

CSP-LSP

Cresnet® Lightning Strike Protector

The CSP-LSP is an accessory designed to protect a Crestron control system from lightning surges and other electrical disturbances brought through the Cresnet control line. Four-stage lightning suppression provides superior protection against damage to the control system caused by lightning strikes to remote Cresnet devices and wiring, especially outdoor equipment and underground cabling. It is also effective for protection against transients picked up by indoor networks in any facility that is particularly prone to near lightning strikes.

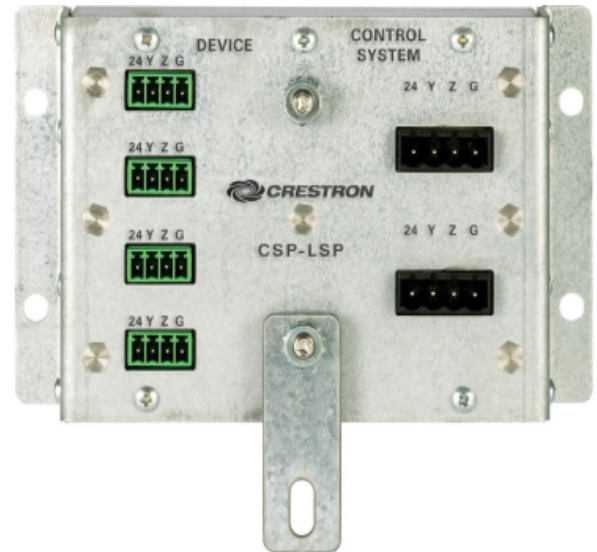
The CSP-LSP provides protection for a single control system and any portion of its Cresnet network. It may be located near the central

equipment cabinet to protect only the control system and centralized devices, or it may be installed at the point of entry from an outdoor

Cresnet cable to protect the entire indoor Cresnet network. For networks that span multiple buildings, a separate CSP-LSP can be installed in each

building to protect all of the local devices within each building. The CSP-LSP is designed for mounting to a wall or similar flat surface.

Two protected CONTROL SYSTEM ports are provided, paralleled for easy daisy-chaining to a second CSP-LSP or other Cresnet equipment. Four paralleled DEVICE ports accommodate the connections from one or more remote Cresnet wire runs. Two #10 ground lugs provide for termination of



CONTROL SYSTEM: (2) 4-pin 5mm detachable terminal blocks;

Environmental

Temperature: -40° to 194°F (-40° to 90°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Zinc plated steel surface mount box with (2) integral mounting flanges

Dimensions

Height: 1.83 in (4.65 cm)

Width: 5.64 in (14.32 cm)

Depth: 3.40 in (8.64 cm)

Weight

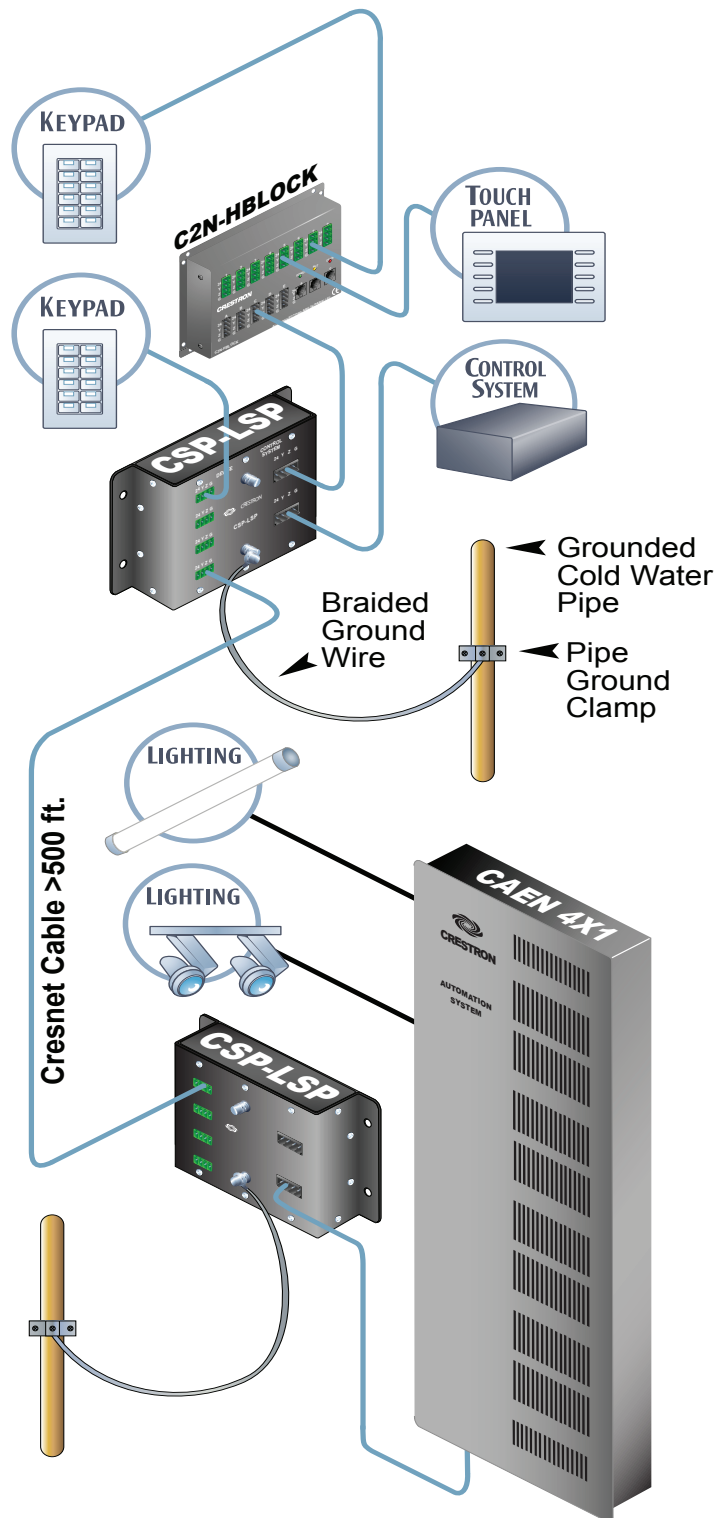
1.17 lb (0.53 kg)

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CSP-LSP Application 1

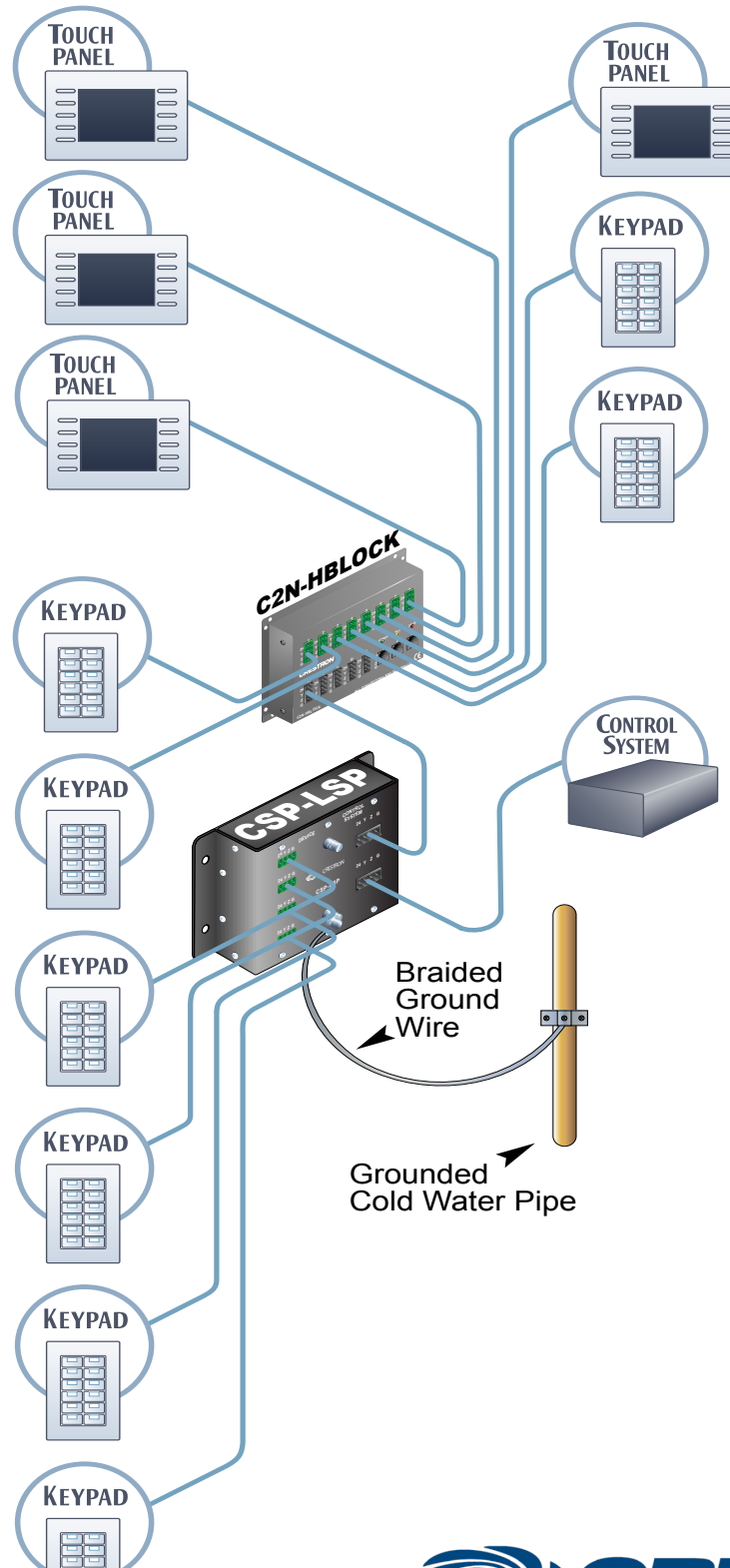
Protecting Control and Automation Systems in a Single Location



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CSP-LSP Application 3 Protecting Control Systems with Multiple Interfaces

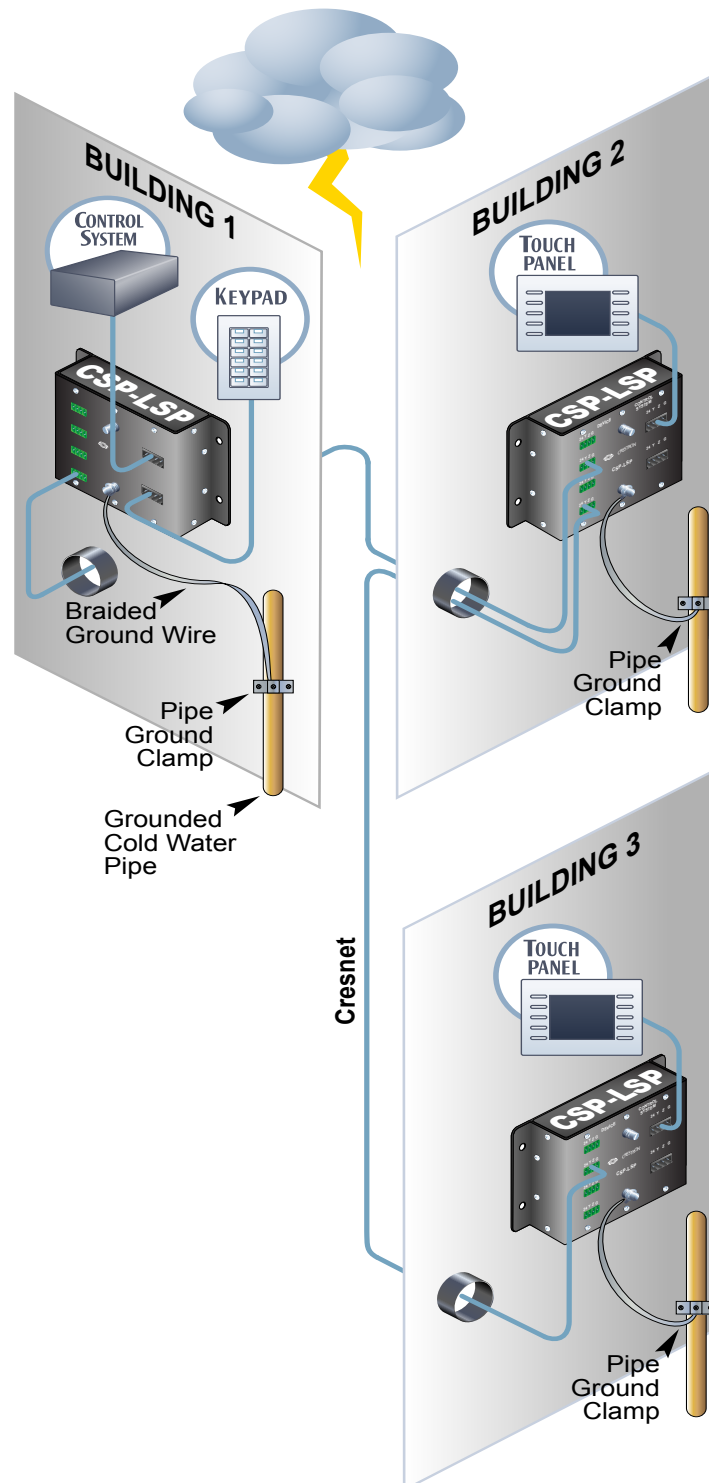


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CSP-LSP Application 2

Protecting Control and Automation Systems in Three Locations



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