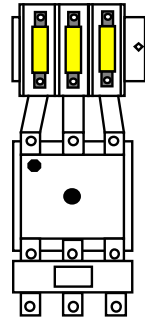


# Short Circuit Coordination

Starting: Direct-on-Line & Reversing  
 S.C. Protective Device: **UL/CSA Class J & CC Fuses, Current Limiting**

Contactor: 100-C, 100-D  
 Overload Relay: 193-E1 Plus, E3 & E3 Plus  
 Rated Operational Voltage: **575V 60Hz (600V Line)**  
 Test Voltage: 604V 60Hz  
 Rated Conditional S.C. Current (Iq): **100kA**  
 Level of S.C. Coordination: Type "2" per IEC 60947-4  
 UL 508E (IEC Type "2")  
 UL Certified



Motor		Fuse		Contactor	Overload Relay		IEC Coordination	
3 ph	1500 rpm	Class [1]	Max. Current Rating [A]	Catalog Number	Catalog Number [2]	Thermal Setting [A]	Coordination Type	Test Summary Letter
[HP]	Per NEC [A]							
1/2	0.9	CC, J	15	100-C09*10	193-EEBB	.2 - 1.0	Type 2	---
3/4	1.3	CC, J	15	100-C09*10	193-EECB	1.0 - 5.0	Type 2	---
1	1.7	CC, J	15	100-C09*10	193-EECB	1.0 - 5.0	Type 2	---
1 1/2	2.4	CC, J	15	100-C09*10	193-EECB	1.0 - 5.0	Type 2	---
2	2.7	CC, J	15	100-C09*10	193-EECB	1.0 - 5.0	Type 2	---
3	3.9	CC, J	15	100-C09*10	193-EECB	1.0 - 5.0	Type 2	---
5	6.1	CC, J	15	100-C09*10	193-EEDB	3.2 - 16	Type 2	---
7 1/2	9.0	CC, J	15	100-C09*10	193-EEDB	3.2 - 16	Type 2	---
10	11	CC, J	20	100-C12*10	193-EEDB	3.2 - 16	Type 2	---
15	17	CC, J	30	100-C16*10	193-EEEB	5.4 - 27	Type 2	---
20	22	J	40	100-C23*10	193-EEEB	5.4 - 27	Type 2	---
25	27	J	50	100-C30*10	193-EEFD	9.0 - 45	Type 2	---
30	32	J	50	100-C37*10	193-EEFD	9.0 - 45	Type 2	---
30	32	J	70	100-C43*10	193-EEFD	9.0 - 45	Type 2	---
40	41	J	80	100-C60*10	193-EEGE	18 - 90	Type 2	---
50	52	J	80	100-C60*10	193-EEGE	18 - 90	Type 2	---
60	62	J	100	100-C72*10	193-EEGE	18 - 90	Type 2	---
60	62	J	150	100-C85*10	193-EEGE	18 - 90	Type 2	---
75	77	J	200	100-D95*11	193-EEHF	30 - 150	Type 2	---
100	99	J	300	100-D110*11	193-EEHF	30 - 150	Type 2	---
125	125	J	300	100-D140*11	193-EEHF	30 - 150	Type 2	---
150	144	J	400	100-D180*11	193-EEJF	40 - 200	Type 2	---
200	192	J	400	100-D210*11	193-EEKG	60 - 300	Type 2	---
250	242	J	500	100-D250*11	193-EEKG	60 - 300	Type 2	---
300	289	J	600	100-D300*11	193-EEKG	60 - 300	Type 2	---
350	336	J	600	100-D420*11	193-EELG	100 - 500	Type 2	---

[1] Provide Bussmann, Little-Fuse and Shawmut  
 [2] Data applies to 193-E1 Plus, E3 & E3 Plus