Farenhyt

SILENT KNIGHT

by Honeywell

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
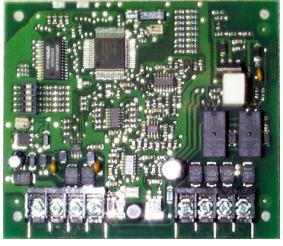
- CSFM approved

- MEA

- FM approved

Agency Listings

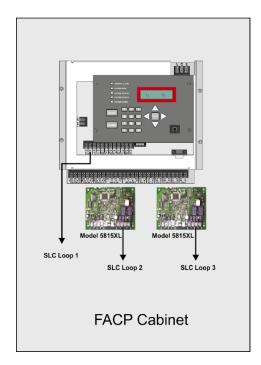**MEA**
429-92-E Vol VI

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.
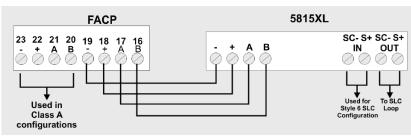
Compatibility

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.
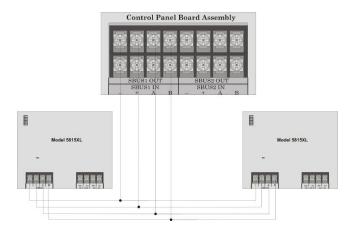
IFP-1000 connection to 5815XL

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: 32ºF – 120ºF (0ºC – 49ºC)

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.

SILENT KNIGHT
by Honeywell

Made in the U.S.A.