



 **WARNING**

Fault Fiter Electronic Power Fuse control modules must be selected by qualified persons knowledgeable in equipment protection and time-current characteristic (TCC) curve coordination. These individuals understand the consequences of improperly coordinated overcurrent protective devices.

Failure to achieve complete coordination between Fault Fiter Electronic Power Fuses and source-side or load-side protective devices may result in improper operation of one or more Fault Fiter fuses.

Table 1. Series Coordination of Inverse-Curve Type Fault Fiter Fuses (TCC No. 410-7) With General-Purpose Current-Limiting Fuses Rated 5.5 kV

Control Module Catalog Number ↓	Maximum Load-Side Current-Limiting Fuse Ampere Rating for Complete Coordination								
	Eaton's Cooper Power™ Series						Mersen		
	X-Limiter™	NX™	NXII	ELX	Kearney™ B	Kearney Q	CLE	EJO-1 Type 9F62	CL-14
Effective Date →	NA	June 1971	NA	NA	NA	NA	March 1977	July 1982	March 1985
814040	●	75C	●	●	●	●	100E	100E	100E
814050		100C■					100E	100E	100E
814060		100C■					125E	125E	125E
814070		130C■					150E	150E	150E
814080		150C■					150E	150E	150E
814100		150C■					200E	250E■	200E
814125		150C■					250E/280X■	300E■	250E
814150		150C■					250E/280X■	300E■	300E

- Current-limiting fuses are not available in this voltage rating from this manufacturer.
- Two fuses in parallel.



Table 2. Series Coordination of Inverse-Curve Type Fault Fiter Fuses (TCC No. 410-7) With General-Purpose Current-Limiting Fuses Rated 8.3 kV

Control Module Catalog Number ↓	Maximum Load-Side Current-Limiting Fuse Ampere Rating for Complete Coordination								
Effective Date →	Eaton's Cooper Power Series							Mersen	
	X-Limiter	NX	NXII	ELX	Kearney B	Kearney Q	CLE	EJO-1 Type 9F62	CL-14
	Feb. 1991	June 1971	May 1990	Feb. 1987	Sept. 1979	March 1984	March 1977	July 1982	NA
814040	80●	65C	50	60■	65	80	80E	80E	◆
814050	125▲	80C	50	80■	100	100	100E	100E	
814060	140▲	80C	50	100■	100	125	100E	125E	
814070	140▲	100C	50	100■	112	125	100E	150E	
814080	140▲	130C■	50	100■	125■	150	125E	175E■	
814100	140▲	160C■	50	100■	200■	200	150E■	250E■	
814125	140▲	160C■	50	100■	225■	200	200E■	250E■	
814150	140▲	200C■	50	100■	225■	200	200E■	250E■	

- For "E" rated fuses dated November 1987, use 65E-ampere fuses.
- Two fuses in parallel.
- ▲ For "E" rated fuses dated November 1987, use 100E-ampere fuses.
- ◆ Current-limiting fuses are not available in this voltage rating from this manufacturer.

Table 3. Series Coordination of Inverse-Curve Type Fault Fiter Fuses (TCC No. 410-7) With General-Purpose Current-Limiting Fuses Rated 15.5 kV

Control Module Catalog Number ↓	Maximum Load-Side Current-Limiting Fuse Ampere Rating for Complete Coordination								
Effective Date →	Eaton's Cooper Power Series							Mersen	
	X-Limiter	NX	NXII	ELX	Kearney B	Kearney Q	CLE	EJO-1 Type 9F62	CL-14
	Feb. 1991	June 1971	May 1990	Feb. 1987	Sept. 1979	March 1984	March 1977	July 1986	Aug. 1980
814040	80●	65C	50	60■	50	80	65E	80E	100E
814050	125▲	80C	50	80■	65	100	80E■	100E	100E
814060	125▲	80C	50	100■	80	125	100E■	125E■	125E■
814070	125▲	80C	50	100■	100	125	125X■	150E■	150E◆
814080	125▲	130C■	50	100■	100	150	150E◆	175E■	150E◆
814100	125▲	160C■	50	100■	125■	200	175E/200X◆	200E■	200E◆
814125	125▲	160C■	50	100■	150■	200	175E/200X◆	200E■	200E◆
814150	125▲	200C■	50	100■	200■	200	175E/200X◆	300E▼	200E◆

- For "E" rated fuses dated November 1987, use 65E-ampere fuses.
- Two fuses in parallel.
- ▲ For "E" rated fuses dated November 1987, use 100E-ampere fuses.
- ◆ Three fuses in parallel.
- ▼ Four fuses in parallel.

Table 4. Series Coordination of Inverse-Curve Type Fault Fiter Fuses (TCC No. 410-7) With General-Purpose Current-Limiting Fuses Rated 23 kV^{①②}

Control Module Catalog Number ↓	Maximum Load-Side Current-Limiting Fuse Ampere Rating for Complete Coordination								
	Eaton's Cooper Power Series							Mersen	
	X-Limiter	NX	NXII	ELX	Kearney B	Kearney Q	CLE	EJO-1 Type 9F62	CL-14
Effective Date →	Feb. 1991	June 1971	May 1990	Feb. 1987	Sept. 1979	March 1984	NA	NA	NA
814040	80●	50C■▲	50	60■	50	80	◆	◆	◆
814050	100▼	60C■▲	50	80■	80■	100			
814060	100▼	80C■□	50	80■	80■	125			
814070	100▼	80C■□	50	80■	100■	125			
814080	100▼	80C■□	50	80■	100■	150			
814100	100▼	80C■□	50	80■	125■	150			
814125	100▼	80C■□	50	80■	125■	150			
814150	100▼	80C■□	50	80■	125■	150			

① Kearney B current-limiting fuses are rated 22 kV.

② Kearney Q current-limiting fuses are rated 27 kV.

● For "E" rated fuses dated November 1987, use 65E-ampere fuses.

■ Two fuses in parallel.

▲ For 27-kV and 38-kV fuses dated June 1971, use 80C-ampere fuses (two 40C-ampere fuses in parallel).

◆ Current-limiting fuses are not available in this voltage rating from this manufacturer.

▼ For "E" rated fuses dated November 1987, use 100E-ampere fuses.

□ For 27-kV and 38-kV fuses dated June 1971, use 100C-ampere fuses (two 50C-ampere fuses in parallel).