

## THQLSURGE2

### Surge protective device



Surge protective device for the entire home or office – computers, TV, appliances and all other sensitive electronic equipment

#### Benefits

- Mitigates against surge damage caused by lightning and utility switching events
- Installs in your ABB PowerMark™ load center (the best location for protecting all AC circuits in your home) directly onto the bus
- Up to 25,000 ampere surge capacity per phase
- Meets newest UL 1449 5th edition surge protection requirements
- 3-year, \$25,000 connected equipment warranty (from date of purchase) when installed according to NEC® electrical and safety codes on UL and cUL approved equipment
- Can be installed to meet NEC® 2023 SPD requirements for dwelling units at or adjacent to service entrances.

#### Product features

- Single phase, three wire, 120/240 VAC, 25 kA per phase rated
- UL 1449 5th edition listed as a Type 1 SPD with a 22 kA SCCR rating
- Monolithic, high energy metal oxide varistors per phase with integral thermal and overcurrent protection
- Illuminated LED indicates proper function of protective elements

### Technical data

The THQLSURGE2 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 phase with integral thermal and overcurrent protection.

An illuminated LED indicates the proper function of the protective elements. The THQLSURGE2 conveniently connects inside the ABB 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	Per phase surge current rating <sup>1</sup>	System voltage 50/60 Hz	Transient energy rating, 10/1000 μS, total	Nominal discharge current In	Configuration	UL 1449 5th edition Voltage Protection Rating (VPR)			
						L-N	N-G	L-G	L-L
THQLSURGE2	25 kA	120/240 V	1520 J	10 kA	1 ph 3 wire	600 V	-	-	1000 V

<sup>1</sup> Per phase defined as varistor surge current, single pulse 8/20μS

### THQLSURGE2

- Up to 225 amp load centers
- SCCR tested up to 22 kA
- For use in PowerMark™ load centers
- Can be used to meet NEC® 2023

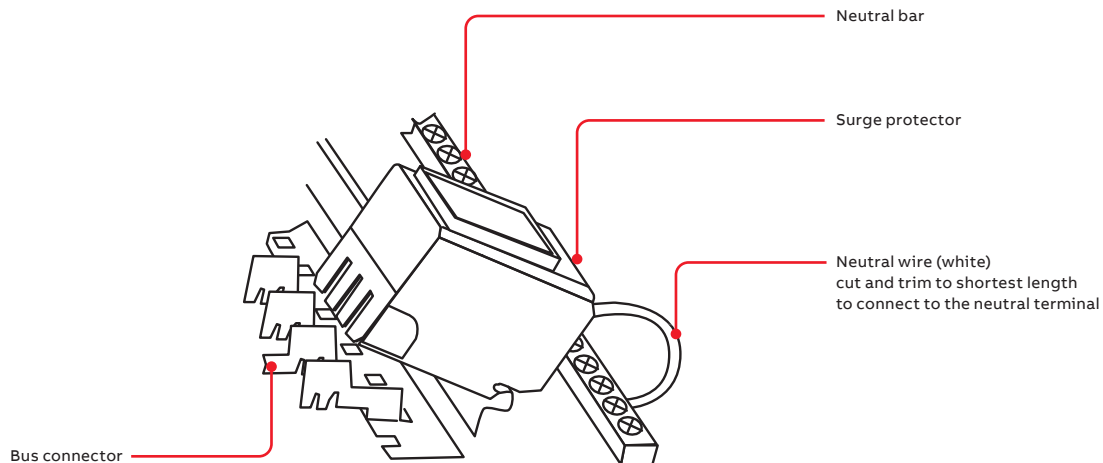


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