



## EATON

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## BR Surge Breaker

The Eaton BR Surge Breaker is designed to provide complete home surge protection for sensitive electronics and appliances from the damaging effects of surges. In addition to surge protection, the BR surge breaker is a functional 2-pole thermal magnetic breaker providing protection for overloads and short circuits.

The combination of circuit protection and surge protection provides flexibility and space savings in the load center.

### Features and Benefits

- Complete home surge protection for all circuits plus a functional 2-pole thermal magnetic breaker
- Direct connection to the busbar provides superior protection and easy installation for new construction or renovation
- Meets both UL 489 as well as UL 1449 3rd Edition for Surge protection
- LEDs provide protection status
- Eliminates the potential for incorrect installation of externally mounted surge devices - (longer "lead" lengths can reduce protection levels)
- Available in 30 and 50 amp versions
- 36kA surge current capacity rating
- 5-year limited product warranty and \$25,000 home connected equipment warranty

### BR Surge Breaker Ratings and Definitions

#### Ratings:

- Voltage: 120/240
- Single-Phase
- Hz: 50/60
- MCOV: L-N 150 V, L-L 300 V
- VPR: L-N 600 V, L-L 1000 V
- In: 10k
- SCCR: 10k
- Surge Current Capacity Per Phase:  
36 kA (L1- N 36 kA, L2- N 36 kA)

#### Definitions:

- MCOV: Maximum Continuous Operating Voltage that may be applied to the device per mode
- VPR: Voltage Protection Rating is the measured limiting voltage after a surge event
- In: Nominal; Discharge Current is the current that the device can withstand for 15 impulses
- SCCR: The amount of current the product can withstand under short-circuit conditions
- Surge Current Capacity: The maximum one time surge current rating per phase

Contact your Pepco Sales Rep for more information about this product.