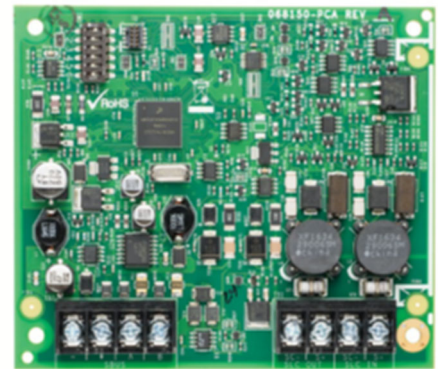


FIK-6815 Signaling Line Circuit Expander

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

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



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

COMPATIBILITY

The FIK-6815 is compatible with the following Fike FCP series panels:

- FCP-300 / FCP-300ECS
- FCP-2100 / FCP-2100ECS / RFCP-2100

FEATURES

- Adds support for up to 159 FIK sensors and 159 FIK modules per FCP-300/ECS or FCP-2100/ECS panel
- Communicates with the FACP via RS-485 system bus
- LED indicates good communication
- Houses up to two FIK-6815s in the FCP-2100/ECS, RFCP-2100, FCP-300/ECS, FIK-RPS1000 cabinets, or in the FIK-5815RMK remote mounting kit
- SLC wiring uses standard wire. Twisted pair or shielded cable is not required
- UL 864 listed, complies with NFPA 72 and 101
- Support for FIK or SWIFT® wireless devices

APPROVALS

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signaling; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service. Suitable for automatic, manual, water flow, sprinkler supervisory (DACT non-coded) signaling services.

- UL Listed
- CSFM
- Factory Mutual Approved

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Physical	
Dimensions:	4.2" H x 4.8" W (10.7 cm H x 12.2 cm W)
Shipping Weight:	5.6 oz (159 g)
Environmental	
Operating Temperature:	32°F to 120°F (0°C to 49°C)
Humidity:	0 to 93% relative humidity (non-condensing)
Electrical	
Standby Current:	78mA max.
Alarm Current:	78mA max.
System Capacity	
FCP-2100/ECS FACP	Supports 63 FIK-6815 Expanders (but a maximum of 2100 SLC devices per system)
RFCP-2100 FACP	Supports 63 FIK-6815 Expanders (but a maximum of 2100 SLC devices per system)
FCP-300/ECS FACP	Supports 63 FIK-6815 Expanders (but a maximum of 300 SLC devices per system)
FIK-6815:	159 FIK sensors and 159 FIK modules per loop

ORDERING INFORMATION

Part Number	Description
FIK-6815	Signaling Line Circuit Expander
SBUS Accessories	
FIK-RPS1000	Remote Power Supply, 120V (cabinet holds two FIK-6815s)
FIK-RPS1000HV	Remote Power Supply, 220V (cabinet holds two FIK-6815s)
5815RMK	Remote Mounting Kit (cabinet holds two FIK-6815s)
SK-NIC-KIT	Remote Mounting Cabinet (holds one FIK-6815)