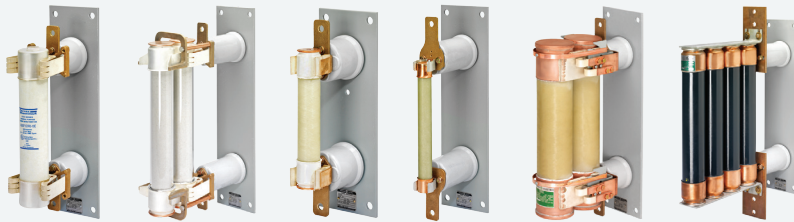


# 9F61 EK-1 Indoor Support

Medium Voltage Fuse Holders & Clips

## FUSE BLOCKS & HOLDERS

TYPE EK 9F61 SERIES: FUSE SUPPORTS, FUSE DISCONNECT SWITCHES, AND ACCESSORIES FROM 2.4KV TO 38KV



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. 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. Select either a fuse support or a disconnecting switch for each fuse. Fuse supports and disconnecting switches include live parts for both ends. Both fuse supports and fuse disconnect switches can be mounted vertically or horizontally. The type EK are used for indoor installations while the type EKO are used outdoors.

For detailed information regarding these fuse supports and disconnecting switches such as storage, mounting and maintenance, please refer to INST-EK39196 available on our website at [ep.mersen.com](http://ep.mersen.com) or ask your sales representative for a hard copy.

### Indoor:

Fuse supports: . . . . . EK-1

Fuse disconnect switches:  
. . . . . EK-3

### Outdoor:

Fuse supports: . . . . . EKO-1

Fuse disconnect switches:  
. . . . . EKO-3

The letter suffix following the (-1) or the (-3) shows the fuse size.

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

Fuse Size	Ferrule Diameter
B	1-9/16 inches
C	2 inches
D	3 inches
DD	Two-3 inch in parrallel
DDDD	Four-3 inch in parrallel
EE	Two-4 inch in parrallel



FUSE SUPPORT - EK-1 INDOOR



EK-1B



EK-1C



EK-1D



EK-1DD



EK-1EE



EK-1DDDD

Refer to drawings for specific dimensions.

Catalog No.	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	15	DDDD		For Bolted-end Fuses refer to drawings.			96	
9F61AKB001	5.5	DDDD		For Bolted-end Fuses refer to drawings.			60	

FB

# 9F61 EK-3 Indoor Non-Load Disconnect

Medium Voltage Fuse Holders & Clips

## FUSE BLOCKS & HOLDERS

TYPE EK 9F61 SERIES: FUSE SUPPORTS, FUSE DISCONNECT SWITCHES,  
AND ACCESSORIES FROM 2.4KV TO 38KV



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. 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. Select either a fuse support or a disconnecting switch for each fuse. Fuse supports and disconnecting switches include live parts for both ends. Both fuse supports and fuse disconnect switches can be mounted vertically or horizontally. The type EK are used for indoor installations while the type EKO are used outdoors.

For detailed information regarding these fuse supports and disconnecting switches such as storage, mounting and maintenance, please refer to INST-EK39196 available on our website at [ep.mersen.com](http://ep.mersen.com) or ask your sales representative for a hard copy.

### Indoor:

Fuse supports: . . . . . EK-1

Fuse disconnect switches:  
. . . . . EK-3

### Outdoor:

Fuse supports: . . . . . EKO-1

Fuse disconnect switches:  
. . . . . EKO-3

The letter suffix following the (-1) or the (-3) shows the fuse size.

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

Fuse Size	Ferrule Diameter
B	1-9/16 inches
C	2 inches
D	3 inches
DD	Two-3 inch in parrallel
DDDD	Four-3 inch in parrallel
EE	Two-4 inch in parrallel

F  
B

DISCONNECT SWITCH - EK-3 INDOOR



EK-3C



EK-3D



EK-3DD

Catalog No.	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.

FB

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	9F61AWW612
DD	9F61BLW399	9F61AWW612



EK-3C  
9F61BFW394



EK-3D and DD  
9A61AWW612



EKO-3C  
9F61BJW397



EKO-3D  
9F61BKW398



EKO-3DD  
9F61BLW399

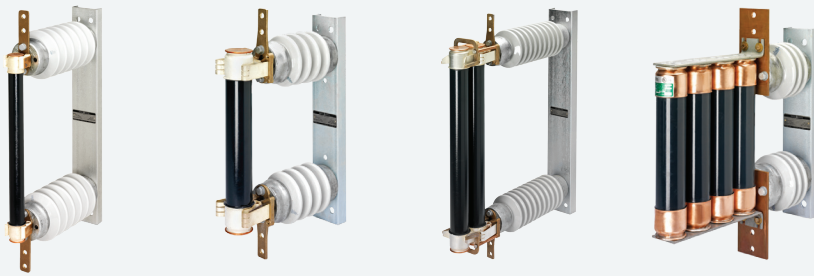


# 9F61 EKO-1 Outdoor Support

Medium Voltage Fuse Holders & Clips

## FUSE BLOCKS & HOLDERS

TYPE EK 9F61 SERIES: FUSE SUPPORTS, FUSE DISCONNECT SWITCHES, AND ACCESSORIES FROM 2.4KV TO 38KV



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. 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. Select either a fuse support or a disconnecting switch for each fuse. Fuse supports and disconnecting switches include live parts for both ends. Both fuse supports and fuse disconnect switches can be mounted vertically or horizontally. The type EK are used for indoor installations while the type EKO are used outdoors.

For detailed information regarding these fuse supports and disconnecting switches such as storage, mounting and maintenance, please refer to INST-EK39196 available on our website at [ep.mersen.com](http://ep.mersen.com) or ask your sales representative for a hard copy.

### Indoor:

Fuse supports: . . . . . EK-1

Fuse disconnect switches:  
. . . . . EK-3

### Outdoor:

Fuse supports: . . . . . EKO-1

Fuse disconnect switches:  
. . . . . EKO-3

The letter suffix following the (-1) or the (-3) shows the fuse size.

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

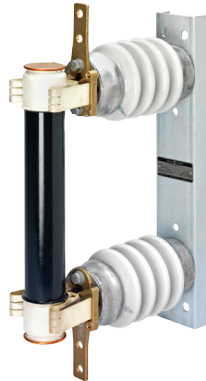
Fuse Size	Ferrule Diameter
B	1-9/16 inches
C	2 inches
D	3 inches
DD	Two-3 inch in parrallel
DDDD	Four-3 inch in parrallel
EE	Two-4 inch in parrallel

F B

FUSE SUPPORT - EKO-1 OUTDOOR



EKO-1C



EKO-1D



EKO-1DD



EKO-1DDDD

Catalog No.	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
9F61CKF009	5.5	DDDD	For Bolted-end Fuses refer to drawings.					

Refer to drawings for specific dimensions.

FB



# 9F61 EKO-3 Outdoor Non-Load Disconnect

Medium Voltage Fuse Holders & Clips

## FUSE BLOCKS & HOLDERS

TYPE EK 9F61 SERIES: FUSE SUPPORTS, FUSE DISCONNECT SWITCHES, AND ACCESSORIES FROM 2.4KV TO 38KV



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. 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. Select either a fuse support or a disconnecting switch for each fuse. Fuse supports and disconnecting switches include live parts for both ends. Both fuse supports and fuse disconnect switches can be mounted vertically or horizontally. The type EK are used for indoor installations while the type EKO are used outdoors.

For detailed information regarding these fuse supports and disconnecting switches such as storage, mounting and maintenance, please refer to INST-EK39196 available on our website at [ep.mersen.com](http://ep.mersen.com) or ask your sales representative for a hard copy.

### Indoor:

Fuse supports: . . . . . EK-1

Fuse disconnect switches:  
. . . . . EK-3

### Outdoor:

Fuse supports: . . . . . EKO-1

Fuse disconnect switches:  
. . . . . EKO-3

The letter suffix following the (-1) or the (-3) shows the fuse size.

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

Fuse Size	Ferrule Diameter
B	1-9/16 inches
C	2 inches
D	3 inches
DD	Two-3 inch in parrallel
DDDD	Four-3 inch in parrallel
EE	Two-4 inch in parrallel

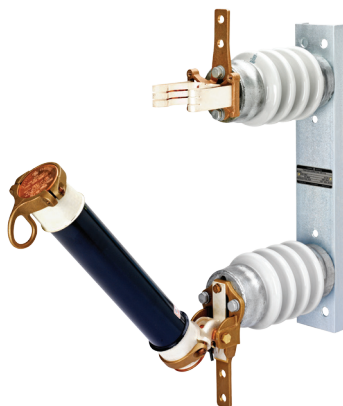




DISCONNECT SWITCH - EKO-3 OUTDOOR



EKO-3C



EKO-3D Open Position



EKO-3DD

Catalog No.	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
9F61CGN210	15.5	C/2.00"	15"	9F61BNW746	9F61BWW457	34.5	200	210
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.

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	9F61AWW612
DD	9F61BLW399	9F61AWW612



EK-3C  
9F61BFW394



EK-3D and DD  
9A61AWW612



EKO-3C  
9F61BJW397



EKO-3D  
9F61BKW398



EKO-3DD  
9F61BLW399

