

# 5815XL

## Signaling Line Circuit Expander

The 5815XL is a signaling line circuit (SLC) expander for use with the Farenhyt IFP-1000, IFP-1000ECS and IFP-2000/ECS 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/ECS 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/ECS 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.

### INSTALLATION

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

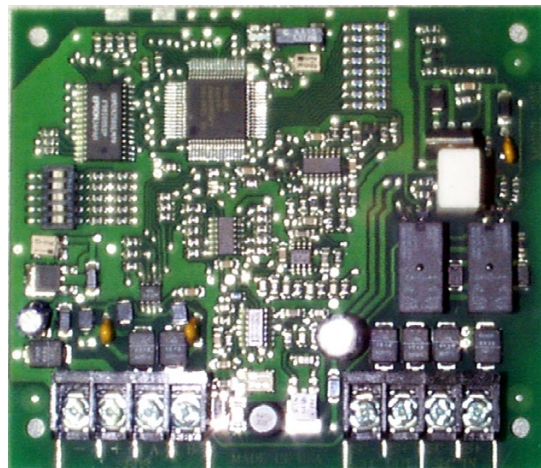
### COMPATIBILITY

The 5815XL is compatible with the following Honeywell Farenhyt series FACP's:

- IFP-2000 / RPS-2000 / IFP-2000ECS
- IFP-2100 / IFP-2100ECS / RFP-2100
- IFP-1000 / IFP-1000ECS
- IFP-300 / IFP-300ECS

## FEATURES & BENEFITS

- Adds support for up to 159 IDP detectors and 159 IDP modules or 127 SD devices to the IFP-2000/ECS 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/ECS 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



**5815XL**

# 5815XL Technical Specifications

## PHYSICAL

### 5815XL Physical

**Dimensions:** 4.2" H (10.7 cm); 4.8" W (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)

## ENVIRONMENTAL

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

**Humidity:** 10 to 93% relative humidity (non-condensing)

## ELECTRICAL

**Standby & Alarm Current:** 80mA max

## SYSTEM CAPACITY

IFP-1000/ECS FACP supports seven 5815XLs

IFP-2000/ECS or IFP-300/ECS FACP supports 63 5815XLs

### 5815XL Capacity

- 127 SD addressable devices per loop for IFP-1000/ECS, IFP-300/ECS & IFP-2000/ECS

## 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.

## AGENCY LISTINGS AND 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. UL Listed

CSFM 7170-0559: 135;

MEA 429-92-E Vol. VI

FM Approved

For a complete listing of all compliance approvals and certifications, please visit [www.farenhyt.com](http://www.farenhyt.com).

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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 Technical Support, Please call 800-446-6444.

## For more information

Learn more about Honeywell's Farenhyt Series and other products available by visiting [www.farenhyt.com](http://www.farenhyt.com)

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