

# Specifications



Photo is representative



## Eaton FRS-R-450

Eaton Bussmann Series Class RK5 fuse, FRS-R, time-delay, dual-element, current limiting fuse, 450 A, non-indicating fuse, interrupting rating of 200 kA at 600 Vac and 20 kA at 300 Vdc

### General specifications

|                      |                                  |
|----------------------|----------------------------------|
| PRODUCT NAME         | Eaton Bussmann series FRS-R fuse |
| CATALOG NUMBER       | FRS-R-450                        |
| UPC                  | 051712508544                     |
| PRODUCT LENGTH/DEPTH | 13.38 in                         |
| PRODUCT HEIGHT       | 3.13 in                          |
| PRODUCT WIDTH        | 3.13 in                          |
| PRODUCT WEIGHT       | 0.001 lb                         |
| WARRANTY             | Not Applicable                   |
| COMPLIANCES          | CE Marked                        |
| PRODUCT TYPE         | Fuse                             |

## Electrical rating

|                         |                                           |
|-------------------------|-------------------------------------------|
| <b>AMPERAGE RATING</b>  | 450 A                                     |
| <b>INTERRUPT RATING</b> | 20 kAIC at 300 Vdc<br>200 kAIC at 600 Vac |
| <b>RESPONSE TIME</b>    | 10 sec at 500%                            |
| <b>VOLTAGE RATING</b>   | 600 Vac, 300 Vdc                          |

## General information

|                       |                       |
|-----------------------|-----------------------|
| <b>CLASS</b>          | Class RK5             |
| <b>CONNECTION</b>     | Blade end x blade end |
| <b>FUSE INDICATOR</b> | Non-indicating        |

## Physical details

|                           |          |
|---------------------------|----------|
| <b>NUMBER OF ELEMENTS</b> | Dual     |
| <b>PACKAGING TYPE</b>     | Standard |

## Resources

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| CATALOGS                    | <a href="#">Low Voltage Branch Circuit Fuse Chapter</a>                               |
|                             | <a href="#">Bussmann Full Line Catalog</a>                                            |
| COMPLIANCE INFORMATION      | <a href="#">RoHS Search Tool</a>                                                      |
| MULTIMEDIA                  | <a href="#">Bussmann series Fuseology</a>                                             |
| TECHNICAL SERVICE BULLETINS | <a href="#">Bussmann series FRS-R 600 V Class R 65-600 A fuse data sheet no. 1018</a> |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

