



SurgePro™

AC power surge protective device

Benefits

- AC power surge protective device for the entire home or office – computers, TV, appliances and all other sensitive electronic equipment
- Mitigates against surge damage caused by lightning and utility switching events
- Installs in your GE PowerMark™ load center (the best location for protecting all AC circuits in your home) directly onto the bus
- Up to 50,000 amps of surge protective strength
- Meets newest UL 1449 4th edition surge protection requirements
- 3-year, \$15,000 connected equipment warranty (from date of purchase) when installed according to NEC® electrical and safety codes on cULus approved equipment
- Can be installed to meet NEC® 2020 Art. 230.67 SPD requirements for dwelling units at or adjacent to service entrances.

Product features

- Single phase, three wire, 120/240 VAC, 50 kA rated
- UL 1449 4th edition listed (VZCA:E316636 and VZCA7:E316636) as a Type 1 SPD with a 100 kA SCCR rating
- Monolithic, high energy metal oxide varistors per mode with integral thermal and overcurrent protection
- Illuminated LED indicates proper function of protective elements



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Technical data

The THQLSURGE is designed for service entrance or subpanel locations. It provides small, easy to install surge protection for the entire home or office. The surge protective device consists of monolithic, high energy metal oxide varistors per mode with integral thermal and overcurrent protection. An illuminated LED indicates the proper function of the protective elements. The THQLSURGE conveniently connects inside the GE PowerMark load center, directly onto the bus, like a circuit breaker, providing surge protective elements for the entire panel and all attached loads.

Catalog number	Total surge current rating ¹	Per mode surge current rating ²	System voltage 50/60 Hz	Transient energy rating, 10/1000 μ S, total	Nominal discharge current I _n	Configuration	UL 1449 4th edition Voltage Protection Rating (VPR)			
							L-N	N-G	L-G	L-L
THQLSURGE	50 kA	25 kA	120/240 V	1520 J	10 kA	1 ph 3 wire	500 V	–	–	900 V

¹ Total surge rating is defined as the maximum surge current in the entire device for a single pulse 8/20 μ S

² Per mode defined as varistor surge current, single pulse 8/20 μ S

THQLSURGE

- Up to 225 amp load centers
- SCCR to 100 kA
- For use in GE load centers
- Can be used to meet NEC® 2020 Art. 230.67

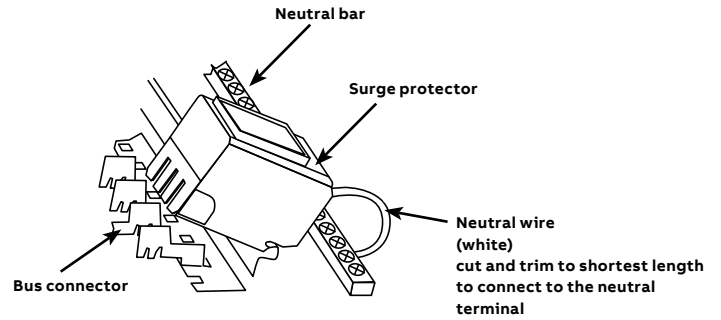


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