Releasing Circuit Disable Switch (RCDS-1)

The Release Circuit Disable Switch (RCDS-1) consists of a stainless steel faceplate, green LED, amber LED, and switch assembly. It is designed to mount on a standard single gang electrical enclosure. The switch is designed for indoor use only.

The connection for the supervisory circuit has 4 wires: 2 yellow and 2 gray. The 2 yellow wires are for connection to the supervisory circuit. The 2 gray wires are for connection to additional supervisory devices or the EOLR for the supervisory zone.

Technical Data

Material……...Stainless steel faceplate
Dimensions….2 ¾ in. W x 4 ½ in. H x 2 in. Deep
Contact Rating….1 AMP @ 40 VDC
Power Requirements….24 VDC, 10 mA
Temperature Range…..-22 ^{o}F to 140 ^{o}F
(-30 ^{o}C to 60 ^{o}C)

Listings/Approvals

UL Listed
ULC Listed

Shipping Assembly

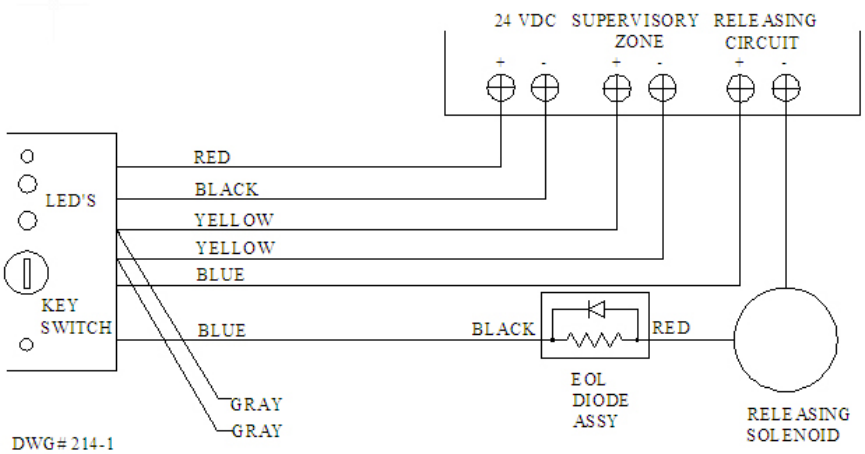
Part No.	Description
17121	Releasing Circuit Disable Switch Assy

Operation

The green LED indicates the RCDS is in the normal condition and the release circuit is enabled. The amber LED indicates that the release circuit is disabled.

Application

The RCDS-1 complies with NFPA 72:
- Specifying a physical switch to disconnect the release circuit in place of a software controlled disconnect.
- Creating a supervisory condition on the associated release panel.

Installation

1. Connect the red and black leads to the 24 VDC auxiliary power terminals on the panel. **Be certain to observe polarity.**
2. Connect the yellow wires to the supervisory zone on the panel.