

# Eaton surge protective devices

## Complete home surge protection

### What is a surge? Why do you need protection?

A surge is an electrical disturbance that travels through your AC power, telephone and cable lines, potentially damaging home electronics and appliances.

### Where do surges typically come from?

Indirect lightning, utility disturbances and home appliances turning on/off.

### Surge application per 2020 NEC® 230.67:

- A surge protective device (SPD) shall be installed in all new and replacement services supplying dwelling units
- Shall be a Type 1 or Type 2 SPD
- Shall be attached to the service equipment or immediately adjacent (refer to NEC 230.67 for exceptions)

Description	Basic	Basic	Better	Best	Best
Suggested product	Meter main surge	Surge modules	Surge breakers	Surge bricks	Surge metering
Catalog numbers	1PMBSURGEKT, 3PMBSURGEWYEKT	BRPSURGE, BRNSURGE, CHPSURGE, CHNSURGE, CLNSURGE	BR230SUR, BR250SUR, CHN230SUR, CHN250SUR	CHSPT2ULTRA, CHSPT2SURGE10*, CHSPT2SURGE**	1MMSURGE_, 3MMSURGE_
Nominal discharge current	20 kA	3 kA	10 kA	20 kA, 10 kA*, 5 kA**	20 kA
Surge current capacity per phase	50 kA	18 kA	38 kA	108 kA, 60 kA*, 36 kA**	100 kA, 200 kA, 300 kA
Circuit breaker required	N/A	No	No	2-pole 50 A, 2-pole 15 A*, 2-pole 15 A**	N/A
Branch spaces used	N/A	2	2	2	N/A
Warranty	2 year product	1 year limited product warranty for surge protective devices	5 year limited product Equipment up to \$25,000	CHSPT2ULTRA: Limited Lifetime Equipment up to \$75,000 *CHSPT2SURGE10: 10 year Equipment up to \$50,000 **CHSPT2SURGE: 5 year Equipment up to \$25,000	10 year product with registration
BR PON / BR legacy	N/A	Yes	Yes	Either	N/A
CH PON / CH legacy	N/A	Yes	Yes	Either	N/A
Classified listing	N/A	Yes	No	Works in any manufacturer's loadcenter	N/A
Application	Group metering	Loadcenter, meter breaker	Loadcenter, meter breaker	Loadcenter, meter breaker	Group metering

