

Accessories Selection Guide and Ordering Information

Line and Load Terminals

Line and load terminals provide wire connecting capabilities for specific ranges of continuous current ratings and wire types. Except as noted, terminals comply with Underwriters Laboratories Standards UL 486A and UL 486B. Unless otherwise specified, F-Frame circuit breakers are factory equipped with load terminals only.

Ordering Information

F-Frame circuit breakers and molded case switches have load terminals only as standard equipment. When standard line-end terminals (same as standard load-end terminals) are required, add Suffix **L** to the circuit breaker catalog number. When non-standard or optional line and/or load terminals are required, order by style number. Specify if factory installation is required.

Line and Load Terminals

Maximum Breaker Amperes	Terminal Body Material	Wire Type	AWG Wire Range	Metric Wire Range mm ²	Package of Three Terminals Catalog Number
Standard Pressure Type Terminals					
20 (EHD)	Steel	Cu/Al	14–10	2.5–4	3T20FB ②
100	Steel	Cu/Al	14–1/0	2.5–50	3T100FB
225	Aluminum	Cu/Al	4–4/0	25–95	3TA225FD
Optional Pressure Terminals					
50	Aluminum	Cu/Al	14–4	2.5–25	3TA50FB ②
100	Aluminum	Cu/Al	14–1/0	2.5–50	3TA100FD
200	Stainless steel	Cu	4–4/0	25–95	3T150FB
225	Copper	Cu	4–4/0	25–95	3T225FD
225	Aluminum	Cu/Al	6–300 kcmil	16–150	3TA225FDK3 ③
225	Aluminum	Cu/Al	6–300 kcmil	16–150	3TA225FDK ③④

Notes

- ① Use on FDE, HFDE and FDCE electronic trip only.
- ② Not for use with ED, EDH, EDC breakers.
- ③ Includes terminal shield kit. Adds approximately 3 inches (76.2) to breaker height. Available for use on three-pole breaker only.
- ④ Replacement use only.

Features

2

Base Mounting Hardware

English base mounting hardware is included with GP frame only. For all other frames, order base mounting hardware separately as per the table to the right.

Base Mounting Hardware

Frame	Catalog Number	
	English	Metric
GP	Included	—
FP	BMH1	BMH1M
KP	BMH3	BMH3M
LP	BMH4	BMH4M
MP	BMH5	BMH5M

Note: Base mounting hardware, is included with GP-Frame breakers. A separate catalog number is not required.

Line and Load Terminals

Both line and load terminals are included with GP-Frame Definite Purpose breakers. For all other frames, add “L” for line and load terminals to be included or “W” for no terminals.

Line and Load Termination

Breaker	Termination Type	Awg Wire Range	Metric Wire Range (mm)	Wire Type	Bolt Size English	Bolt Size Metric	Torque Lb-In	Torque Nm	Catalog Number
GP	Wire	#14–1/0	2.5–50	Cu only	—	—	45	5.1	Included

Optional Line and Load Terminals

Breaker	Maximum Amperes	Awg Wire Range	Wire Type	Catalog Number	Catalog Number with Control Wire Termination
FP	100	#14–#10	Cu/Al	3T100FB ①	—
	100	#8	Cu/Al	3T100FB ①	—
	100	#6–#4	Cu/Al	3T100FB ①	—
	100	#3–4/0	Cu/Al	3T100FB ①	—
	200	#3–4/0	Cu only	3T150FB ①	—
	225	#4–4/0	Cu/Al	3TA225FB ①	—
	225	#6–300	Cu/Al	3TA225FDK3 ①	—
	225	#6–300	Cu/Al	3TA225FDK ①②	—
KP	400	250–500 (1)	Cu/Al	TA350K	—
	400	3/0–250 (2)	Cu/Al	3TA400K ①	3TA400KCW
LP	500	250–350 (2)	Cu/Al	TA602LD	TA602LDCW
	600	400–500 (2)	Cu/Al	3TA603LDK ①	3TA603LDCW
MP	800	3/0–400 (3)	Cu/Al	TA800MA2	TA800MA2CWT
	800	500–750 (2)	Cu/Al	TA801MA	TA801MACWT

Accessories

End Cap Accessory Kit

End caps for line and load conductor termination are optional with each breaker. End caps secure the conductor with a ring-type connector. The kit includes one end cap, three cap screws, three nuts and three lock washers.

Series C Accessories

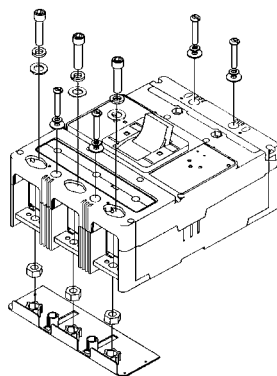
For internal accessories, see **Page V4-T2-273**.

For external accessories, see **Page V4-T2-306**.

Notes

- ① Package of three terminals.
- ② Replacement use only.

End Cap Accessory Kit



PVGard Solar Circuit Breaker Terminal Offering

Breaker Frame	Maximum Breaker Ampacity	Terminal Body Material	Wire Type	AWG Wire Range/ Number of Conductors	Metric Wire Range mm ²	Number of Terminals Included	Standard Terminal Catalog Number	Comments
FD PV	50	Steel	Cu/Al	14–4 (1)	2.5–25 (1)	3	3TA50FB	
	100	Aluminum	Cu/Al	6–300 kcmil (1)	16–150 (1)	3	3TA225FDK3	Includes 3P terminal cover
	100	Aluminum	Cu/Al	6–300 kcmil (1)	16–150 (1)	3	3TA225FDK	Includes 3P terminal cover Replacement use only
	100	Copper	Cu	4–4/0 (1)	25–95 (1)	3	3T225FD	
JG PVS	250	Aluminum	Cu/Al	#8–350 kcmil (1)	—	—	TA250FJ	
	250	Aluminum	Cu/Al	(2) 2/0–(2) 4/0	—	①	3TA251FJK1	
	250	Aluminum	Cu/Al	(2) 2/0–(2) 4/0	—	②	3TA251FJK2	
	250	Copper	Cu	#4–350 kcmil (1)	—	—	T250FJ	
KD PV KD PVS	225	Aluminum	Cu/Al	3–350 kcmil (1)	35–185 (1)	1	TA300K	
	250	Aluminum	Cu/Al	250–500 kcmil (1)	120–240 (1)	1	TA350K	
	250	Aluminum	Cu/Al	3/0–250 kcmil (2)	95–120 (1)	4	4TA400K	Contains interphase barriers
	250	Aluminum	Cu/Al	2/0–250 kcmil (2) or 2/0–500 kcmil (1)	70–240 (2)	4	4TA401K	
	300	Aluminum	Cu/Al	3/0–250 kcmil (2)	95–120 (2)	4	4TA401K	Contains interphase barriers
	350	Aluminum	Cu/Al	3/0–250 kcmil (2)	95–120 (2)	4	4TA401K	Contains interphase barriers
	225	Copper	Cu	3–350 kcmil (1)	35–185 (1)	1	T300K	
	250	Copper	Cu	250–500 kcmil (1)	120–240 (1)	1	T350K	
	250	Copper	Cu	3/0–250 kcmil (2)	95–120 (1)	4	4T400K	Contains interphase barriers
	300	Copper	Cu	3/0–250 kcmil (2)	95–120 (2)	4	4TA401K	Contains interphase barriers
LG PV	400	Aluminum	Cu/Al	2–500 kcmil (2)	35–240 (2)	4	4TA632LK	Includes 4P terminal cover
	250	Copper	Cu	2–500 kcmil (1)	35–240 (1)	1	T350LK	
	400	Copper	Cu	2–500 kcmil (2)	35–240 (2)	4	4T632LK	Includes 4P terminal cover
MDL PV	300	Aluminum	Cu/Al	1–500 kcmil (2)	—	1	TA700MA1	
	600	Aluminum	Cu/Al	3/0–400 kcmil (3)	—	1	TA800MA2	

Endcap Kits

Breaker Frame	Number of Poles	Thread Type	Thread Size	Catalog Number
FD PV	4	Imperial	10–32	KPEK14
	4	Metric	M–5	KPEKM14
JG PVS	3	Imperial	—	FJ3RTDK
	3	Metric	—	FJ3RTWK
KD PV	4	Imperial	0.312–18	KPEK34
	4	Metric	M–8	KPEKM34
KD PVS	3	Imperial	—	KPEK3
	3	Metric	—	KPEKM3
LG PV	4	Imperial	—	N/A
	4	Metric	M-10	L4RTWK
MDL PV	3	Imperial	—	—
	3	Metric	—	—

Notes

① Three terminals with terminal shield as a kit.

② Three terminals with two interphase barriers as a kit.