

Eaton Complete Home Surge Protection

Complete Home Surge Protection

EATON

Powering Business Worldwide

What is a surge?

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 come from?

Surges can be generated internally and externally of the home.

⚡ External Surges

- Downed or damaged utility lines
- Lightning*
- Utility grid transfers
- Intentional power outages

⚡ Internal Surges – Motors turning on/off

- Refrigerators
- Dryers
- Garage door openers
- AC units – compressors
- HVAC – fans
- Shop tools – Air compressors, miter saws etc.

* Does not protect against direct strikes

🛡 Complete home surge protection

The average home could have over \$15,000 worth of valuable electronics and sensitive electronics within appliances, which are susceptible to the damaging effects of internal and external surges.

- **Televisions** – \$2,000
- **Home Office** – \$1,700
- **Stereo systems & Entertainment centers** – \$1,400
- **Refrigerators** – \$1,500
- **Electric Ranges** – \$1,000
- **Dishwashers** – \$750
- **Washers & Dryers** – \$1,500
- **Microwaves and countertop appliances** – \$400
- **Air Conditioners/HVAC** – \$4,000
- **Portable gaming and mobile devices** – \$1,000

Eaton BRPSURGE

Catalog Number: BRPSURGE

Eaton Type BR circuit breaker surge protective device, Two Pole, Plug-on Neutral Surge Protective Device



General specifications

| | |
|--|----------------|
| Product Name | Catalog Number |
| Eaton Type BR plug on module surge protection device | BRPSURGE |
| | UPC |
| | 786689353643 |
| Product Length/Depth | Product Height |
| 3.6 in | 2.4 in |
| Product Width | Product Weight |
| 3.5 in | 0.35 lb |
| Certifications | |
| cUL Certified | |
| UL 1449 | |

Type

Type BR

Frequency rating

50/60 Hz

Interrupt rating

10 kAIC

Nominal Discharge Current

3 kA

Protection

L-N, L-L

Measured limiting voltage

500 V

Maximum continuous operating voltage

150 V L-N, 300 V L-L

Surge current

18 kA

Short-circuit rating

10 kA

Brochures

[Product Family Guide](#)[Eaton Solutions, Publication No. SA00404006E / VCG1302](#)[Eaton Surge Module Product Aid](#)[Complete Home Protection, Publication No. BR00414002E / VCG1502](#)[Complete Home Protection, Publication No. FL010001EN / 3PC](#)[Storm season is coming. Are you prepared?](#)

Installation instructions

[Surge Module IL](#)

Specifications and datasheets

[Eaton Specification Sheet - BRPSURGE](#)

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia