

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.

Jumpers

Jumpers must be ordered separately. Priced individually.

2

FD PV Frame

Description	Maximum Amperes	Catalog Number
Single copper jumper	60	DC1F060 ^①
	100	DC1F100 ^①
	125	DC1F125 ^①
	225	DC1F225 ^①
Package of 2 aluminum jumpers	100	DC2FD100A
Package of 3 aluminum jumpers	100	DC3FD100A

JG PVM, JG PVMD Frames

Description	Maximum Amperes	Catalog Number
Single aluminum jumper	250	DC1JG250A ^①
Package of 2 aluminum jumpers	250	DC2JG250A ^①
Package of 20 aluminum jumpers	250	DC20JG250A ^①

KD PV, KD PVM, KD PVMD Frames

Description	Maximum Amperes	Catalog Number
Single copper jumper	400	DC1K400 ^①
Package of 2 aluminum jumpers	400	DC2KD400A ^①
Package of 3 aluminum jumpers	400	DC3KD400A ^①

LG PV Frame

Description	Maximum Amperes	Catalog Number
Package of 2 aluminum jumpers	400	DC2LG400A
Package of 3 aluminum jumpers	400	DC3LG400A
Package of 30 aluminum jumpers	400	DC30LG400A

Note

^① Not UL Listed; Non UL listed jumpers used in a UL application may need to be qualified by the OEM in their assembly. This may take place with UL or another certified testing agency.