

Service Entrance Surge Protection



Eaton's Type 2 Complete Home Surge Protection (CHSP) products are UL® 1449 3rd Edition Listed and provide the highest level of surge protection and safety.

Type 2 surge products are permanently connected devices that are installed on the load side of the service entrance overcurrent protective device.

Eaton's Surge Protective Devices:

- Include the industry's most complete line of products
- Provide superior protection for sensitive electronics
- Carry comprehensive warranty coverage

Choose From:

- Factory mounted designs
- Field installed options
- Universal products available to be mounted to any manufacturer's loadcenter
- Mounting accessories

Additional Protection:

Electrical surges can travel on your electrical, telephone and cable lines, and through your electronic equipment causing damage. CHSP Type 2 product line includes:

- Telephone and Cable SPDs

Surge Protection at the Service Entrance Panel

All products below provide AC Power Protection, LED Status Indication, a Limited Lifetime Warranty, and are suitable for Indoor/Outdoor applications when properly installed. Ratings include: UL 1449 3rd Edition Listed, cUL Listed, Voltage Protection Rating: 600V L - N, 1000V L - L, 800V N - G and 600V L - G, 120/240 Vac and 50/60 Hz.



CHSPT2ULTRA (BEST)

- 20kA (I_n) Nominal Discharge Current ^①
- 108kA Surge Current Capacity Per Phase Rating ^②
- *\$75,000 Warranty



CHSPT2MAX (BETTER)

- 10kA (I_n) Nominal Discharge Current
- 72kA Surge Current Capacity, Per Phase Rating
- *\$50,000 Warranty



CHSPT2MICRO (GOOD)

- 5kA (I_n) Nominal Discharge Current
- 36kA Surge Current Capacity, Per Phase Rating
- *\$25,000 Warranty

All products below are UL/cUL Listed, offer a Limited Lifetime Warranty and are suitable for indoor cable or phone applications when properly installed.



CHSPCABLE

- Protects 2 quad shield cables
- Bi-directional cable
- 10kA Surge Current Capacity, Per Line
- 145V DC Breakdown Voltage
- *\$10,000 Warranty



CHSPTELE

- Protects 4 telephone lines
- 20kA Surge Current Capacity, Per Line
- 230V DC Breakdown Voltage
- Ring 90-120 Vac / Tone 48-52 Vdc
- *\$10,000 Warranty



CHSPT23PACK (Combo Pack)

- Protects AC Power, Cable and Telephone
- 3-Pack includes CHSPT2ULTRA, CHSPCABLE and CHSPTELE
- See individual product features for details

* Warranty amount is for connected equipment. For warranty details and product information visit, www.eaton.com/surgetrap.

Surge Circuit Breakers and Loadcenters

All circuit breakers below offer Basic AC Surge Protection, a 1 Year Limited Product Warranty and are suitable for Indoor/Outdoor applications when properly installed. Ratings Include: UL 1449 3rd Edition Listed, CSA Listed, Voltage Protection Rating: 600V L - N and 1000V L - L, 120/240 Vac and 50/60 Hz.



BRSURGE

- 3kA (I_n) Nominal Discharge Current
- 18kA Surge Current Capacity, Per Phase Rating
- UL Listed for 1" BR Type Loadcenters
- UL Classified for GE® and Siemens® Type Loadcenters



CHSA

- 3kA (I_n) Nominal Discharge Current
- 18kA Surge Current Capacity, Per Phase Rating
- UL Listed for 3/4" CH Type Loadcenters



CHQSA

- 3kA (I_n) Nominal Discharge Current
- 18kA Surge Current Capacity, Per Phase Rating
- UL Classified for Square D® Type QO™ Loadcenters

Surge Loadcenter

- Includes a CHSPT2ULTRA and a 2-pole 15 Amp circuit breaker
- Increases the effectiveness of surge protection due to reduced lead length
- A modified deadfront allows for easy viewing of indicating lights



SURGE INSTALLED**

Surge Ready Loadcenter

- Provides a mounting provision for CHSPT2ULTRA
- A modified deadfront allows for easy viewing of indicating lights



SURGE READY**

** See "Surge Protection" Tab in the Eaton catalog for available catalog numbers.

CHSP Product Accessories

CHSP3RTELCABLE

- Raintight enclosure for CHSPCABLE and CHSPTELE
- Top or bottom feed
- Enclosure only, surge not included
- Accommodates up to 2 devices



CHSPFMKIT

- Flush mount kit for:
 - CHSPT2ULTRA
 - CHSPT2MAX
 - CHSPT2MICRO
 - CHSPCABLE
 - CHSPTELE



① In: Nominal Discharge Current is the current that the device can withstand for 15 impulses.

② Surge Current Capacity: The maximum amount of surge current the device can shunt to ground during a surge event on one phase.

Warranty

- Limited Lifetime and Connected Equipment Warranty on all CHSP Type 2 products.
- 1 Year Limited Product Warranty on BR & CH Surge Breakers.
- For complete warranty details visit our website at, www.eaton.com/surgetrap.

Ordering information

- Contact your local distributor or sales representative for purchasing information.
- For additional information please contact 1-877-ETN-CARE.



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