

Transformer Protection

Amp-Trap® CS-3 Series and 9F60/9F62 Series

2.75kV, 5.5kV, 8.25kV, 15.5kV, 25.8kV and 38kV Ferrule Mounted Fuses

Mersen fuses for the protection of transformers and distribution lines deliver overload and short circuit protection. These current-limiting fuses will melt at current that can be as low as 1.7 times the fuse current ratings up to its maximum interrupting rating. These fuses are designed to withstand the transformer magnetizing inrush current. They have 2 (size C), 3 (size D) and 4 (size E) inch diameter barrels with ferrules and are mounted in spring reinforced clips.

Features/Benefits:

- Amp-Trap CS-3 and 9F62 series are UL listed for compatibility with UL listed equipment.
- Ferrule mounting for standard clips and interchangeability with other brands of fuses.
- Current-limiting for superior equipment protection.
- Non-venting for silent operation
- Metal embossed catalog number and manufacturing date for lasting identification.
- Outdoor usage for the 9F62 and 9F60 type EJO.
- Blown-fuse indicator to give positive identification of open fuse:
 - Amp-Trap: 2" Barrel 1 lb tripped force - 0.19 Inch
 - Amp-Trap: 3" Barrel 2 lb tripped force - 0.50 Inch
 - 9F60/9F62: 0.125 lb tripped force – 0.20 Inch
- Accessories - see page E53

Highlights:

- E-Rated
- UL listed
- Outdoor use



Applications:

- Protection for 2.4kV to 34.5kV transformers or distribution systems.

Definitions:

General Purpose Current-Limiting Fuses (Per IEEE Std C37.40-2003):

A general purpose current-limiting fuse is one that is capable of interrupting all currents from its rated interrupting current down to the current that causes melting of the fusible element(s) in one hour or more.

E-Rating: E-Rated fuses are general purpose fuses that operate as follow (Per ANSI C37.46-2000):

- 100E or less – must melt in 300 seconds (5 mins.) at 200 to 240% of E (ampere) rating.
- Over 100E – must melt in 600 seconds (10 mins.) at 220 to 264% of E (ampere) rating.
- Example: A 100E fuse must melt in 300 seconds with an applied current of 200 to 240 amperes.

Power Distribution Fuses:

Defines fuses designed prior to the time where the ANSI standards defined the term “General Purpose” and do not meet all of the general purpose definition. These fuses are capable of interrupting all currents above 2.2 to 3 times the fuse’s rated current up to its maximum interrupting rating.



Ratings

- See page E3 for listing

Approvals:

- UL listed to standard File E143362



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Amp-Trap® CS-3 Series and 9F60/9F62 Series

Ferrule Mounted Fuses

Amp-Trap CS-3 Series: (Indoors or outdoors in a weatherproof enclosure)

A055F: 5.5kV – AC: 5E to 450E – 63kA I.R. Sym

A825X: 8.25kV – AC: 10E to 200E – 50kA I.R. Sym

A155F: 15.5kV – AC: 5E to 200E – 50 kA I.R. Sym

9F62 Series Type EJO-1: (Indoors and outdoors)



9F62: 5.5kV – AC: 25A to 450A – 50kA IR Sym

9F62: 8.3kV – AC: 20A to 250A – 50 kA IR Sym

9F62: 15.5kV – AC: 20A to 200A – 50 kA IR Sym

9F60 Series Type EJO-1: (Indoors and outdoors)



9F60: 2.75kV – AC: 1E to 200E – 50kA IR Sym

9F60: 5.5kV – AC: 0.5E to 200E – 50kA IR Sym

9F60: 8.25kV – AC: 0.5E to 200E – 50kA IR Sym

9F60: 15.5kV – AC: 0.5E to 100E – 50kA IR Sym

9F60: 25.8kV – AC: 0.5E to 100E – 25kA to 35kA IR Sym

9F60: 38kV – AC: 1E to 80E – 13kA to 26kA IR Sym

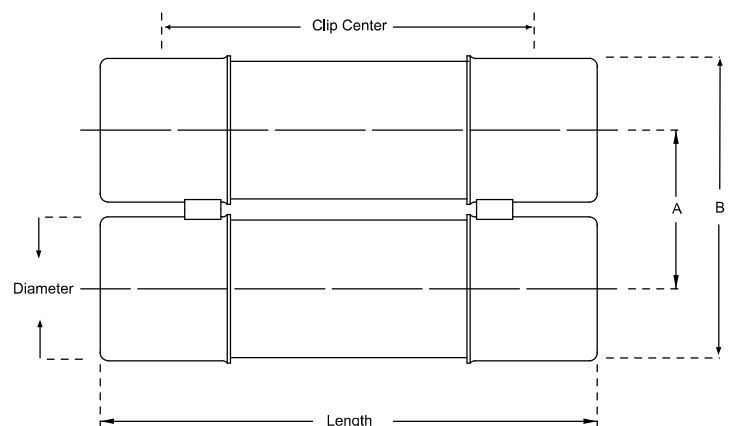
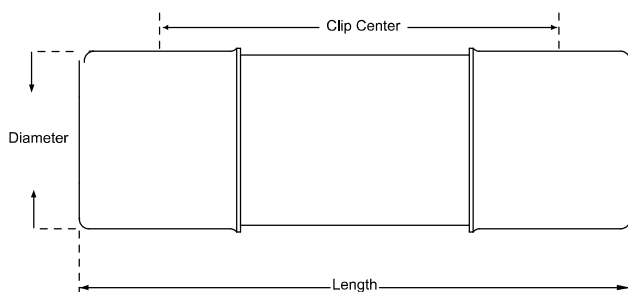
9F60 Series Type EJ-1: (Indoors or outdoors in a weatherproof enclosure)

9F60: 2.75kV – AC: 1E to 200E – 47kA to 52kA IR Sym

9F60: 5.5kV – AC: 0.5E to 25E – 63kA IR Sym

9F60: 15.5kV – AC: 2E to 175E – 31kA to 50kA IR Sym

9F60: 25.8kV – AC: 0.5E to 2E – 35kA IR Sym



9F series A = 3.31 inches (84mm)

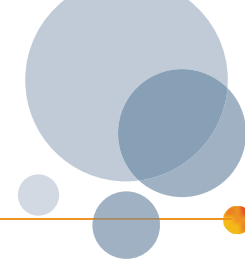
9F series B = 6.16 inches (160mm)

Amp-Trap series A = 3.63 inches (92 mm)

Amp-Trap series B = 6.63 inches (169 mm)

Transformer Protection

Amp-Trap® CS-3 Series and 9F60/9F62 Series



2.75kV Ferrule mounted fuses:

2.75kV Power Distribution fuses – 9F60 series, E-Rated EJ-1
 7" (178 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60CCB001	1E	1	Yes	2 (50.8)	9.18 (233)	2.75 kV	47kA	9F61AAB201	N/A	9F61AAB205	N/A
9F60CCB002	2E										
9F60CCB003	3E										
9F60CCB005	5E										
9F60CCB007	7E										
9F60CCB010	10E										
9F60CCB015	15E										
9F60CCB020	20E	1	Yes	2 (50.8)	9.18 (233)	2.75 kV	52kA	9F61AAB201	N/A	9F61AAB205	N/A
9F60CCB025	25E										
9F60ECB030	30E										
9F60ECB040	40E	1	Yes	3 (76.2)	10.88 (276)	2.75 kV	52kA	9F61AAB301	N/A	9F61AAB305	N/A
9F60ECB050	50E										
9F60ECB065	65E										
9F60ECB080	80E										
9F60ECB100	100E										
9F60GCB125	125E										
9F60GCB150	150E										
9F60GCB200	200E										

2.75kV Power Distribution fuses – 9F60 series, E-Rated EJ-1
 9" (229 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60CEB001	1E	1	Yes	2 (50.8)	11.18 (284)	2.75 kV	52kA	9F61ACB201	N/A	9F61ACB205	N/A
9F60CEB002	2E										
9F60CEB003	3E										
9F60CEB005	5E										
9F60CEB007	7E										
9F60CEB010	10E										
9F60CEB015	15E										
9F60CEB020	20E										
9F60CEB025	25E										

2.75kV Power Distribution fuses – 9F60 Series, E-Rated EJO-1
 12" (305 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)										
9F60DJB001	1E	1	Yes	2 (50.8)	14.18 (360)	2.75 kV	50kA	9F61AEG201	9F61CEF209	9F61AEG205	9F61CEF210										
9F60DJB002	2E																				
9F60DJB003	3E																				
9F60DJB005	5E																				
9F60DJB007	7E																				
9F60DJB010	10E																				
9F60DJB015	15E																				
9F60DJB020	20E																				
9F60DJB025	25E																				
9F60FJB030	30E											1	Yes	3 (76.2)	15.88 (403)	2.75 kV	50kA	9F61AEB301	9F61CEF309	9F61AEB305	9F61CEF310
9F60FJB040	40E																				
9F60FJB050	50E																				
9F60FJB065	65E																				
9F60FJB080	80E																				
9F60FJB100	100E																				
9F60HJB125	125E	2	Yes	3 (76.2)	15.88 (403)	2.75 kV	50kA	9F61AEB401	9F61CEF409	9F61AEB405	9F61CEF410										
9F60HJB150	150E																				
9F60HJB200	200E																				

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Amp-Trap® CS-3 Series and 9F60/9F62 Series

5.5kV Ferrule mounted fuses:

5.5kV Power Distribution fuses – 9F60 Series, E-Rated EJ-1

9" (229 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60CED905	0.5E	1	Yes	2 (50.8)	11.18 (284)	5.5 kV	63kA	9F61ACB201	N/A	9F61ACB205	N/A
9F60CED001	1E										
9F60CED002	2E										
9F60CED003	3E										
9F60CED005	5E										
9F60CED007	7E										
9F60CED010	10E										
9F60CED015	15E										
9F60CED020	20E										
9F60CED025	25E										

5.5kV E-Rated Amp-Trap CS-3 Series – UL Listed

12" (305 mm) Clip Centers - Suitable for use indoors or in an enclosure only



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
A055F1CORQ-5E	5E	1	Yes	2 (50.8)	14.18 (360)	5.5kV	63kA	9F61AEG201	N/A	9F61AEG205	N/A
A055F1CORQ-7E	7E										
A055F1CORQ-10E	10E										
A055F1CORQ-15E	15E										
A055F1CORQ-20E	20E										
A055F1CORQ-25E	25E										
A055F1CORQ-30E	30E										
A055F1CORQ-40E	40E										
A055F1CORQ-50E	50E										
A055F1CORQ-65E	65E										
A055F1DORQ-10E	10E	1	Yes	3 (76.2)	15.88 (403)	5.5kV	63kA	9F61AEB301	N/A	9F61AEB305	N/A
A055F1DORQ-15E	15E										
A055F1DORQ-20E	20E										
A055F1DORQ-25E	25E										
A055F1DORQ-30E	30E										
A055F1DORQ-40E	40E										
A055F1DORQ-50E	50E										
A055F1DORQ-65E	65E										
A055F1DORQ-80E	80E										
A055F1DORQ-100E	100E										
A055F1DORQ-125E	125E										
A055F1DORQ-150E	150E										
A055F1DORQ-175E	175E										
A055F1DORQ-200E	200E										
A055F2DORQ-250E	250E	2	Yes	3 (76.2)	15.88 (403)	5.5kV	63kA	-	N/A	-	N/A
A055F2DORQ-300E	300E										
A055F2DORQ-350E	350E										
A055F2DORQ-400E	400E										
A055F2DORQ-450E	450E										

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Amp-Trap® CS-3 Series and 9F60/9F62 Series

5.5kV General Purpose fuses – 9F62 Series, EJO-1 – UL Listed

12" (305 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F62HCB025	25A	1	Yes	2 (50.8)	14.18 (360)	5.5 kV	50kA	9F61AEG201	9F61CEF209	9F61AEG205	9F61CEF210
9F62HCB030	30A										
9F62HCB040	40A										
9F62HCB050	50A										
9F62HCB065	65A										
9F62DCB080	80A	1	Yes	3 (76.2)	15.88 (403)	5.5 kV	50kA	9F61AEB301	9F61CEF309	9F61AEB305	9F61CEF310
9F62DCB100	100A										
9F62DCB125	125A										
9F62DCB150	150A										
9F62DCB175	175A										
9F62DCB200	200A	2	Yes	3 (76.2)	15.88 (403)	5.5 kV	50kA	9F61AEB401	9F61CEF409	9F61AEB405	9F61CEF410
9F62FCB250	250A										
9F62FCB300	300A										
9F62FCB350	350A										
9F62FCB400	400A										
9F62FCB450	450A										

5.5kV Power Distribution fuses – 9F60 Series, E-Rated EJO-1

12" (305 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60JJD005	0.5E	1	Yes	2 (50.8)	14.18 (360)	5.5 kV	50kA	9F61AEG201	9F61CEF209	9F61AEG205	9F61CEF210
9F60JJD001	1E										
9F60JJD002	2E										
9F60JJD003	3E										
9F60JJD005	5E										
9F60JJD007	7E										
9F60JJD010	10E										
9F60JJD015	15E										
9F60JJD020	20E										
9F60JJD025	25E										
9F60FJD030	30E	1	Yes	3 (76.2)	15.88 (403)	5.5 kV	50kA	9F61AEB301	9F61CEF309	9F61AEB305	9F61CEF310
9F60FJD040	40E										
9F60FJD050	50E										
9F60FJD065	65E										
9F60FJD080	80E										
9F60FJD100	100E	2	Yes	3 (76.2)	15.88 (403)	5.5 kV	50kA	9F61AEB401	9F61CEF409	9F61AEB405	9F61CEF410
9F60HJD125	125E										
9F60HJD150	150E										
9F60HJD200	200E										

Transformer Protection

Amp-Trap® CS-3 Series and 9F60/9F62 Series

8.25kV / 8.3kV Ferrule mounted fuses:

8.25kV E-Rated Amp-Trap CS-3 Series

12" (305 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
A825X10E-1	10E	1	Yes	3 (76.2)	15.88 (403)	8.25kV	50kA	9F61AEG301	N/A	9F61AEG305	N/A
A825X15E-1	15E										
A825X20E-1	20E										
A825X25E-1	25E										
A825X30E-1	30E										
A825X40E-1	40E										
A825X50E-1	50E										
A825X65E-1	65E										
A825X80E-1	80E										
A825X100E-1	100E										
A825X125E-1	125E	2	Yes	3 (76.2)	15.88 (403)	8.25kV	50kA	-	N/A	-	N/A
A825X150E-1	150E										
A825X200E-1	200E										

8.3kV General Purpose fuses – 9F62 Series, EJO-1 – UL Listed

12" (305 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F62HCC020	20A	1	Yes	2 (50.8)	14.18 (360)	8.3 kV	50kA	9F61AEG201	9F61CEF209	9F61AEG205	9F61CEF210
9F62HCC025	25A										
9F62HCC030	30A										
9F62HCC040	40A										
9F62HCC050	50A										
9F62DCC065	65A	1	Yes	3 (76.2)	15.88 (403)	8.3 kV	50kA	9F61AEG301	9F61CEF309	9F61AEG305	9F61CEF310
9F62DCC080	80A										
9F62DCC100	100A										
9F62DCC125	125A										
9F62DCC150	150A										
9F62FCC175	175A	2	Yes	3 (76.2)	15.88 (403)	8.3 kV	50kA	9F61AEG401	9F61CEF409	9F61AEG405	9F61CEF410
9F62FCC200	200A										
9F62FCC250	250A										

8.25kV Power Distribution fuses – 9F60 Series, E-Rated EJO-1

12" (305 mm) Clip Centers - Suitable for use indoors or outdoors

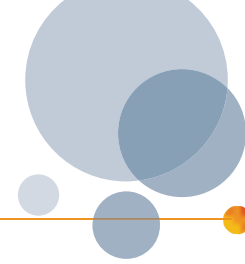


Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)										
9F60DJE905	0.5E	1	Yes	2 (50.8)	14.18 (360)	8.25 kV	50kA	9F61AEG201	9F61CEF209	9F61AEG205	9F61CEF210										
9F60DJE001	1E																				
9F60DJE002	2E																				
9F60DJE003	3E																				
9F60DJE005	5E																				
9F60DJE007	7E																				
9F60DJE010	10E																				
9F60DJE015	15E																				
9F60FJE020	20E											1	Yes	3 (76.2)	15.88 (403)	8.25 kV	50kA	9F61AEG301	9F61CEF309	9F61AEG305	9F61CEF310
9F60FJE025	25E																				
9F60FJE030	30E																				
9F60FJE040	40E																				
9F60FJE050	50E																				
9F60FJE065	65E																				
9F60FJE080	80E																				
9F60FJE100	100E																				
9F60HJE125	125E	2	Yes	3 (76.2)	15.88 (403)	8.25 kV	50kA	9F61AEG401	9F61CEF409	9F61AEG405	9F61CEF410										
9F60HJE150	150E																				
9F60HJE200	200E																				

For the most current product performance data visit us-ferrazshawmut.mersen.com and use catalog search.

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Amp-Trap® CS-3 Series and 9F60/9F62 Series



15kV / 15.5kV Ferrule mounted fuses:

15.5kV Power Distribution fuses – 9F60 Series, E-Rated EJ-1 12" (305 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60CJH002	2E	1	Yes	2 (50.8)	14.18 (360)	15.5 kV	50kA*	9F61AEG201	N/A	9F61AEG205	N/A
9F60CJH003	3E										
9F60CJH005	5E										
9F60CJH007	7E										
9F60CJH010	10E										

* These fuses were designed and originally tested at a higher maximum interrupting rating value. Consult factory for further information.

15.0kV Power Distribution fuses – 9F60 Series, E-Rated EJ-1 14" (356 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60KLH125	125E	2	Yes	4 (101.6)	19.12 (486)	15.0 kV	38kA	9F61AFG501 (13.8kV nominal - 95 kV BIL) 9F61AFJ501 (14.4kV nominal - 110kV BIL)		N/A	
9F60KLH150	150E										
9F60KLH175	175E										

15.5kV Power Distribution fuses – 9F60 Series, E-Rated EJO-1 15" (381 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60DMH905	0.5E	1	Yes	2 (50.8)	17.2 (437)	15.5 kV	50kA*	9F61AGG201 (13.8kV nominal - 95kV BIL) 9F61AGJ201 (14.4kV nominal - 110kV BIL)	9F61CGL209	9F61AGG205 (13.8kV nominal - 95kV BIL) 9F61AGJ205 (14.4kV nominal - 110kV BIL)	9F61CGL210
9F60DMH001	1E										
9F60DMH002	2E										
9F60DMH003	3E										
9F60DMH005	5E										
9F60DMH007	7E										
9F60DMH010	10E										
9F60FMH015	15E	1	Yes	3 (76.2)	18.88 (480)	15.5 kV	50kA	9F61AGG301 (13.8kV nominal - 95kV BIL) 9F61AGJ301 (14.4kV nominal - 110kV BIL)	9F61CGL309	9F61AGG305 (13.8kV nominal - 95kV BIL) 9F61AGJ305 (14.4kV nominal - 110kV BIL)	9F61CGL310
9F60FMH020	20E										
9F60FMH025	25E										
9F60FMH030	30E										
9F60FMH040	40E										
9F60FMH050	50E										
9F60HMH065	65E	2	Yes	3 (76.2)	18.88 (480)	15.5 kV	50kA	9F61AGG401 (13.8kV nominal - 95kV BIL) 9F61AGJ401 (14.4kV nominal - 110kV BIL)	9F61CGL409	9F61AGG405 (13.8kV nominal - 95kV BIL) 9F61AGJ405 (14.4kV nominal - 110kV BIL)	9F61CGL410
9F60HMH080	80E										
9F60HMH100	100E										

* These fuses were designed and originally tested at a higher maximum interrupting rating value. Consult factory for further information.

Transformer Protection

Amp-Trap® CS-3 Series and 9F60/9F62 Series

15.5kV General Purpose fuses – 9F62 Series, EJO-1 – UL Listed
15" (381 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F62HDD020	20A	1	Yes	2 (50.8)	17.2 (437)	15.5 kV	50KA	9F61AGG201 (13.8kV nominal - 95kV BIL) 9F61AGJ201 (14.4kV nominal - 110kV BIL)	9F61CGL209	9F61AGG205 (13.8kV nominal - 95kV BIL) 9F61AGJ205 (14.4kV nominal - 110kV BIL)	9F61CGL210
9F62HDD025	25A										
9F62HDD030	30A										
9F62DDD050	50A	1	Yes	3 (76.2)	18.88 (480)	15.5 kV	50KA	9F61AGG301 (13.8kV nominal - 95kV BIL) 9F61AGJ301 (14.4kV nominal - 110kV BIL)	9F61CGL309	9F61AGG305 (13.8kV nominal - 95kV BIL) 9F61AGJ305 (14.4kV nominal - 110kV BIL)	9F61CGL310
9F62DDD065	65A										
9F62DDD080	80A										
9F62DDD100	100A										
9F62FDD125	125A	2	Yes	3 (76.2)	18.88 (480)	15.5 kV	50KA	9F61AGG401 (13.8kV nominal - 95kV BIL) 9F61AGJ401 (14.4kV nominal - 110kV BIL)	9F61CGL409	9F61AGG405 (13.8kV nominal - 95kV BIL) 9F61AGJ405 (14.4kV nominal - 110kV BIL)	9F61CGL410
9F62FDD150	150A										
9F62FDD175	175A										
9F62FDD200	200A										

15.5kV E-Rated Amp-Trap CS-3 series – UL Listed
15" (381 mm) Clip Centers - Suitable for use indoors or in an enclosure only



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
A155F1COR0-5E	5E	1	Yes	2 (50.8)	17.03 (433)	15.5kV	50KA	9F61AGG201 (13.8kV nominal - 95kV BIL) 9F61AGJ201 (14.4kV nominal - 110kV BIL)	N/A	9F61AGG205 (13.8kV nominal - 95kV BIL) 9F61AGJ205 (14.4kV nominal - 110kV BIL)	N/A
A155F1COR0-7E	7E										
A155F1COR0-10E	10E										
A155F1COR0-15E	15E										
A155F1COR0-20E	20E										
A155F1COR0-25E	25E										
A155F1COR0-30E	30E	1	Yes	3 (76.2)	18.87 (479)	15.5kV	50KA	9F61AGG301 (13.8kV nominal - 95kV BIL) 9F61AGJ301 (14.4kV nominal - 110kV BIL)	N/A	9F61AGG305 (13.8kV nominal - 95kV BIL) 9F61AGJ305 (14.4kV nominal - 110kV BIL)	N/A
A155F1DOR0-10E	10E										
A155F1DOR0-15E	15E										
A155F1DOR0-20E	20E										
A155F1DOR0-25E	25E										
A155F1DOR0-30E	30E										
A155F1DOR0-40E	40E	2	Yes	3 (76.2)	18.87 (479)	15.5kV	50KA	-	N/A	-	N/A
A155F1DOR0-50E	50E										
A155F2DOR0-65E	65E										
A155F2DOR0-80E	80E										
A155F2DOR0-100E	100E										

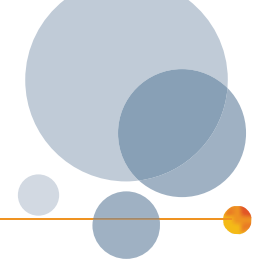
15.5kV E-Rated Amp-Trap CS-3 series – UL Listed
18" (457 mm) Clip Centers - Suitable for use indoors or in an enclosure only



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
A155F1DOR0-65E	65E	1	Yes	3 (76.2)	21.75 (552)	15.5kV	50KA	-	N/A	-	N/A
A155F1DOR0-80E	80E										
A155F1DOR0-100E	100E										
A155F2DOR0-125E	125E	2	Yes	3 (76.2)	21.75 (552)	15.5kV	50KA	-	N/A	-	N/A
A155F2DOR0-150E	150E										
A155F2DOR0-175E	175E										
A155F2DOR0-200E	200E										

Transformer Protection

Amp-Trap® CS-3 Series and 9F60/9F62 Series



25.8kV Ferrule mounted fuses:

25.8kV Power Distribution fuses – 9F60 Series, E-Rated EJ-1
15" (381 mm) Clip Centers - Suitable for use indoors or in an enclosure only

Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60CMJ905	0.5E	1	Yes	2 (50,8)	17,20 (437)	25,8 kV	35kA*	-	N/A	-	N/A
9F60CMJ001	1E										
9F60CMJ002	2E										

* These fuses were designed and originally tested at a higher maximum interrupting rating value. Consult factory for further information.

25.8kV Power Distribution fuses – 9F60 Series, E-Rated EJO-1
21" (533 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60DNJ905	0.5E	1	Yes	2 (50,8)	23,18 (589)	25,8 kV	35kA*	9F61AHM201	9F61CHM209	9F61AHM205	9F61CHM210
9F60DNJ001	1E										
9F60DNJ002	2E										
9F60DNJ003	3E										
9F60DNJ005	5E										
9F60DNJ007	7E										
9F60DNJ010	10E										
9F60FNJ015	15E	1	Yes	3 (76,2)	24,81 (630)	25,8 kV	25kA	9F61AHM301	9F61CHM309	9F61AHM305	9F61CHM310
9F60FNJ020	20E										
9F60FNJ025	25E										
9F60FNJ030	30E										
9F60FNJ040	40E										
9F60FNJ050	50E										
9F60HNJ065	65E										
9F60HNJ080	80E										
9F60HNJ100	100E										

Transformer Protection

Amp-Trap® CS-3 Series and 9F60/9F62 Series

38kV Ferrule mounted fuses:

38kV Power Distribution fuses – 9F60 Series, E-Rated EJO-1

27" (686 mm) Clip Centers - Suitable for use indoors or outdoors



Catalog No.	Amp Rating	No. of Barrels	Indicating	Diameter Inches (mm)	Length Inches (mm)	Max Voltage	Max IR RMS Sym	Fuse Support Indoor (EK-1)	Fuse Support Outdoor (EK0-1)	Fuse Disconnect Indoor (EK-3)	Fuse Disconnect Outdoor (EK0-3)
9F60FPK001	1E	1	Yes	3 (76.2)	30.81 (783)	38 kV	26kA*	-	9F61CJN309	-	9F61CJN310
9F60FPK002	2E										
9F60FPK003	3E										
9F60FPK005	5E										
9F60FPK007	7E										
9F60FPK010	10E										
9F60FPK015	15E	1	Yes	3 (76.2)	30.81 (783)	38 kV	13kA	-	9F61CJN309	-	9F61CJN310
9F60FPK020	20E										
9F60FPK025	25E										
9F60FPK030	30E										
9F60FPK040	40E										
9F60HPK050	50E										
9F60HPK065	65E	2	Yes	3 (76.2)	30.81 (783)	38 kV	13kA	-	9F61CJN409	-	9F61CJN410
9F60HPK080	80E										
9F60FPT001	1E	1	No	3 (76.2)	30.81 (783)	38 kV	26kA*	-	9F61CJN309	-	9F61CJN310
9F60FPT002	2E										
9F60FPT003	3E										
9F60FPT005	5E										
9F60FPT007	7E										
9F60FPT010	10E										
9F60FPT015	15E	1	No	3 (76.2)	30.81 (783)	38 kV	13kA	-	9F61CJN309	-	9F61CJN310
9F60FPT020	20E										
9F60FPT025	25E										
9F60FPT030	30E										
9F60FPT040	40E										
9F60HPT050	50E										
9F60HPT065	65E	2	No	3 (76.2)	30.81 (783)	38 kV	13kA	-	9F61CJN409	-	9F61CJN410
9F60HPT080	80E										

* These fuses were designed and originally tested at a higher maximum interrupting rating value. Consult factory for further information.