

# Eaton E2F100RM

Catalog Number: E2F100RM

Eaton E2 mining complete molded case circuit breaker, F-frame, E2F, Complete breaker, Non-interchangeable magnetic only trip, 300-1000A trip rating, Three-pole, 100A, 600 Vac, 250 Vdc, Line and load, Mining

## General specifications



Product Name	Catalog Number
Eaton E2 mining complete molded case circuit breaker	E2F100RM
	UPC
	786679064382

Product Length/Depth	Product Height
3.38 in	6 in

Product Width	Product Weight
4.13 in	4.5 lb

Warranty	Certifications
Eaton Selling Policy 25-000, one (1) year CSA Certified from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.	UL Listed

## Product specifications

### Interrupt rating

18 kAIC at 600 Vac  
10 kAIC at 250 Vdc  
65 kAIC at 240 Vac  
25 kAIC at 480 Vac

### Frame

F

### Trip rating

300-1000 A

### Amperage Rating

100 A

### Number of poles

Three-pole

### Type

Specialty sealed

### Circuit breaker type

E2F

### Class

Mining

### Circuit breaker frame type

Complete breaker

### Terminals

Line and load

### Voltage rating

600 Vac, 250 Vdc

### Trip Type

Non-interchangeable magnetic only

### Magnetic trip range

300-1000A

## Resources

### Brochures

E2 Mining Series Sales Brochure  
1200V K, L, M-Frame E2 mining molded case circuit breakers product aid  
Eaton E2 Series mining service circuit breakers  
Breaker service center locations product aid  
Mining molded-case circuit breakers with 310+ electronic trip unit product aid

### Catalogs

Eaton's Volume 4—Circuit Protection  
Molded case circuit breakers catalog

### FAQs

MSHA policy letter for suitability, safety and performance of circuit breakers

### Multimedia

Robinson Mine Case Study: Solutions for the mining industry

### Specifications and datasheets

E2 1200 Vac - K, L, and M-Frame mining service breakers and accessories  
Eaton Specification Sheet - E2F100RM  
Digitrip 310+ vs. 310 electronic trip unit technical comparison  
Benchmark tests of factory production vs. third-party reconditioned mining molded case circuit breakers

### White papers

Understanding circuit breaker design and operation to improve safety and reliability in underground mining



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