



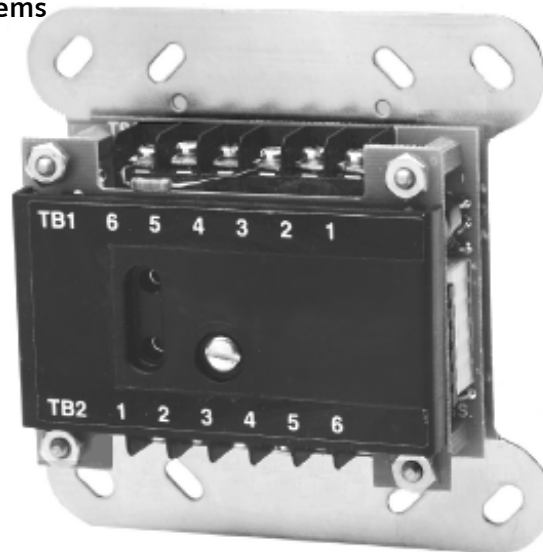
FireFinder™ XLS and MXL Panels

Intelligent [B6 Chip] Control Point

Model ICP-B6

ARCHITECT AND ENGINEER SPECIFICATIONS

- Intelligent control point for FireFinder XLS and MXL systems
 - Used as an independent, remotely located speaker zone or NAC for FireFinder XLS and MXL systems
- Used as a telephone zone for the MXL panel
- Provides either a 25V (35 Watts) or 70.7V (25 Watts) single-channel speaker zone
- Provides 24VDC indicating appliance circuits
- Internally power limited using self-restoring, solid-state thermal devices
- Supervised DC input
- Mounts on standard electrical box
 - 4" square or double gang
- No mechanical-address programming required
- UL Listed, ULC Listed;
CSFM, NYMEA and City of Chicago Approved




Product Overview

Model ICP-B6 provides an intelligent control point for FireFinder XLS and MXL systems. For both FireFinder XLS and MXL panels, Model ICP-B6 can be programmed as an independent, remotely located speaker zone or NAC. Model ICP-B6 is designed for use only with the Siemens – Fire Safety NAC product line. Model ICP-B6 can also work as a remote telephone zone, via the MXL panel.

Model ICP-B6 is addressed using the Device Programming / Test Unit (Model DPU). Model DPU eliminates the need for mechanical-addressing mechanisms, such as program jumpers, DIP switches or rotary dials. The output for Model ICP-B6 is inherently power limited – using solid state, self-restoring thermal devices.

Model ICP-B6 communicates through the analog loop and can be wired either Class A (Style Z) or Class B (Style Y). Model ICP-B6 mounts in a standard double-gang, 4-inch-square electrical box.

SIEMENS Industry, Inc.
Building Technologies Division

The 24 VDC power input comes from either Model MMB; Model SMB; Model PSC-12, Model PSR or from any UL Listed power limited, auxiliary power supply. This 24VDC input into Model ICP-B6 allows Model ICP-B6 to have self-supervision, so that power wiring may include branch circuits.

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

Model ICP-B6 can be programmed by MXL's **AccuLINK** software, or by the XLS system's *Zeus* programming-configuration tool.

Specifications

Field-mounted signal, speaker and strobe circuits for FireFinder XLS and MXL systems shall be provided by Model ICP-B6. Model ICP-B6 shall provide the ability to be independently activated by FireFinder XLS and MXL systems, via custom logic programming.

Up to 12 Model ICP-B6s can be connected to each analog loop of FireFinder XLS and MXL systems. Each Model ICP-B6 shall occupy one (1) analog-loop address. Model ICP-B6 shall support both Class A and Class B wiring.

Intelligent Control Point **5065**

Specifications – (continued)

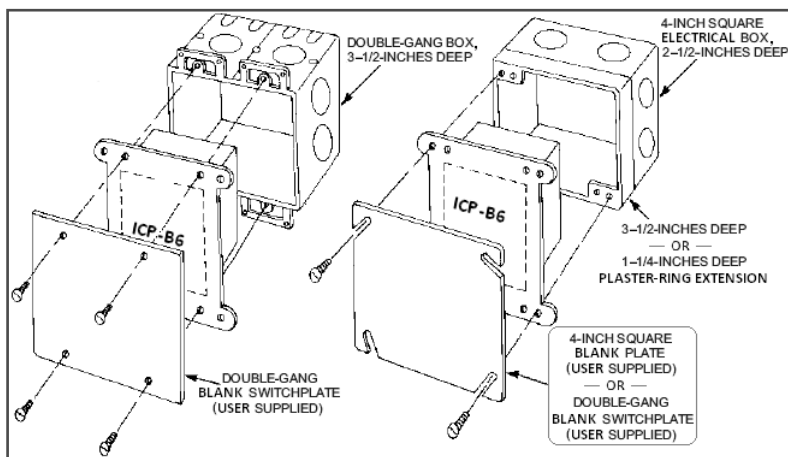
Model ICP-B6 shall require a 24 VDC power input from either Model MMB; Model SMB; Model PSC-12, Model PSR or from any UL Listed power-limited, auxiliary power supply. The 24 VDC power input shall allow self-supervision for Model ICP-B6.

Model ICP-B6 shall be mounted in either a 4"-square electrical box, or in a standard 3-1/2"-deep double-gang electrical switchbox. Model ICP-B6 shall be immune to RFI / EMI.

Temperature and Humidity Range

Model ICP-B6 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).

Mounting Diagram



1. Use a standard 3-1/2"-deep, double-gang electrical switchbox or a 4"-square electrical box that is 2-1/2" 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 ICP-B6 into the box and fasten the device plate to the box.

3. Cover the device front plate with a 4" plate (user supplied) and fasten with two (2) plate screws.

Note: When using the double gang switchbox or the plaster ring extension, use the same four screws to fasten both the module and the blank plate (user supplied).

Electrical Ratings

[Model ICP-B6 used as a strobe module] –

Input DC supply: 24VDC, 18mA, max
Activated output: 24VDC, 1.5A, power limited
Analog loop input: 30VDC, 1.1mA, max

[Model ICP-B6 used as a telephone-zone module] –

Input DC supply: 24VDC, 18mA, max
Activated output: 11VDC, 70mA, power limited
Analog loop input: 30VDC, 1.1mA, max

[Model ICP-B6 used as a 70.7V speaker-zone module] –

Activated output: 70.7V, 25W of audio output, max power limited
Analog loop input: 30VDC, 1.1mA, max

[Model ICP-B6 used as a 25V speaker-zone module] –

Activated output: 25V, 35W of audio output, max power limited
Analog loop input: 30VDC, 1.1mA, max

Installation and Operation Manuals [IOMs]

Model Number	Part Number	Description
ICP-B6	315-095306	Intelligent Control Point Device [B6 Chip]

Note: For further details, refer to MXLV IOM manual, 315-092036.

Related Documentation

Product	Data Sheet Number
ALD-2I	5036
MLC	6354

Details for Ordering

Model Number	Part Number	Description
ICP-B6	500-895303	Intelligent Control Point Device [B6 Chip]

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

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.