FW2851
Isolator Module

Maple Armor

General

The FW2851 isolator module isolates the short point on the signaling line circuit (SLC) or Data Communication Link (DCL). The internal relay will be triggered to cut down the line power where the short trouble is detected.

The device two LEDs will indicate the trouble condition from side A (terminal 1/2) and side B (7/8) individually by yellow steady on. A return to normal condition will cause the internal relay to normal position to restore the line power and the device LED indicator will return to the idle condition.

The FW2851 does not occupy an address on the Fire Alarm Control Panel

Features

- Isolates short circuits
- Does not take address on FACP
- Two LED indicators
- SLC/DCL Class A or Class B

Specifications

- Operating Temperature: -10°C to 55°C
- Operating Humidity:0% to 95% RH
- Dimension: 120 (L) x 120 (W) x 45 mm (H)
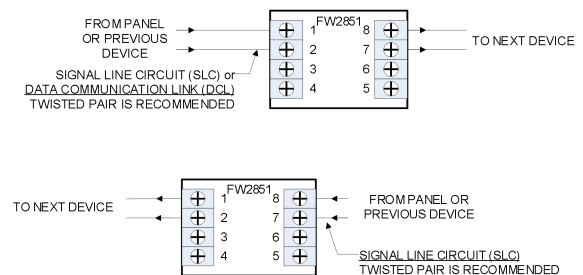- Weight (with backbox):8.8 oz (249 g)
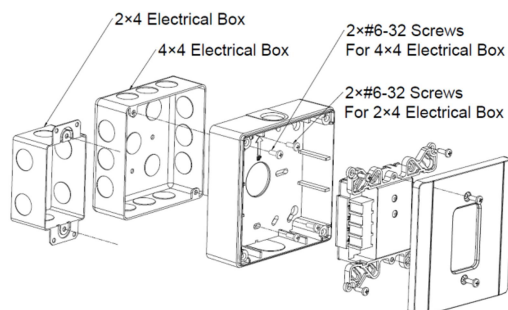- Wiring Gauge:12 to 18 AWG

Installation and wiring

Fig.1 Installation

Mount the FW800 / FW801 base onto a 2X4 or 4x4 electrical box using the screws provided, as illustrated in Figure 1. above.

Fig.2 Module Wiring Diagram (SLC/DCL)

Agency listings and approvals

- UL864/ULC-S527:Fire Protective Signaling Systems

Ordering Info

Model	Description
FW2851	ISOLATOR Module
FW800	Surface Box
FW801	Surface Box, Deep