

Stage I: 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: 400 V Clamping Voltage, UL/cUL® Listed, <1 Nanosecond response time, 120/240 Vac, 50/60 Hz.



CHSPULTRA (BEST)

- AC Power Protection
- 2880 Joules (Total)
- 180 kA Max Surge Current
- ⚡\$75,000 Warranty



CHSPMAX (BETTER)

- AC Power Protection
- 2400 Joules (Total)
- 150 kA Max Surge Current
- ⚡\$50,000 Warranty



CHSPMICRO (GOOD)

- AC Power Protection
- 1920 Joules (Total)
- 120 kA Max Surge Current
- ⚡\$25,000 Warranty

CHSPULTRA, MAX, and MICRO will universally connect to any manufacturer's loadcenter.

All products below offer a Limited Lifetime Warranty and are suitable for Indoor cable or phone applications when properly installed. Ratings include: UL/cUL Listed, <1 Nanosecond response time.



DCXCAB2 (CABLE)

- Protects 2 quad shield cables
- 20 kA Max Surge Current
- DC breakdown voltage 145 V
- ⚡\$10,000 Warranty



DHW4PT (TELEPHONE)

- Protects 4 telephone lines
- 80 kA Max Surge Current
- DC breakdown voltage 230 V
- Ring 90 – 120 Vac / Tone 48 – 52 Vdc
- ⚡\$10,000 Warranty



CHSPCHSR4P (3 Pack)

- Includes CHSPULTRA (AC), DCXCAB2 (Cable), and DHW4PT (Telephone)

All products below offer a 1 Year Limited Product Warranty and are suitable for Indoor/Outdoor applications when properly installed.



CHSA

- Basic AC Surge Protection
- 480 Joules
- UL Listed for 3/4" CH Type Loadcenters



BRSURGE

- Basic AC Surge Protection
- 480 Joules
- UL Listed for 1" BR Type Loadcenters
- UL Classified for GE® and Siemens® Type Loadcenters



CHQSA

- Basic AC Surge Protection
- 480 Joules
- UL Classified for Square D® Type QO™ Loadcenters



CHSA01 (Single Phase)

- Basic AC Surge Protection for single phase outdoor lighting, garages, sump and irrigation pumps



CHSA03 (Three Phase)

- Basic AC Surge Protection for three phase commercial electrical services

⚡ Warranty amount is for connected equipment. See Warranty document for details.

Surge Loadcenters

Factory Installed Surge Protection

- Includes a CHSPULTRA 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

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



SURGE READY

SURGE INSTALLED LOADCENTERS			
Catalog No.	Description	Cover Catalog No. Combination	Surface
CHSUR42N225L *	42 ckt, 225A, Convertible	CHSUR8LF	CHSUR8LS
CHSUR42L225L2 *	42 ckt, 225A, Convertible**	CHSUR8LF	CHSUR8LS
CHSUR42B200L2 *	42 ckt, 200A, Main Bkr	CHSUR8LF	CHSUR8LS
CHSUR32N225K *	32 ckt, 225A, Convertible	CHSUR8KF	CHSUR8KS
CHSUR32L225K *	32 ckt, 225A, Convertible**	CHSUR8KF	CHSUR8KS
CHSUR32B200K *	32 ckt, 200A, Main Bkr	CHSUR8KF	CHSUR8KS
CHSUR32B150K *	32 ckt, 150A, Main Bkr	CHSUR8KF	CHSUR8KS
CHSUR32B100K *	32 ckt, 100A, Main Bkr	CHSUR8KF	CHSUR8KS
CHSUR24L125E *	24 ckt, 125A, Convertible**	CHSUR8EF	CHSUR8ES
CHSUR24B100E *	24 ckt, 100A, Main Bkr	CHSUR8EF	CHSUR8ES
BRSUR4040N200	40/40 ckt, 200A, Convertible	Cover Included	
BRSUR4040L200	40/40 ckt, 200A, Main Lug	Cover Included	
BRSUR4040B200	40/40 ckt, 200A, Main Bkr	Cover Included	
BRSUR3040N200	30/40 ckt, 200A, Convertible	Cover Included	
BRSUR3040L200	30/40 ckt, 200A, Main Lug	Cover Included	
BRSUR3040B200	30/40 ckt, 200A, Main Bkr	Cover Included	
* Order Cover Separately		** With Main Lugs Installed	

SURGE READY LOADCENTERS (Provision only, CHSPULTRA & breaker not included)			
Catalog No.	Description	Cover Catalog No. Combination	Surface
CHEC42N225L*	42 ckt, 225A, Convertible	CHSUR8LF	CHSUR8LS
CHEC42L225L*	42 ckt, 225A, Convertible**	CHSUR8LF	CHSUR8LS
CHEC42B200L*	42 ckt, 200A, Main Bkr	CHSUR8LF	CHSUR8LS
CHEC32L225K*	32 ckt, 225A, Convertible**	CHSUR8KF	CHSUR8KS
CHEC32N225K*	32 ckt, 225A, Convertible	CHSUR8KF	CHSUR8KS
CHEC32B200K*	32 ckt, 200A, Main Bkr	CHSUR8KF	CHSUR8KS
CHEC32B150K*	32 ckt, 150A, Main Bkr	CHSUR8KF	CHSUR8KS
CHEC32B100K*	32 ckt, 100A, Main Bkr	CHSUR8KF	CHSUR8KS
CHEC24L125E*	24 ckt, 125A, Convertible**	CHSUR8EF	CHSUR8ES
CHEC24B100E*	24 ckt, 100A, Main Bkr	CHSUR8EF	CHSUR8ES
* Order Cover Separately      ** With Main Lugs Installed			

CHSP Product Accessories



CHSP3RTLCABLE

- Raintight enclosure for DCXCAB2 (Cable) and DHW4PT (Telephone)
- Top or bottom feed
- Enclosure only, surge not included
- Accommodates up to 2 devices



CHSPFMKIT

- Flush mount kit for:
  - CHSPULTRA
  - CHSPMAX
  - CHSPMICRO
  - DCXCAB2 (Cable)
  - DHW4PT (Telephone)



MSEGR1

- Outdoor communication grounding device
- Meets 2008 NEC® requirements for intersystem bonding termination