



# J and K Frame Replacement Circuit Breakers

with Power+™ 4 Trip Unit

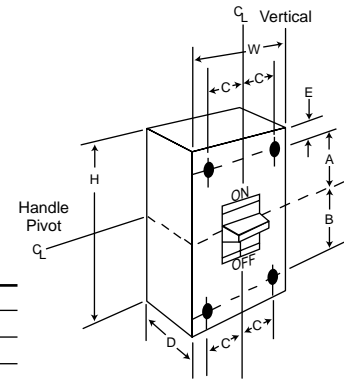
Type TJ4V, THJ4V, TJJ4V, TK4V and  
TKL4V

- 150-1200 Amperes, 120/240 to 600Vac
- UL/CSA, NEMA ratings
- "Push to Trip" exercises mechanism linkages
- Common trip bar prevents single-phasing
- Handle indicates trip condition for rapid restoration of load
- Trip-free mechanism ensures complete circuit protection - even if handle is held in ON position
- Full line of internal and external accessories for custom applications
- Reverse feed-standard



# J and K Frame Replacement Circuit Breaker With Power+™ 4 Trip Unit

(For New Designs, Use Spectra RMS™ Breakers with MicroVersaTrip Plus™)



## Lug Selection

Frame Size, A	Sensor Rating, A	Catalog Number	
		Standard Lugs, Cu/Al	Optional Lugs, Cu only
J400	150	TCAL43	TC043
	200		
	300		
	400		
J600	500	TCAL63	TC063
	600		
K800	800	TCAL81 <sup>①</sup>	TCO81A <sup>①</sup>
		TCAL91 <sup>②</sup>	TCO91 <sup>②</sup>
K1200	1000	TCAL121 <sup>①</sup>	TCO121 <sup>①</sup>
	1200	TCAL131 <sup>②</sup>	TCO131 <sup>②</sup>

① For upper (line) terminals.

② For lower (load) terminals.

## Power+™ 4 Trip Unit Selection

Function	Cat. No. Suffix			
	None	N	G	NG
Long-Time Setting	X	X	X	X
Adjustable Long-Time Delay	X	X	X	X
Long-Time Pickup Light	X	X	X	X
Adjustable Short-Time Pickup	—	X	—	X
Adjustable Short-Time Delay	—	X	—	X
Adjustable Instantaneous Pickup	X	—	X	—
Fixed Instantaneous Pickup, 15X <sup>①</sup>	—	X	—	X
Adjustable Ground-Fault Pickup	—	—	X	X
Adjustable Ground-Fault Delay	—	—	X	X
Function Code	LI	LSN	LIG	LSNG

Protection functions provided in the trip unit, as indicated by the catalog number suffix.

① Not available with TJL4V with 500 and 600A sensors.

## Interrupting Ratings

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating	UL Listed Interrupting Ratings — rms Symmetrical Amps (in Thousands)								Dimensions (in.)									
				ac Voltage				dc Voltage				H	W	D	A	B	C	E			
				ac	dc	120	120/240	240	277	480	600								125	250	
TJ4V <sup>①</sup>	150-600	3	600	—	—	42	42	—	30	22	—	—	10 1/2	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/8		
THJ4V <sup>①</sup>				65	65	—	35	25	—	—	—	—	—	—	—	—	—	—	—	—	—
TJL4V				100	100	—	65	30	—	—	—	—	—	—	—	—	—	—	—	—	—
TK4V	800-1200	3	600	—	—	42	42	—	30	22	—	—	15 1/2	8 1/4	5 1/2	8 3/8	5 11/16	1 3/8	5/8		
TKL4V	800-1200	3	600	—	—	100	100	—	65	42	—	—	15 1/2	8 1/4	5 1/2	8 3/8	5 11/16	1 3/8	5/8		

① Suitable for single phase, use outer two poles.

## Circuit Breaker Catalog Number Selection (less lugs)

Frame Type	Sensor Rating Amp	Standard Circuit Breaker						Hi-Break <sup>®</sup>				65kAIC Breaker				
		Base Cat. No.	List Price, GO-148D with Suffix				Base Cat. No.	List price, GO-148D with Suffix				Base Cat. No.	List Price, GO-148D with Suffix			
			None	N	G	NG		None	N	G	NG		None	N	G	NG
J600	150	TJ4V2601A	\$2703	\$2703	\$3909	\$3909	THJ4V2601A	\$3858	\$3858	\$5064	\$5064	TJL4V2601A	\$4242	\$4242	\$5448	\$5448
	200	TJ4V2602A	2703	2703	3909	3909	THJ4V2602A	3858	3858	5064	5064	TJL4V2602A	4242	4242	5448	5448
	300	TJ4V2603A	2703	2703	3909	3909	THJ4V2603A	3858	3858	5064	5064	TJL4V2603A	4242	4242	5448	5448
	400	TJ4V2604A	2703	2703	3909	3909	THJ4V2604A	3858	3858	5064	5064	TJL4V2604A	4242	4242	5448	5448
	500	TJ4V2605A	3657	3657	4863	4863	THJ4V2605A	4611	4611	5816	5816	TJL4V2605A	5071	①	6275	①
600	TJ4V2606A	3657	3657	4863	4863	THJ4V2606A	4611	4611	5816	5816	TJL4V2606A	5071	①	6275	①	
K1200	800	TK4V4608A	4694	4694	5900	5900	—	—	—	—	—	TKL4V4608A	5658	5658	6864	6864
	1000	TK4V4610A	8183	8183	9389	9389	—	—	—	—	—	TKL4V4610A	9154	9154	10360	10360
	1200	TK4V4612A	8183	8183	9389	9389	—	—	—	—	—	TKL4V4612A	9154	9154	10360	10360

① TJL4V with 500 and 600A sensors available with adjustable instantaneous only.

## Other Related Publications:

User's Guide	DEH-40060
Long-time/Short-time/Instantaneous Time Current Curves	DES-008
Ground Fault Time Current Curves	DES-009
MCCB Application & Selection	GET-2779



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