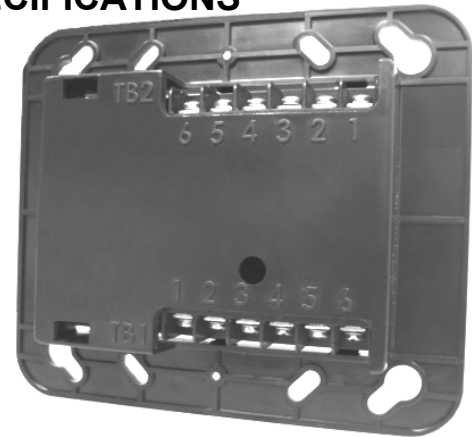


Peripheral Devices

Intelligent Control Point Device Model HCP

ARCHITECT AND ENGINEER SPECIFICATIONS

- Intelligent device for use with various Siemens – Fire Safety fire-alarm control panels (FACPs)
- Used as a telephone zone, speaker zone or notification appliance circuit (NAC)
 - Provides 24VDC NACs when used with a Siemens FACP
 - Used as a NAC under the Siemens – Fire Safety NAC product line
 - Provides either a 25V (35 Watts) or 70.7V (25 Watts) single-channel speaker zone (used with Siemens' XLS FACP only)
 - Provides firefighters' telephone circuit (used with Siemens' XLS FACP only)
- Polarity insensitive with SureWire™ technology
- Mounts on standard electrical box
 - 4" square or double gang
- No mechanical-address programming required
- Includes a dial-tone generator for telephone usage



- Supervised input and output power
- UL Listed, ULC Listed; CSFM and NYC Fire Dept. Approved

Product Overview

Model HCP from Siemens – Fire Safety is an intelligent control point device designed for use with various Siemens – Fire Safety FACPs, as well as with the Siemens – Fire's NAC series of alarm signaling devices.

Model HCP can be configured as an independent, remotely located telephone zone, speaker zone or NAC. Model HCP is programmed and tested using the Device Programming / Test Unit (Model DPU), which eliminates the need for mechanical-addressing mechanisms (i.e. – program jumpers, DIP switches or rotary dials).

Model HCP is supervised for loss of 24VDC input power, as well as short-or-open output-zone wiring. Model HCP mounts in a standard double-gang or 4" square electrical box.

When Model HCP is programmed as a speaker zone, the high-power audio risers are supervised using the Model ZAC-40 zone amplifiers. Programmed as a telephone zone, the telephone riser is supervised by the (8) Eight-Zone Telephone Card (Model TZC-8).

Note: Telephone application is not approved for use in Canada.

Specifications

Model HCP communicates through the analog loop of Models DLC and FS-DLC, and can be wired either Class A (Style Z) or Class B (Style Y). The 24 VDC power input comes from either the FACP or from any UL Listed power-limited, auxiliary power supply.

For FireFinder XLS systems, compatible power supplies for the intelligent control point device are:

- Model PSC-12
- Model PSX-12
- Model PAD-3, or
- Any power-limited, 24 VDC power supply that is UL Listed for fire-protective signaling use

For MPC / FS-250 line of FACPs, compatible power supplies are as follows:

- Siemens NAC circuits
- Model PAD-3, or
- Any power-limited, 24 VDC power supply that is UL Listed for fire-protective-signaling use

Up to 60 Model HCP devices can be wired to a given loop on a FireFinder XLS or FS-250 panel.

Note: The maximum NAC load that may be connected to a Model HCP device is 1.5 Amps at 24VDC.

Specifications – (continued)

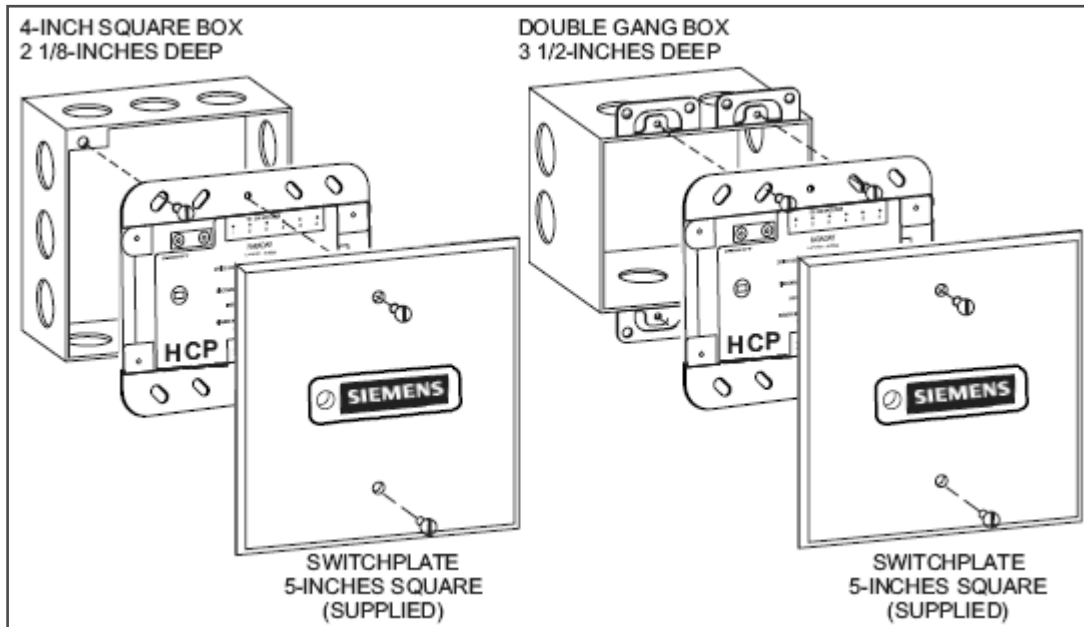
For the 50-point, 252-point and 504-point fire systems, compatible power supplies include:

- Siemens NAC circuits
- Model PAD-3, or
- Any power-limited, 24 VDC power supply that is
 ©UL Listed for fire-protective-signaling use

Up to 60 Model HCP devices can be wired to a given loop on a 50-point, 252-point or 504-point fire system.

Note: The maximum NAC load that may be connected from Model HCP into a 50-point, 252-point or 504-point fire system is 1.50 Amps at 24VDC.

Mounting Diagram



1. Use a standard 3-1/2"-deep, double-gang electrical switchbox or a 4"-square electrical box that is 2-1/8" deep with either a 1-1/2"-deep extension or a 1-1/4"-deep plaster-ring extension.
2. Connect the field wiring. Insert Model HCP into the box and fasten the device plate to the box.
3. Cover the device front plate with the 5" switchplate (supplied) and fasten with two (2) plate screws.

Temperature and Humidity Range

The intelligent control point device is ©UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative-humidity range of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.

Details for Ordering

Model Number	Part Number	Description
HCP	500-034860	Intelligent Control Point Device

Note: Refer to Siemens P/N: 315-096363 for the list of compatible Siemens notification appliances.