

Short Circuit Ratings

High Fault Short Circuit Ratings per UL508 and CSA 22.2 No.14

CEP7 Third Generation Cat. No.	Contactor Cat. No.	Max. starter FLC (A)	Fuse Ratings			UL Listed Circuit Breaker Ratings			
			Max. avail- able fault current (kA)	Max. voltage (V)	UL Class J/CC/ CSA HRCI-J fuse max. (A)	Short Circuit Rating (kA)	Max. voltage (V)	Max. CB Rating (A)	
CEP7	1EEAB, 1EFAB	CA7-9	0.5	100	600	3	5	480 600	30
	1EEBB, 1EFBB					6			
	1EECB, 1EFGB, 1EEDB, 1EFDB, 1EEEB, 1EFEB	CA7-9	09	100	600	20	5	480 600	50
		CA7-12 CAN7-12	12			20			
	1EEDB, 1EFDB, 1EEEB, 1EFEB	CA7-16 CAN7-16	16	100	600	30	5	480 600	50
		CA7-23	23			30			
	1EEDD, 1EFED, 1EEFD, 1EFFD	CA7-30	30	100	600	50	65 25	480 600	50
		CA7-37 CAN7-37	37			50			
		CA7-43 CAN7-43	43			70			
	1EEDD, 1EFED, 1EEFD, 1EFFD	CA7-55	55	100	600	70	65 25	480 600	80
	1EEGE, 1EFGE	CA7-60	60	100	600	80	65 25	480 600	125 125
		CA7-72	72			100			
		CA7-85 CAN7-85	85			150			
	1EEGE, 1EFGE	CA7-97	97	100	600	175	65 25	480 600	125 125

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Standard Fault Short Circuit Ratings per UL508 and CSA 22.2 No.14

CEP7 Third Generation Cat. No.		Max. available fault current (kA)	Conditional S.C. current, I _q (kA)	S.C.P.D.
CEP7	1EEAB, 1EFAB, 1EEBB, 1EFBB	1	600V Max. Voltage	Suitable for use with fuses only
	1EECB, 1EFCB, 1EEDB, 1EFDB, 1EEEB, 1EFEB 1EEED, 1EFED, 1EEFD, 1EFFD	5		Not restricted to fusing only
	1EEGE, 1EFGE	10		

IEC Short Circuit Ratings per EN60947-4-1

CEP7 Third Generation Cat. No.		Prospective S.C. current, I _r (kA)	Conditional S.C. current, I _q (kA)	Max. voltage (V)	S.C.P.D.
CEP7	1EEAB, 1EFAB, 1EEBB, 1EFBB	1	100	690	Suitable for use with fuses only
	1EECB, 1EFCB, 1EEDB, 1EFDB, 1EEEB, 1EFEB	1			Not restricted to fusing only
	1EEED, 1EFED, 1EEFD, 1EFFD	3			
	1EEGE, 1EFGE	5			

IEC Type I and Type II Fuse Coordination with CA7 Series contactors per EN60947-4-1

CEP7 Third Generation Cat. No.	Contactors Cat. No.	Max. starter FLC (A)	Prospective S.C. current/ I _r (kA)	Conditional S.C. current/ I _q (kA)	Max. voltage (V)	Type I with Class J fuse max. (A)	Type II with Class J fuse max. (A)	
CEP7	1EEAB, 1EFAB 1EEBB, 1EFBB	CA7-9	0.5	1	100	600	3	3
		CA7-9	1				6	6
	1EECB, 1EFCB, 1EEDB, 1EFDB	CA7-9	9	1			20	15
		CA7-12	12				20	20
		CA7-16	16				30	30
		CA7-23	23				30	30
	1EEEB, 1EFEB	CA7-9	9	3			20	15
		CA7-12	12				20	20
		CA7-16	16				30	30
		CA7-23	23				30	30
	1EEED, 1EFED, 1EEFD, 1EFFD	CA7-30	30	3			50	50
		CA7-37	37				50	50
		CA7-43	43				70	70
		CA7-55	55				70	70
	1EEGE, 1EFGE	CA7-60	60	3			80	80
		CA7-72	72				100	100
		CA7-85	85				150	150
		CA7-60	60				5	80
	CA7-72	72	100	100				
CA7-85	85	150	150					
CA7-97	97	175	175					