

Current-Limiting Power Fuses

Fuse Supports and Disconnecting Switches

9F61 Series

EK-1, EKO-1, EK-3, EKO-3

Product Description

Fuse supports, non-disconnecting, are used primarily in potential transformer circuits, or where there is some other disconnecting or isolating device in series with the fuse in the circuit. Fuse supports can be mounted vertically or horizontally. The EKO-1 models are designed to be installed outdoors. Disconnecting switch devices have the additional feature of serving to isolate the equipment they protect. It should be noted that disconnecting switches are not load-breaking devices, therefore, the circuit must be open prior to the fuse disconnection. The EKO-3 models are designed to be installed outdoors. Select either a fuse support or a disconnecting switch for each fuse. Fuse supports and disconnecting switches include live parts for both ends.

For further detailed information regarding these fuse supports and disconnecting switches please refer to INST-EK39196 available on our website at us.ferrazshawmut.com or ask your sales representative a hard copy.



Fuse Support - EK-1 Indoor

Catalog Number	Max. kV	Ferrule Size/ Diam.	Clip Centers	Spare Parts (Live Parts)	Spare Parts (Clips)	Insulator Rating - Class/NEMA Nominal Sys. (kV)	Insulator Rating - BIL (kV)	Insulator Rating - Class/NEMA Tech Ref.
9F61ABB101	2.75/5.5	B/1.56"	8.12"	9F61BNW450	9F61BWW460	4.8	60	A-20
9F61ABG101	8.25	B/1.56"	8.12"	9F61BNW450	9F61BWW460	13.8	95	A-20
9F61ADG101	15.5	B/1.56"	11.5"	9F61BNW450	9F61BWW460	13.8	95	A-20
9F61ADJ101	15.5	B/1.56"	11.5"	9F61BNW450	9F61BWW460	14.4	110	A-20
9F61AAB201	2.75	C/2.00"	7"	9F61BNW451	9F61BWW457	4.8	60	A-20
9F61ACB201	5.5	C/2.00"	9"	9F61BNW451	9F61BWW457	4.8	60	A-20
9F61AEG201	15.5	C/2.00"	12"	9F61BNW451	9F61BWW457	13.8	95	A-20
9F61AGG201	15.5	C/2.00"	15"	9F61BNW451	9F61BWW457	13.8	95	A-20
9F61AGJ201	15.5	C/2.00"	15"	9F61BNW451	9F61BWW457	14.4	110	A-20
9F61AHM201	25.8	C/2.00"	21"	9F61BNW743	9F61BWW457	23	150	A-20
9F61AAB301	2.75	D/3.00"	7"	9F61BNW750	9F61BWW459	4.8	60	A-20
9F61AEB301	2.75/5.5	D/3.00"	12"	9F61BNW750	9F61BWW459	4.8	60	A-20
9F61AEG301	8.25	D/3.00"	12"	9F61BNW750	9F61BWW459	13.8	95	A-20
9F61AGG301	15.5	D/3.00"	15"	9F61BNW750	9F61BWW459	13.8	95	A-20
9F61AGJ301	15.5	D/3.00"	15"	9F61BNW750	9F61BWW459	14.4	110	A-20
9F61AHM301	25.8	D/3.00"	21"	9F61BNW744	9F61BWW459	23	150	A-20
9F61AAB401	2.75	DD/3.00"	7"	9F61BNW751	–	4.8	60	A-20
9F61AEB401	2.75/5.5	DD/3.00"	12"	9F61BNW751	–	4.8	60	A-20
9F61AEG401	8.25	DD/3.00"	12"	9F61BNW751	–	13.8	95	A-20
9F61AGG401	15.5	DD/3.00"	15"	9F61BNW751	–	13.8	95	A-20
9F61AGJ401	15.5	DD/3.00"	15"	9F61BNW751	–	14.4	110	A-20
9F61AHM401	25.8	DD/3.00"	21"	9F61AWW738	–	23	150	A-20
9F61AFB501	5.08	EE/4.00"	14.12"	9F61BNW452	–	4.8	60	A-20
9F61AFG501	15	EE/4.00"	14.12"	9F61BNW452	–	13.8	95	A-20
9F61AFJ501	15	EE/4.00"	14.12"	9F61BNW452	–	14.4	110	A-20
9F61AHG001		DDDD			For Bolted-end Fuses refer to drawings.			
9F61AHJ001		DDDD			For Bolted-end Fuses refer to drawings.			
9F61AKB001		DDDD			For Bolted-end Fuses refer to drawings.			

Refer to drawings for specific dimensions.

Current-Limiting Power Fuses

Fuse Supports and Disconnecting Switches

9F61 Series

EK-1, EKO-1, EK-3, EKO-3

Disconnect Switch - EK-3 Indoor

Catalog Number	Max. kV	Ferrule Size/ Diam.	Clip Centers	Spare Parts (Live Parts)	Spare Parts (Clips)	Insulator Rating - Nominal Sys. (kV)	Insulator Rating - BIL (kV)	Insulator Rating - Class/NEMA Tech Ref.
9F61AAB205	2.75	C/2.00"	7"	9F61BNW731	9F61BWW457	4.8	60	A-20
9F61ACB205	5.5	C/2.00"	9"	9F61BNW731	9F61BWW457	4.8	60	A-20
9F61AEG205	15.5	C/2.00"	12"	9F61BNW731	9F61BWW457	13.8	95	A-20
9F61AGG205	15.5	C/2.00"	15"	9F61BNW731	9F61BWW457	13.8	95	A-20
9F61AGJ205	15.5	C/2.00"	15"	9F61BNW731	9F61BWW457	14.4	110	A-20
9F61AHM205	25.8	C/2.00"	21"	9F61BNW746	9F61BWW457	23	150	A-20
9F61AAB305	2.75	D/3.00"	7"	9F61BNW732	9F61BWW459	4.8	60	A-20
9F61AEB305	2.75/5.5	D/3.00"	12"	9F61BNW732	9F61BWW459	4.8	60	A-20
9F61AEG305	8.25	D/3.00"	12"	9F61BNW732	9F61BWW459	13.8	95	A-20
9F61AGG305	15.5	D/3.00"	15"	9F61BNW732	9F61BWW459	13.8	95	A-20
9F61AGJ305	15.5	D/3.00"	15"	9F61BNW732	9F61BWW459	14.4	110	A-20
9F61AHM305	25.8	D/3.00"	21"	9F61BNW747	9F61BWW459	23	150	A-20
9F61AAB405	2.75	DD/3.00"	7"	9F61BNW461	–	4.8	60	A-20
9F61AEB405	2.75/5.5	DD/3.00"	12"	9F61BNW461	–	4.8	60	A-20
9F61AEG405	8.25	DD/3.00"	12"	9F61BNW461	–	13.8	95	A-20
9F61AGG405	15.5	DD/3.00"	15"	9F61BNW461	–	13.8	95	A-20
9F61AGJ405	15.5	DD/3.00"	15"	9F61BNW461	–	14.4	110	A-20
9F61AHM405	25.8	DD/3.00"	21"	9F61BNW748	–	23	150	A-20

Refer to drawings for specific dimensions.

Fuse Support - EKO-1 Outdoor

Catalog Number	Max. kV	Ferrule Size/Diam.	Clip Centers	Spare Parts (Live Parts)	Spare Parts (Clips)	Insulator Rating - Nominal Sys. (kV)	Insulator Rating - BIL (kV)	Insulator Rating - Class/NEMA Tech Ref.
9F61CEF209	2.75/5.5/8.25	C/2.00"	12"	9F61BNW743	9F61BWW457	7.5	95	202
9F61CGL209	15.5	C/2.00"	15"	9F61BNW743	9F61BWW457	15	110	205
9F61CHM209	25.8	C/2.00"	21"	9F61BNW743	9F61BWW457	23	150	208
9F61CEF309	2.75/5.5/8.25	D/3.00"	12"	9F61BNW744	9F61BWW459	7.5	95	202
9F61CGL309	15.5	D/3.00"	15"	9F61BNW744	9F61BWW459	15	110	205
9F61CHM309	25.8	D/3.00"	21"	9F61BNW744	9F61BWW459	23	150	208
9F61CJN309	38	D/3.00"	27"	9F61BNW744	9F61BWW459	34.5	200	210
9F61CEF409	2.75/5.5/8.25	DD/3.00"	12"	9F61AWW738	–	7.5	95	202
9F61CGL409	15.5	DD/3.00"	15"	9F61AWW738	–	15	110	205
9F61CHM409	25.8	DD/3.00"	21"	9F61AWW738	–	23	150	208
9F61CJN409	38	DD/3.00"	27"	9F61AWW738	–	34.5	200	210
9F61CHL009		DDDD			For Bolted-end Fuses refer to drawings.			
9F61CKF009		DDDD			For Bolted-end Fuses refer to drawings.			

Refer to drawings for specific dimensions.

Current-Limiting Power Fuses

Fuse Supports and Disconnecting Switches

9F61 Series

EK-1, EKO-1, EK-3, EKO-3

Disconnect Switch - EKO-3 Outdoor

Catalog Number	Max. kV	Ferrule Size/Diam.	Clip Centers	Spare Parts (Live Parts)	Spare Parts (Clips)	Insulator Rating - Nominal Sys. (kV)	Insulator Rating - BIL (kV)	Insulator Rating - Class/NEMA Tech Ref.
9F61CEF210	2.75/5.5/8.25	C/2.00"	12"	9F61BNW746	9F61BWW457	7.5	95	202
9F61CGL210	15.5	C/2.00"	15"	9F61BNW746	9F61BWW457	15	110	205
9F61CHM210	25.8	C/2.00"	21"	9F61BNW746	9F61BWW457	23	150	208
9F61CEF310	2.75/5.5/8.25	D/3.00"	12"	9F61BNW747	9F61BWW459	7.5	95	202
9F61CGL310	15.5	D/3.00"	15"	9F61BNW747	9F61BWW459	15	110	205
9F61CHM310	25.8	D/3.00"	21"	9F61BNW747	9F61BWW459	23	150	208
9F61CJN310	38	D/3.00"	27"	9F61BNW747	9F61BWW459	34.5	200	210
9F61CEF410	2.75/5.5/8.25	DD/3.00"	12"	9F61BNW748	–	7.5	95	202
9F61CGL410	15.5	DD/3.00"	15"	9F61BNW748	–	15	110	205
9F61CHM410	25.8	DD/3.00"	21"	9F61BNW748	–	23	150	208
9F61CJN410	38	DD/3.00"	27"	9F61BNW748	–	34.5	200	210

Refer to drawings for specific dimensions.

IMPORTANT: When selecting a mounting for a current-limiting fuse, it is necessary that the clip centers and size agree with the fuse selected.

Accessories and Spare Parts

Hinge Trunions and Operating Eyes for Use on Disconnecting Switches

Fuse Size	Hinge Trunion Model No.	Operating Eye Model No.
C	9F61BJW397	9F61BFW394
D	9F61BKW398	9F61AAWW612
DD	9F61BLW399	9F61AAWW612



Current-Limiting Power Fuses

Spare Parts - Fuse Supports/Disconnect Switches

9F61 Series

Live Parts/Fuse Clips

Fuse Size B (Ferrule Diameter 1.5625")

Fuse Supports & Disconnect Switches	Spare Live Parts(*)	Figure (Fig.)	Spare Fuse Clips(**)	Figure (Fig.)	Fuse size
9F61ABB101	9F61BNW450		9F61BWW460		B
9F61ABG101					B
9F61ADG101					B
9F61ADJ101					B

Fuse Size C (Ferrule Diameter 2")

Fuse Supports & Disconnect Switches	Spare Live Parts(*)	Figure (Fig.)	Spare Fuse Clips(**)	Figure (Fig.)	Fuse size
9F61AAB201	9F61BNW451		9F61BWW457		C
9F61ACB201					C
9F61AEG201					C
9F61AGG201					C
9F61AGJ201					C
9F61AAB205	9F61BNW731				C
9F61ACB205					C
9F61AEG205					C
9F61AGG205					C
9F61AGJ205					C
9F61AHM201	9F61BNW743				C
9F61CEF209					C
9F61CGL209					C
9F61CHM209					C
9F61AHM205	9F61BNW746				C
9F61CEF210					C
9F61CGL210					C
9F61CHM210					C

(*) Spare Live Parts: Order (1) Live Parts for each Fuse Support and Disconnecting Switch (includes live parts for both ends).

(**) Fuse Clips: Order (2) Fuse Clips for each Fuse Support and order (1) Fuse Clip for each Disconnecting Switch.

Current-Limiting Power Fuses

Spare Parts - Fuse Supports/Disconnect Switches

9F61 Series

Live Parts/Fuse Clips

Fuse Size D (Ferrule Diameter 3")

Fuse Supports & Disconnect Switches	Spare Live Parts(*)	Figure (Fig.)	Spare Fuse Clips(**)	Figure (Fig.)	Fuse size
9F61AAB305	9F61BNW732		9F61BWW459		D
9F61AEB305					D
9F61AEG305					D
9F61AGG305					D
9F61AGJ305					D
9F61AHM301	9F61BNW744				D
9F61CEF309					D
9F61CGL309					D
9F61CHM309					D
9F61CJN309					D
9F61AHM305	9F61BNW747				D
9F61CEF310					D
9F61CGL310					D
9F61CHM310					D
9F61CJN310					D
9F61AAB301	9F61BNW750				D
9F61AEB301					D
9F61AEG301					D
9F61AGG301					D
9F61AGJ301					D

Current-Limiting Power Fuses

Spare Parts - Fuse Supports/Disconnect Switches

9F61 Series

Live Parts/Fuse Clips

Fuse Size DD (Ferrule Diameter two 3" in parallel)

Fuse Supports & Disconnect Switches	Spare Live Parts(*)	Figure (Fig.)	Spare Fuse Clips(**)	Fuse size
9F61AHM401	9F61AWW738		N/A	DD
9F61CEF409				DD
9F61CGL409				DD
9F61CHM409				DD
9F61CJN409				DD
9F61AAB405	9F61BNW461			DD
9F61AEB405				DD
9F61AEG405				DD
9F61AGG405				DD
9F61AGJ405				DD
9F61AHM405	9F61BNW748			DD
9F61CEF410				DD
9F61CGL410				DD
9F61CHM410				DD
9F61CJN410				DD
9F61AAB401	9F61BNW751			DD
9F61AEB401				DD
9F61AEG401				DD
9F61AGG401				DD
9F61AGJ401				DD

Conversion Kit D to DD for use on fuse supports

Model No.	Figure (Fig.)	Used on live parts	Figure (Fig.)
9F61BNW402		9F61BNW751 (Indoor)	
		9F61AWW738 (Outdoor)	

Fuse Size EE (Ferrule Diameter two 4" in parallel)

Fuse Supports & Disconnect Switches	Spare Live Parts(*)	Figure (Fig.)	Spare Fuse Clips(**)	Fuse size
9F61AFB501	9F61BNW452		N/A	EE
9F61AFG501				EE
9F61AFJ501				EE