

Coordination tables of current-sensing and dual-sensing Bay-O-Net fuses with types K and T fuse links



Powering Business Worldwide

The following coordination charts show the maximum fault current coordination levels of Current-Sensing and Dual-Sensing Bay-O-Net Fuses with both Cooper Power series K and T Fuse Links, using a 75% safety margin.

Coordination of current-sensing Bay-O-Net fuses with EEI-NEMA Type K fuse links

Bay-O-Net 353C Series (Protecting)	Rating in amperes of protected type K fuse link												
	10K	12K	15K	20K	25K	30K	40K	50K	65K	80K	100K	140K	200K
	Maximum current (rms) that protecting and protected fuses coordinate												
6A (C04)	210	300	460	630	820	1050	1360	1680	2200	2720	*	*	*
10A (C06)	–	–	270	430	650	950	1360	1680	2200	2720	*	*	*
15A (C08)	–	–	–	300	510	800	1180	1680	2200	2720	*	*	*
25A (C10)	–	–	–	–	–	–	620	1175	1780	2400	*	*	*
40A (C12)	–	–	–	–	–	–	–	–	230	1025	2650	*	*
65A (C14)	–	–	–	–	–	–	–	–	–	–	–	*	*
100A (C16)	–	–	–	–	–	–	–	–	–	–	–	–	*
140A (C17)	–	–	–	–	–	–	–	–	–	–	–	–	–

Coordination of current-sensing Bay-O-Net fuses with EEI-NEMA type T fuse links

Bay-O-Net 353C Series (Protecting)	Rating in amperes of protected type T fuse link												
	10T	12T	15T	20T	25T	30T	40T	50T	65T	80T	100T	140T	200T
	Maximum current (rms) that protecting and protected fuses coordinate												
6A (C04)	500	700	900	1200	1480	1900	2500	3100	*	*	*	*	*
10A (C06)	–	–	800	1200	1480	1900	2500	3100	*	*	*	*	*
15A (C08)	–	–	–	–	1400	1900	2500	3100	*	*	*	*	*
25A (C10)	–	–	–	–	–	–	2500	3100	*	*	*	*	*
40A (C12)	–	–	–	–	–	–	–	–	*	*	*	*	*
65A (C14)	–	–	–	–	–	–	–	–	–	–	–	*	*
100A (C16)	–	–	–	–	–	–	–	–	–	–	–	–	*
140A (C17)	–	–	–	–	–	–	–	–	–	–	–	–	–

* Fuse combination should not be used together because the current level that the fuses coordinate to exceeds the maximum interrupting rating of the Bay-O-Net Fuse.

Note: Some fuses as shown in the table below have lower interrupting ratings depending on the system voltage levels and transformer insulating fluid.

Voltage (kV)	Catalog number	Maximum single-phase interrupting rating		
		Cover mount assembly (rms symmetrical) in mineral oil	Sidewall mount assembly (rms symmetrical) in mineral oil	Sidewall mount assembly (rms symmetrical) in envirotemp™ FR3™ fluid
8.3	353C04-C08	3500 A	3500 A	3500 A
	353C10-C12	3500 A	3500 A	2500 A
	353C14-C17	3500 A	3500 A	3500 A
15.5	353C04-C08	2500 A	2500 A	2500 A
	353C10-C12	2500 A	2500 A	1500 A
	353C14-C17	2500 A	2500 A	2500 A
23.0	353C04-C17	1000 A	1000 A	1000 A

Coordination of dual-sensing Bay-O-Net fuses with EEI-NEMA type K fuse links

Bay-O-Net 358C Series (Protecting)	Rating in amperes of protected type K fuse link												
	10K	12K	15K	20K	25K	30K	40K	50K	65K	80K	100K	140K	200K
	Maximum current (rms) that protecting and protected fuses coordinate												
3A (C03)	280	380	510	640	820	1050	1360	1700	2200	2720	*	*	*
8A (C05)	–	–	360	530	750	1000	1360	1700	2200	2720	*	*	*
15A (C08)	–	–	–	–	–	200	870	1400	2000	2600	*	*	*
25A (C10)	–	–	–	–	–	–	–	190	290	1050	2790	*	*
50A (C12)	–	–	–	–	–	–	–	–	–	240	330	3000	*
65A (C14)	–	–	–	–	–	–	–	–	–	–	–	380	1000
100A (C16CB)	–	–	–	–	–	–	–	–	–	–	–	340	840
140A (C18CB)	–	–	–	–	–	–	–	–	–	–	–	–	–

Coordination of dual-sensing Bay-O-Net fuses with EEI-NEMA type T fuse links

Bay-O-Net 358C Series (Protecting)	Rating in amperes of protected type T fuse link												
	10T	12T	15T	20T	25T	30T	40T	50T	65T	80T	100T	140T	200T
	Maximum current (rms) that protecting and protected fuses coordinate												
3A (C03)	540	700	940	1200	1500	1950	2500	3200	*	*	*	*	*
8A (C05)	–	640	900	1200	1500	1950	2500	3200	*	*	*	*	*
15A (C08)	–	–	–	–	1130	1700	2500	3200	*	–	*	*	*
25A (C10)	–	–	–	–	–	–	380	2100	3330	*	*	*	*
50A (C12)	–	–	–	–	–	–	–	–	–	650	*	*	*
65A (C14)	–	–	–	–	–	–	–	–	–	–	–	580	*
100A (C16CB)	–	–	–	–	–	–	–	–	–	–	–	440	*
140A (C18CB)	–	–	–	–	–	–	–	–	–	–	–	–	*

* Fuse combination should not be used together because the current level that the fuses coordinate to exceeds the maximum interrupting rating of the Bay-O-Net Fuse.

Note: Some fuses as shown in the table below have lower interrupting ratings depending on the system voltage levels and transformer insulating fluid.

Voltage (kV)	Catalog number	Maximum single-phase interrupting rating		
		Cover mount assembly (rms asymmetrical) in mineral oil	Sidewall mount assembly (rms symmetrical) in mineral oil	Sidewall mount assembly (rms symmetrical) in envirotemp™ FR3™ fluid
4.16	358C3-C14	3500 A	3500 A	3500 A
	358C16-C18	3500 A	3500 A	2000 A
8.3	358C03-C08	3500 A	3500 A	3500 A
	358C10-C12	3500 A	3500 A	2500 A
	358C14	3500 A	3500 A	1500 A
	358C16-C18	3500 A	3500 A	1200 A
15.5	358C03-C08	2500 A	2500 A	2500 A
	358C10-C12	2500 A	2500 A	1500 A
	358C14	2500 A	2500 A	1000 A
23.0	358C16-C18	**	**	**
	358C03-C08	1000 A	1000 A	1000 A
	358C10-C12	1000 A	600 A	600 A
	358C14	***	600 A	600 A
	358C16-C18	**	**	**

** Not rated above 8.3 kV.

*** Not rated above 15.5 kV

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