

Typical J-Frame Breaker



Contents

Description	Page
Product Overview	V4-T2-254
Standards and Certifications	V4-T2-255
Quick Reference	V4-T2-256
G-Frame (15–100 Amperes)	V4-T2-259
F-Frame (10–225 Amperes)	V4-T2-273
J-Frame (70–250 Amperes)	
Catalog Number Selection	V4-T2-292
Product Selection	V4-T2-293
Accessories	V4-T2-296
Technical Data and Specifications	V4-T2-297
Dimensions and Weights	V4-T2-298
K-Frame (70–400 Amperes)	V4-T2-299
L-Frame (125–600 Amperes)	V4-T2-323
M-Frame (300–800 Amperes)	V4-T2-349
N-Frame (400–1200 Amperes)	V4-T2-360
R-Frame (800–2500 Amperes)	V4-T2-375
Motor Circuit Protectors (MCP)	V4-T2-394
Motor Protection Circuit Breakers (MPCB)	V4-T2-405
Type ELC Current Limiter Attachment (Size 0–4)	V4-T2-407
Current Limiting Circuit Breaker Module	V4-T2-408
Internal Accessories	V4-T2-411
External Accessories	V4-T2-444

J-Frame (70–250 Amperes)

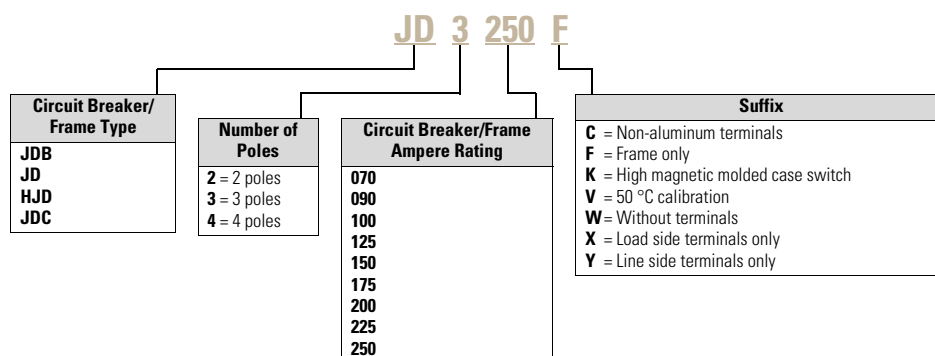
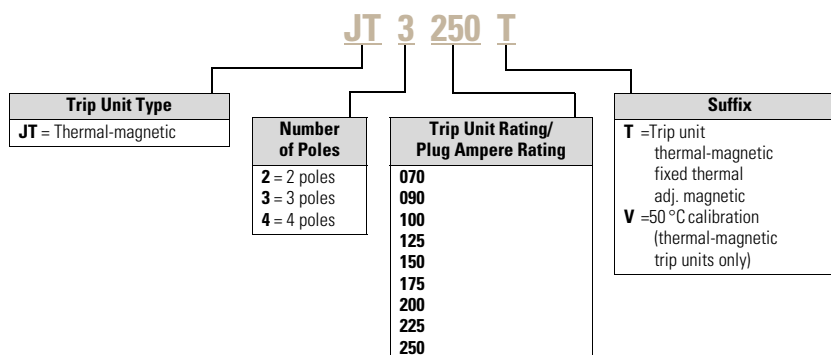
Product Description

- All Eaton’s J-Frame circuit breakers are HACR rated
- J-Frame circuit breakers are available as individual components (frame, trip unit, terminals), or factory assembled complete breakers
- J-Frame circuit breakers with non-interchangeable trip units are suitable for reverse feed use

Catalog Number Selection

This information is presented only as an aid to understanding catalog numbers.
It is not to be used to build catalog numbers for circuit breakers or trip units.

2

Circuit Breaker/Frame**Trip Unit**

Types JD, HJD and JDC Thermal-Magnetic Circuit Breakers—Frame Only

Standard Interrupting Capacity 600 Vac Rated 35 kAIC at 480 Vac Catalog Number	High Interrupting Capacity 600 Vac Rated 65 kAIC at 480 Vac Catalog Number	Ultra High Interrupting Capacity Current Limiting 600 Vac Rated 100 kAIC at 480 Vac Catalog Number
Two-Pole		
JD2250F	HJD2250F	JDC2250F
Three-Pole		
JD3250F	HJD3250F	JDC3250F
Four-Pole		
JD4250F	HJD4250F	JDC4250F

Type JDB Thermal-Magnetic Circuit Breakers with Non-Interchangeable Thermal-Magnetic Trip Units Suitable for Reverse Feed Application

Maximum Continuous Ampere Rating at 40 °C	600 Vac Rated, 250 Vdc Complete Circuit Breaker Without Line and Load Terminals Catalog Number	With Standard Line and Load Terminals Only Catalog Number
Two-Pole		
70	JDB2070W	JDB2070
90	JDB2090W	JDB2090
100	JDB2100W	JDB2100
125	JDB2125W	JDB2125
150	JDB2150W	JDB2150
175	JDB2175W	JDB2175
200	JDB2200W	JDB2200
225	JDB2225W	JDB2225
250	JDB2250W	JDB2250
Three-Pole		
70	JDB3070W	JDB3070
90	JDB3090W	JDB3090
100	JDB3100W	JDB3100
125	JDB3125W	JDB3125
150	JDB3150W	JDB3150
175	JDB3175W	JDB3175
200	JDB3200W	JDB3200
225	JDB3225W	JDB3225
250	JDB3250W	JDB3250

Molded Case Switches

Eaton's molded case switches are used as compact switches in applications requiring high current switching capabilities. Molded case switches are constructed of circuit breaker

components and are of the high instantaneous automatic type. Molded case switches are listed in accordance with Underwriters Laboratories Standard UL 489.

Molded Case Switches

Maximum Continuous Ampere Rating at 40 °C	600 Vac Maximum, 250 Vdc Complete Circuit Breaker Only Without Line and Load Terminals Catalog Number	Suitable for Reverse Feed Use Catalog Number	Standard Terminals Only See Page V4-T2-295 for Optional Terminals Catalog Number
Two-Pole			
250	JD2250KW	JDB2250KW	TA250KB ①
	HJD2250KW	HJDB2250KW	—
Three-Pole			
250	JD3250KW	JDB3250KW	TA250KB ①
	HJD3250KW	HJDB3250KW	—
Four-Pole			
250	JD4250KW	JDB4250KW	TA250KB ①
	HJD4250KW	HJDB4250KW	—

Notes

① Individually packed.

Molded case switches may open above 2500 amperes.