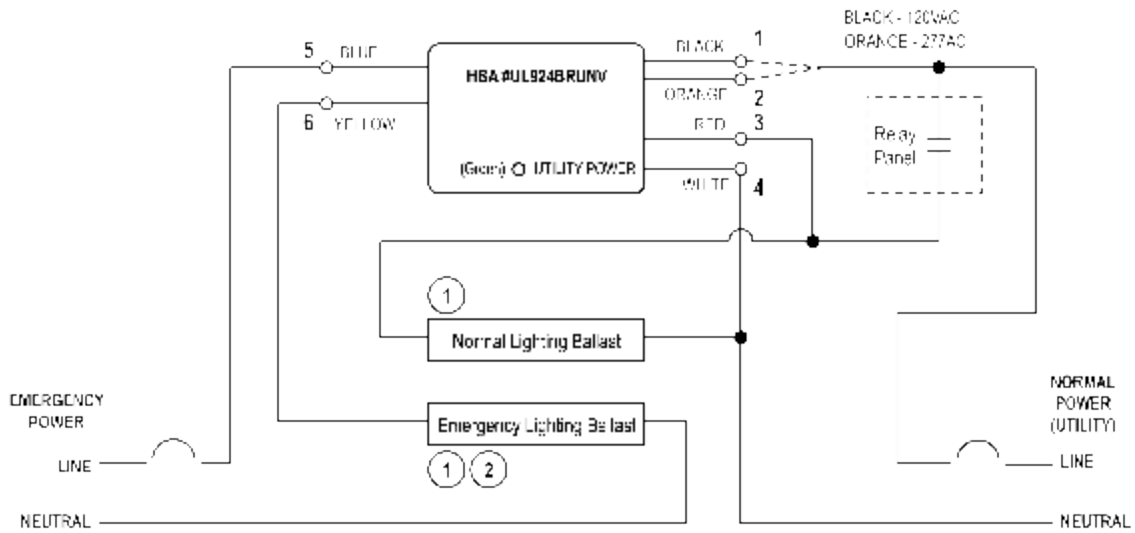- 120-277 Vac

Dimensional Data

1.75" [44.5mm]

3.75" [95.3mm]   1.25" [31.8mm]

Ordering Information

UL924BRUNV

MODEL	
UL924BRUNV	UL924 Emergency Control Relay with auto test 120-277VAC Coil

Wiring Diagrams

5 BLUE

HBA #UL924B.RUNV

(Green) ○ UTILITY POWER

6 YELLOW

BLACK 1

ORANGE 2

RED 3

WHITE 4

BLACK - 120VAC
ORANGE - 277AC

Relay
Panel

① Normal Lighting Ballast

Emergency Lighting Ballast
① ②

EMERGENCY
POWER

LINE

NEUTRAL

NORMAL
POWER
(UTILITY)

LINE

NEUTRAL

① Switched with Normal Load when Normal Power is available

② Held ON when Normal Power is not available and Emergency Power is available

General Specifications

# Relays & Contact Type	One (1) SPST Continuous Duty Electrically Held Coil
Contact Ratings	1500 VA Tungsten @ 120VAC
	20 Amp Ballast @ 120/277VAC
	2 HP @ 277VAC
	1 HP @ 120VAC
Coil Current	0.06 A @ 120VAC
	0.06 A @ 277VAC
Coil Voltage Input	120 or 277VAC; 60Hz
Operating environment	Indoor use only
	32° to 140°F (0° to 60°C)
	Relative humidity (non-condensing): 0% to 95%
Dimensions	3.75" L x 1.75" W x 1.25" D (95.3mm L x 44.5mm W x 31.8mm D) with mounting ears for 1-gang box
Housing Rating	Plenum, NEMA 1
Flame Rating	UL94V-0
Wires	7", 105° C, 600V Rated
Certifications	UL Listed, UL924
Warranty	Five years