

# FW2821

## Supervised Output Module

DS\_5073\_2



### OUTPUT MODULE

## General

The FW2821 supervised output module provides one 24VDC output and one input switch which can be configured to be an alarm, supervisory, trouble, monitor or feedback signal. The input line is monitored for open line faults and ground faults, and the contact must thus be wired with an end-of-line resistor. The output line is monitored for open line, short circuit faults, ground faults, and external 24VDC power source loss.



When the output is activated, the Output LED (lower) will be steady on. When the input is switched, the Input LED (upper) will indicate by steady on. A return to the normal condition will cause the event to disappear and the output/input LED indicator will return to the red every 4 seconds.

## Features

- intelligent addressable module
- One 24VDC output and one input
- Two LED indicators
- Input type configurable on FACP

## 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): 9.2 oz (261 g)
- Wiring Gauge: 12 to 18 AWG

## Installation and wiring

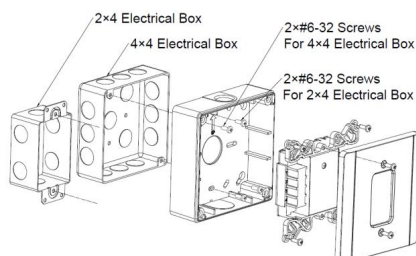
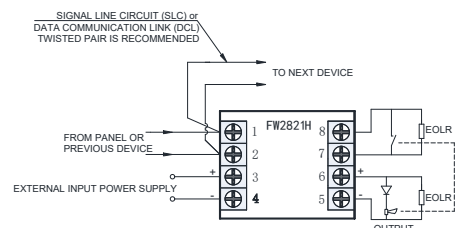
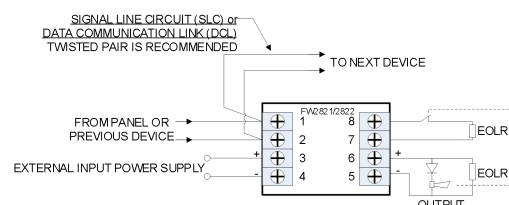


Fig.1 Installation

Mount the FW800/FW801 box onto a 2"X4" or 4"X4" electrical box using the screws provided, as illustrated above. Or mount the module flush mount on a 4"X4" electrical box.



(a) Normally Open Circuit-Feedback when short



(b) Normally Closed Circuit- Feedback when open

Fig.2 Wiring (SLC/DCL)

## Agency listings and approvals

- UL864/ULC-S527: Fire Protective Signaling Systems

## Ordering Info

Model	Description
FW2821	Supervised Output Module
FW800	Surface Box
FW801	Surface Box, Deep