

# 5815XL

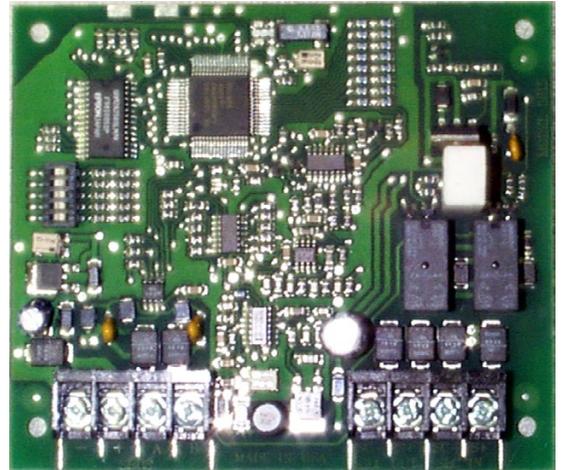
## Signaling Line Circuit Expander

The 5815XL is a signaling line circuit (SLC) expander for use with the 5820XL, 5820XL-EVS, 6820 or 6820EVS addressable fire alarm control panel (FACP). Use the 5815XL to add more Hochiki® SD SLC devices of the same protocol to the control panel.

All functionality of the built-in SLC is provided with the 5815XL. Three 5815XLs can be added to an 5820XL or 5820XL-EVS IntelliKnight system for a total of 396 SK detectors and 396 SK modules or 508 SD addressable devices per system.

On the 6820 or 6820EVS the number of 5815XLs is limited by the maximum number of SBUS devices. Each 5815XL let you add 127 SD addressable devices.

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 panel and continues to operate normally.



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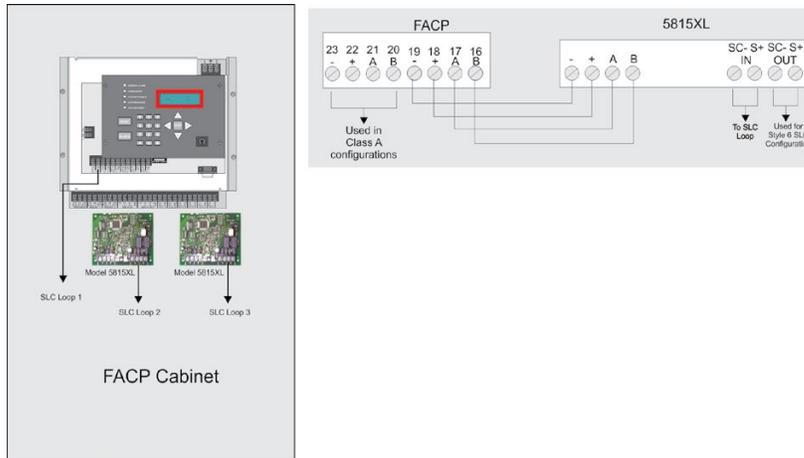
### INSTALLATION

The 5815XL can be mounted on standoffs located in the 5820XL, 5820XL-EVS, 6820, 6820EVS, 5895XL cabinet or in the 5815RMK remote mounting kit. All control panel mounting options allow you to install two 5815XLs per cabinet.

## FEATURES & BENEFITS

- Adds 99 SK modules and 99 SK detectors or 127 SD addressable devices to an 5820XL/EVS IntelliKnight system
- Three 5815XLs per system
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- 5815XL SLCs have same functionality as the 5820XL/EVS, including Style 6 (Class A) configuration
- Communicates with the IntelliKnight panel via RS 485 system bus
- LED indicates good communication
- UL 864 listed, complies with NFPA 72 and 101
- Communicates on most standard wiring systems (ideal for retrofits)
- CSFM approved
- MEA
- FM approved

# 5815XL Technical Specifications



## PHYSICAL

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

Shipping Weight: 5.6 oz (159 g)

## ENVIRONMENTAL

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

Humidity: 10% - 93% non-condensing)

## ELECTRICAL

Operating Voltage: 24 VDC

Current Draw: 55 mA minimum - 125mA max.

## ORDERING INFORMATION

5815XL: SLC Loop Expander

## ACCESSORIES

5815RMK: Remote mounting kit. Dimensions 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 7300-0559:123;
- MEA 429-92-E Vol. VI
- FM Approved
- OSHPD (CA) OSP-0065-10

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

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For Technical Support, call 800-446-6444.

## For more information

Learn more about Honeywell Silent Knight and other products by visiting [www.silentknight.com](http://www.silentknight.com)

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