

FUSERBLOC FUSIBLE DISCONNECT SWITCHES FROM 30 TO 800 A

UL, cUL AND CSA TECHNICAL CHARACTERISTICS FOR FRONT & SIDE OPERATION

Catalog number		FBCC30CDT	FBJ30CDT	FBCC30 / FBCC304 FBCC30T / FBCC304T FBCC30SO / FBCC304SO	FBJ30 / FBJ304 FBJ30T / FBJ304T FBJ30SO / FBJ304SO
Rating		30	30	30	30
Fuse type	A	CC	J	CC	J
Operating voltage	V	600	600	600	600
Max horsepower rating/ Max motor FLA current					
Three phase					
208 V		5/17.5	5/17.5	5/17.5	5/17.5
240 V		7.5/22	7.5/22	7.5/22	7.5/22
480 V		15/21	15/21	15/21	15/21
600 V		20/22	20/22	20/22	20/22
DC 125 V } 2 poles in series		3/25	3/25	3/25	3/25
DC 250 V } except (1)		5/20	5/20	5/20	5/20
Short circuit rating with fuses	kA	65	65	100	200
Branch circuit fuse type		CC	J	CC	J
Max fuse rating (A)		30	30	30	30
Dimension 3 pole (front operated switches)	H in	4.56	4.56	5.87	5.87
	W in	3.78	4.13	5.63	6.72
	D in	3.28	3.89	3.89	5.62
Shaft size square (front operated switches)	in	0.2 x 0.2	0.2 x 0.2	0.4 x 0.4	0.4 x 0.4
	mm	5 x 5	5 x 5	10 x 10	10 x 10
3-pole switch operating torque (front operation)	lb. in.	21	21	53	88
Terminal lugs kit (# of lugs per kit)		Integral	Integral	Integral	Integral
Wire range AWG (# of wire holes per lug)		#10-#14 (1)	#10-#14 (1)	#10-#14 (1)	#3-#10 (1)
Wire tightening torque	lb. in.	27	27	48	58

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Rating	A	32 CD	32 CD	32	32
Rated Insulation voltage Ui (V)	V	800	800	750	750
Rated impulse voltage (Uimp)		8 kV	8 kV	8 kV	8 kV
Operating current Ie (A)					
400 V AC	AC 22A	32	32	32	32
	AC 23A	32	32	32	32
690 V AC	AC 22A	32	32	32	32
	AC 23A	32	32	32	32
Motor Power (kW)					
400 V AC	AC 23A	15	15	15	15
500 V AC	AC 23A	18.5	18.5	18.5	18.5
690 V AC	AC 23A	25	25	25	25
Max. peak let through current (gG)	kA peak	5.5	5.5	7.6	17.6
Connection					
Minimum Cu cable section	mm ²	6	6	6	6
Minimum CU busbar section	mm ²	—	—	—	—

