

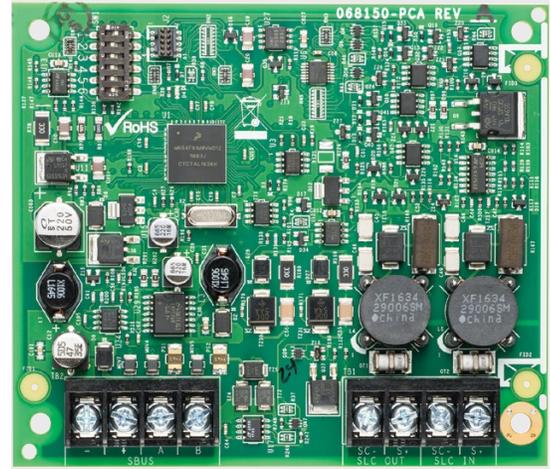
# 6815

## Signaling Line Circuit Expander

The 6815 is a signaling line circuit (SLC) expander for use with the Farenhyt Series IFP-300/ECS or IFP-2100/ECS analog/addressable fire alarm control panel (FACP). Use the 6815 to add more SLC devices of the same protocol to the IFP-2100/ECS or IFP-300/ECS control panel.

Additional 6815s support 159 IDP or SK devices, and 159 IDP or SK modules for a maximum of 2100 points per IFP-2100/ECS or 300 points per IFP-300/ECS. The number of 6815's used is limited by the number of SBUS devices. 6815 will support IDP, SK or SWIFT devices.

The 6815 communicates with the FACP via an RS 485 system bus. A green LED on the 6815 board blinks to indicate good communication. If an addressable device on a 6815 fails, the loop communicates the failure to the FACP and continues to operate normally



**6815**

### Compatibility

The 6815 is compatible with the following Farenhyt Series FACP's:

- IFP-2100/ECS
- IFP-2100/ECSB
- RFP-2100
- RFP-2100B
- IFP-300/ECS
- FP-300/ECSB

## FEATURES & BENEFITS

- Adds support for up to 159 IDP/SK sensors and 159 IDP/SK modules per IFP-300/ECS or IFP-2100/ECS panel
- Communicates with the FACP via RS 485 system bus
- LED indicates good communication
- House up to two 6815s in the IFP-2100/ECS, RFP-2100, IFP-300/ECS, RPS-1000 cabinets, or 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
- Support for IDP, SK or SWIFT devices

# 6815 Technical Specifications

## PHYSICAL

**Dimensions:** 4.2"H x 4.8" W (10.7 x 12.2 cm)

**Shipping Weight:** 5.6oz (159 g).

## ELECTRICAL

**Standby & Alarm Current:** 78mA max

## ENVIRONMENTAL

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

**Humidity:** 0 to 93% non-condensing

## SYSTEM CAPACITY

IFP-2100/ECS FACP supports 63 6815s (but a maximum of 2100 SLC devices per system)

IFP-300/ECS FACP supports 63 5815XLs (but a maximum of 300 SLC devices per system)

6815 Capacity: 159 IDP or SK sensors and 159 IDP or SK modules per loop

## ORDERING INFORMATION

**6815:** Signaling Line Circuit Expander.

## ACCESSORIES

**RPS-1000:** Intelligent Power Module. Cabinet holds two 6815s.

**5815RMK:** Remote Mounting Kit Cabinet holds two 6815s. Red cabinet

**5815RMKB:** Remote Mounting Kit Cabinet holds two 6815s. Black cabinet.

**SK-NIC-KIT:** Remote Mounting Kit Cabinet. holds one 6815. 10-3.8" W x 10-3/16" H x 3" D

## 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** listed

**FDNY** COA 6245

**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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