

Description:

The Fire Alarm / Security Interface option (FAI) is normally to be used in conjunction with a Nine 24 Inc. BLTC or ELCR product. It allows BLTC and ELCR units to be actuated by the building fire alarm or security system in the event of an emergency condition (fire, storm, security breach, etc.) The FAI option will also cause the emergency lighting fixtures controlled by the BLTC or ELCR to illuminate during fire alarm testing regardless of the status of the controlling switch, relay, etc. With the FAI installed, the BLTC or ELCR will energize the emergency lighting fixtures it controls during a loss of normal power regardless of the state of the Fire Alarm or Security System.

The FAI can also be used as a stand alone product with the Dali, Lutron Ecos and Lithonia Lighting Simply 5 ballasts to provide full light output from light fixtures fed with alternative power systems for the purposes of emergency lighting. The FAI can also in these instances provide local "normal" circuit sensing and allow for interface with Fire Alarm or Security Systems.

Features:

Unit has 24 vac power output for use with Fire Alarm or Security System dry contact.

Unit will accommodate the BLTC-R, BLTC-R, BLTC V3 or ELCR-R.

See Wiring Diagrams on back side of this cut sheet.

(Check with Nine 24 Inc. for specific applications)

Unit comes mounted in a 4 11/16" square junction box with **Integral low voltage barrier**. Face Plate provided.

Electrical:

Line voltage normally open contact is rated 16 amp (1920w @ 120v and 4432w @ 277v) rating for incandescent, halogen, fluorescent - magnetic and electronic ballasts and LED lighting power supplies.

Low voltage power output is 24 vac.

Single voltage rated for 120v or 277v— Specify when Ordering

Current draw on line voltage is less than 40ma.

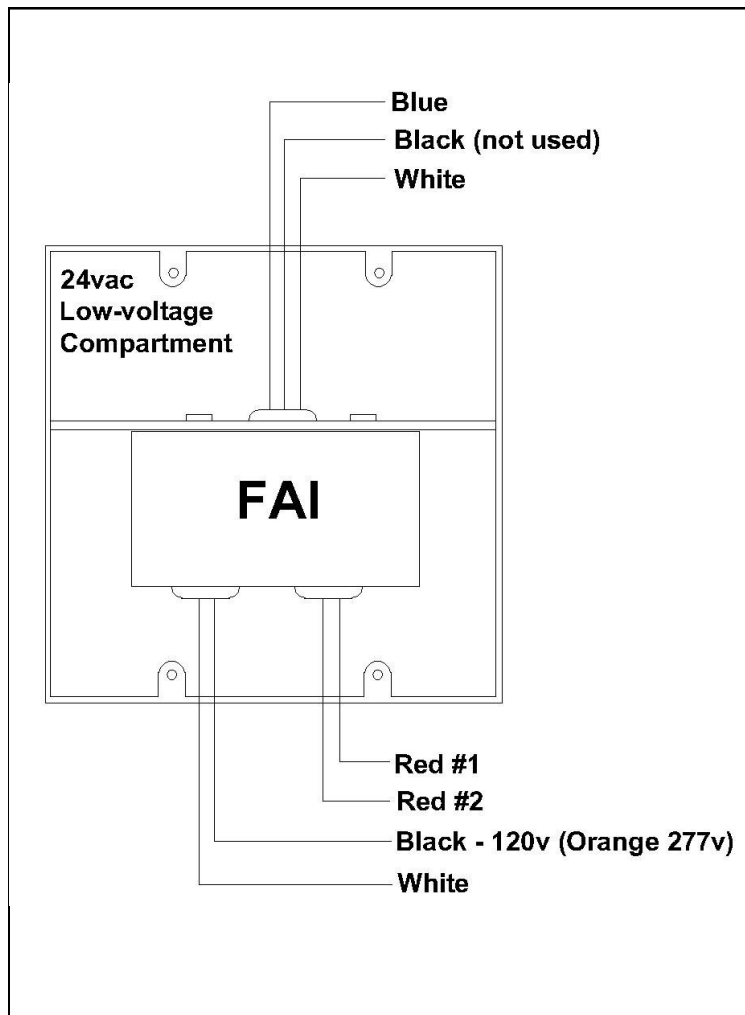
Operating temperature: -20°F to 130°F

Relay is UL listed.

Warranty: Limited 3 year product replacement warranty.

Contact Nine 24 Inc. for complete Warranty Information.

Specification-Grade Emergency Lighting Control for interfacing BLTC and ELCR products with Fire Alarm and Security Systems



Dimensions and Weight

Box: 4 11/16" W X 4 11/16" L X 2 1/8" D

Faceplate: 4 11/16" W X 4 11/16" L

Weight: 16 oz.

ORDERING INFORMATION

FAI - _____
 Model Voltage
 120 or 277

Control Block Diagrams

Contact Nine 24 Inc. for DXF file

info@924inc.com or (502) 301-7106

