

Frequently Asked Questions - ALCR1277

What is ALCR1277?

The ALCR1277 is an Automatic Load Control Relay for UL924 Emergency lighting control applications. It allows the emergency lighting in a space to be controlled along with the normal lighting while ensuring that the emergency lighting will be forced to full bright upon loss of normal power to the space.

Does ALCR1277 work with 277V loads?

Yes. The ALCR1277 works with switched lighting loads at 120 or 277V either with or without 0-10V dimming.

Does the ALCR1277 control 0-10V Dimming?

Yes. The ALCR1277 features normally open contacts for 0-10V dimming causing dimmed luminaires to go to fully bright.

Does the ALCR1277 include any status indicators?

Yes. The ALCR1277 features a multi-colored LED that indicates the state of the relay. The green LED indicates that there is power to the control unit. When installed to the emergency power circuit, it should always be illuminated. The red LED indicates whether the unit's emergency power output is on. It should be off when emergency power is not being used. It should illuminate when the control unit is supplying power to the emergency lighting, either in cases of emergency or under optional testing conditions.

Can ALCR1277 be use with NX Lighting Controls room controller?

The ALCR1277 can be used with NX Lighting Controls room controllers, occupancy sensors, power packs, line voltage switches and relays that are controlling normal lighting.

Can ALCR1277 be mounted to a junction box?

The ALCR1277 is plenum rated and is equipped with an integrated chase nipple, allowing mounting to a junction box through a standard 1/2" KO. Alternatively, the unit can be enclosed within a junction box.

Can ALCR1277 be connected to fire alarm systems or remote test buttons?

Yes. A wire loop can be cut to expose flying leads for connection to a fire alarm interface or remote test button.

Is ALCR1277 UL924 certified?

Yes. The ALCR1277 is UL924 listed for emergency lighting control.

What material is the ALCR1277 made from?

The ALCR1277 is made from black, plenum-rated, flame-retardant themoplastic.