

J-Frame

Line and Load Terminals

Eaton's Cutler-Hammer line and load terminals provide wire connecting capabilities for specific ranges of continuous current ratings and wire types. All terminals comply with Underwriters Laboratories Standards UL 486A and UL 486B and CSA Standard C22.2 No. 65, or Electrical Bulletin 1165. Unless otherwise specified, J-Frame circuit breaker line and load terminals are shipped separately for field installation.

The bottom of the standard TA250KB terminal contains a recess which is positioned over the J-Frame circuit breaker terminal conductor.

Ordering Information

J-Frame circuit breakers use Cu/Al terminals as standard. When optional copper-only terminals are required, order by Catalog Number. Specify if factory installation is required.

Table 12-163. Line and Load Terminals

Maximum Breaker Amperes	Terminal Body Material	Wire Type	AWG Wire Range/ No. Conductors	Metric Wire Range mm ²	Catalog Number	Price U.S. \$
Standard Cu/Al Pressure Terminals						
250	Aluminum	Cu/Al	4 – 350 kcmil	25 – 185	TA250KB	
Optional Cu Pressure Terminals						
250	Stainless Steel	Cu	4 – 350 kcmil	25 – 185	T250KB	

Note: No dual lugs. See multiwire lugs **Page 12-259**.

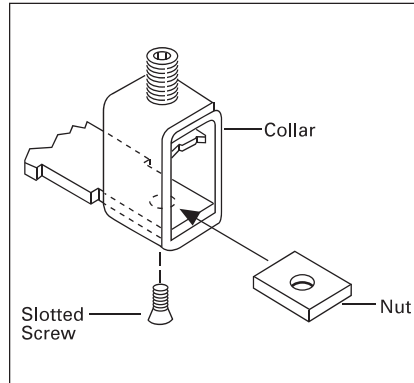


Figure 12-21. T250KB Terminal

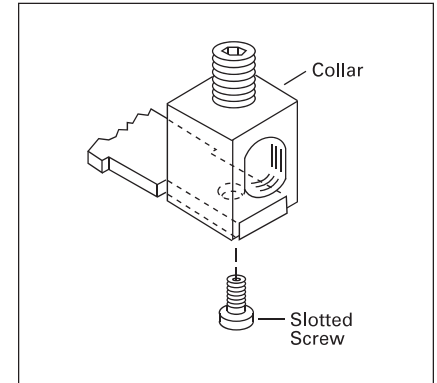


Figure 12-22. TA250KB Terminal (Standard)

J-Frame

Table 12-161. 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		With Standard Line and Load Terminals Only	
	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$

2-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	

3-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 Cutler-Hammer 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 1087.

Table 12-162. Molded Case Switches

Maximum Continuous Ampere Rating at 40°C	600 Vac Maximum, 250 Vdc				Standard Terminals Only	
	Complete Circuit Breaker Only without Line and Load Terminals				See Page 12-91 for Optional Terminals	
	—		Suitable for Reverse Feed Use			
	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$

2-Pole

250	JD2250KW HJD2250KW		JDB2250KW HJDB2250KW		TA250KB ① —	
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3-Pole

250	JD3250KW HJD3250KW		JDB3250KW HJDB3250KW		TA250KB ① —	
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4-Pole

250	JD4250KW HJD4250KW		JDB4250KW HJDB4250KW		TA250KB ① —	
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① Individually packed.

Note: Molded case switches may open above 2500 amperes.