

Farenhyt



**SILENT
KNIGHT**

by Honeywell

SLC Expander

Signaling Line Circuit Expander

5815XL

The 5815XL is a signaling line circuit (SLC) expander for use with the Farenhyt IFP-1000, IFP-1000ECS and IFP-2000 analog/addressable fire alarm control panel (FACP). Use the 5815XL to add more SLC devices of the same protocol to the IFP-1000/ECS or IFP-2000 control panel.

The 5815XL supports the same number of devices and SLC device types that are supported by the control panel. A maximum of seven 5815XLs can be used with the IFP-1000/ECS FACP. A maximum of 63 5815XLs can be used on an IFP-2000 panel, but the total SLC device count is limited to 636.

The 5815XL communicates with the FACP via an RS 485 system bus. A green LED on the 5815XL board blinks to indicate good communication. If an addressable device on a 5815XL fails, the loop communicates the failure to the IFP-1000 and continues to operate normally.

Features

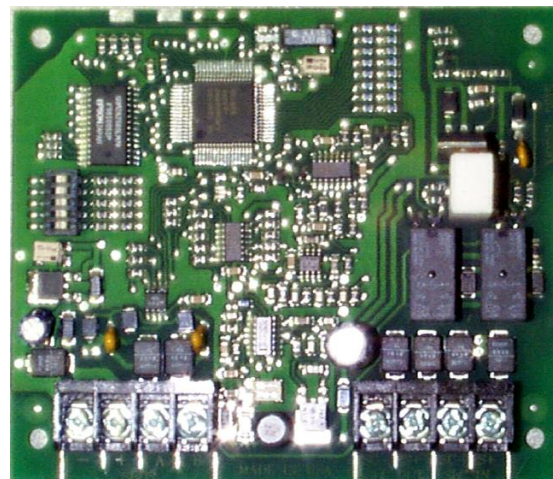
- Adds support for up to 159 IDP detectors and 159 IDP modules or 127 SD devices to the IFP-2000 system.
- Adds support for up to 99 IDP detectors and 99 IDP modules or 127 SD devices for the IFP-1000/ECS system.
- Communicates with the FACP via RS 485 system bus
- LED indicates good communication
- House up to two 5815XLs in the IFP-1000 cabinet, IFP-2000 cabinet, RPS-1000 cabinet, or one 5815XL in the 5815RMK remote mounting kit
- SLC wiring used standard wire. Twisted pair or shield cable are not required
- UL 864 listed, complies with NFPA 72 and 101
- CSFM approved
- MEA
- FM approved

Agency Listings



MEA

429-92-E Vol VI



5815XL

Installation

The 5815XL can be mounted on standoffs located in the IFP-1000, IFP-1000ECS, IFP-2000 or RPS-1000 cabinet or in the 5815RMK remote mounting kit. All control panel mounting options allow you to install two 5815XLs per cabinet.

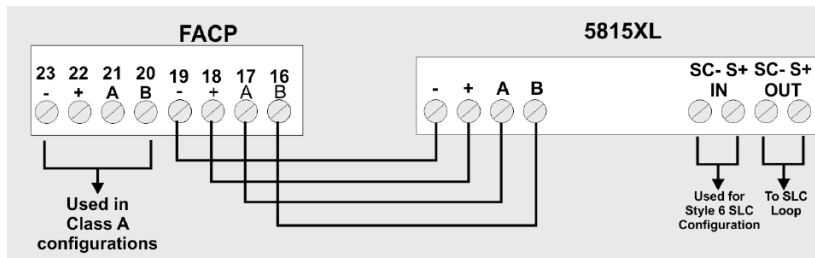
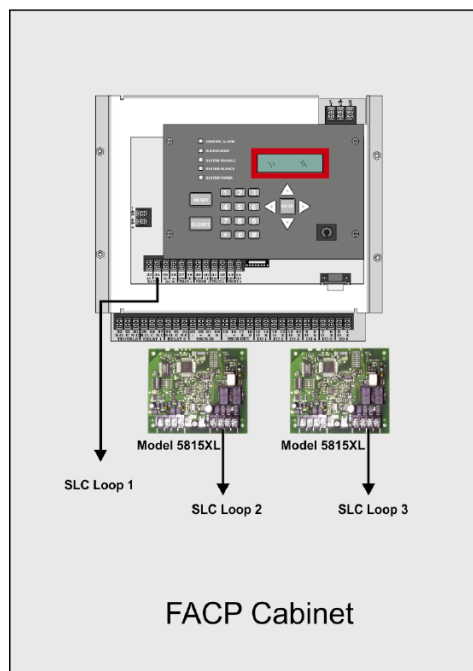
Compatibility

The 5815XL is compatible with the IFP-1000, IFP-1000ECS and IFP-2000 FACP. The 5815XL supports multiple device types of the same protocol, either SD or IDP. You cannot mix SD and IDP devices on a 5815XL.

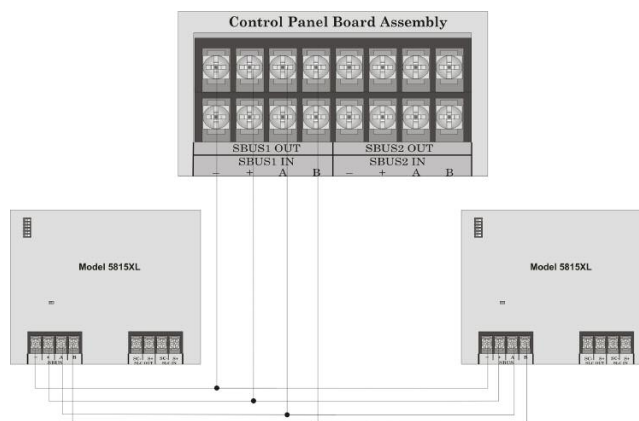
P/N 350211 Rev F

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IFP-1000 connection to 5815XL



IFP-2000 connection to 5815XL

Specifications

5815XL Physical

Height: 4.2" (10.7 cm)
Width: 4.8" (12.2 cm)
Shipping Weight: 5.6 oz (159 g)

RPS-1000 Physical (Optional Accessory)

Height: 26" (66 cm)
Width: 16" (40 cm)
Depth: 4.7" (11.8 cm)
Shipping Weight: 28.8 lbs (13.1 kg)

5815RMK Physical (Optional Accessory)

Height: 10.2" (25.9 cm)
Width: 10.4" (26.4 cm)
Depth: 3" (7.6 cm)
Shipping Weight: 1.2 oz (37g)

System Capacity

IFP-1000/ECS FACP supports seven 5815XLs
IFP-2000 FACP supports 63 5815XLs (but a maximum of 636 SLC devices per system)

5815XL Capacity:

127 SD addressable devices for IFP-1000/ECS & IFP-2000
159 IDP detectors and 159 IDP modules for IFP-2000
99 IDP detectors and 99 IDP modules for the IFP-1000/ECS

Electrical

Standby & Alarm Current: 55 mA max – 125 mA (with maximum number of devices installed on 5815XL)

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

Approvals

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service. Suitable for automatic, manual, waterflow, sprinkler supervisory (DACT non-coded) signalling services.

Other Approvals: UL Listed; CSFM 7170-0559: 135; MEA 429-92-E Vol. VI; FM Approved

Ordering Information

5815XL Signaling Line Circuit Expander.

Accessories

RPS-1000 Intelligent Power Module. Cabinet holds two 5815XLs.

5815RMK Remote Mounting Kit. Cabinet holds two 5815XLs.

VIP-5815MK Mounting Kit. Mounting kit installs in VIP-series cabinets and holds two 5815XLs.



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please call 800-446-6444. www.farenhyt.com

