CTX-95

City Tie Expander

Description

The Gamewell-FCI City Tie Expander (CTX-95) is a single-circuit, reverse-polarity transmitter that provides the interface between the Fire Alarm Control Panel (FACP) and a municipal system or central station. The CTX-95 connects to the panel via a three-wire SLC circuit. The most common usage is transmitting supervisory signals and their faults on a separate city tie from the main system, and to transmit alarms to a central station to indicate building alarm or arrival entrance to building.

The CTX-95 is either surface or flush mounted and has an integral LED that lights at device activation.

Operation

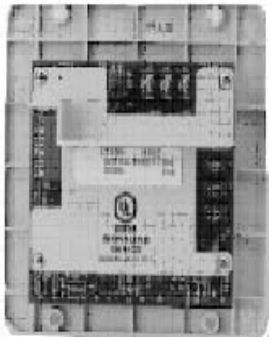
The CTX-95 is a programmable reverse polarity city tie circuit. The module contains the XP-95 protocol to communicate with the Gamewell-FCI 600 Series of analog addressable control panels. The module provides the power and supervision for the reverse polarity city tie. Programming CTX-95 selected circuits insures that only their alarms and troubles are transmitted to the central station.

Programming

The CTX-95 is programmed by setting a single DIP switch easily accessible on the device's printed circuit board. The DIP switch is used to set the address of the CTX-95. All other programming is accomplished at the Fire Alarm Control Panel, either through a laptop computer or through the Control Panel Operator's Display.

Mounting

The CTX-95 mounts in a standard 4.688" (11.908 cm) electrical backbox. The CTX-95 should be mounted in an easily accessible location so that the LED may be seen for quick indication of proper connection and activation.



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CTX-95



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CTX-95

Features

- Compatible with all Gamewell-FCI 600 Series analog addressable FACPs.
- Connects to addressable SLC.
- Provides one reverse polarity circuit.
- Over-voltage protector built-in.
- LED annunciates activation.
- Fully supervised.
- Surface or flush mounting.
- Field programmable.
- Style 4, 6, or 7 wiring.
- Screw terminals for field-wiring connections.

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Engineer's Specifications

The contractor shall furnish and install an electronic addressable reverse polarity transmitter. It shall connect to the FACP via a three-wire SLC circuit. It shall be fully programmable and supervised with a LED to indicate activation. It shall be Gamewell-FCI CTX-95.

Specifications

Input Power:	24 VDC from three-wire analog circuit.
Quiescent Current:	0.002 A
Alarm Current:	0.02 A
Operating Temperature:	0° C to 49° C (32° F to 120° F)
Relative Humidity:	85% non-condensing
Housing Requirements:	4.6888" (11.908 cm) backbox
Output Rating:	0.015 A maximum

Ordering Information

Model	Description
CTX-95	City tie expander provides one reverse polarity city connection for addressable loop. XP95 protocol compatible.
70839	Trim ring for flush-mounting CTX-95.