

# Accessories 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.

### Indoor:

Fuse supports: EK-1  
 Fuse disconnect switches: EK-3

### Outdoor:

Fuse supports: EKO-1  
 Fuse disconnect switches: EKO-3

| Fuse Size | Ferrule Diameter        |
|-----------|-------------------------|
| B         | 1-9/16 inches           |
| C         | 2 inches                |
| D         | 3 inches                |
| DD        | two-3 inch in parallel  |
| DDDD      | four-3 inch in parallel |
| EE        | two-4 inch in parallel  |

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.

For further 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-us.mersen.com](http://ep-us.mersen.com) or ask your sales representative for a hard copy.

## Fuse Support - EK-1 Indoor



EK-1B



EK-1C



EK-1D



EK-1DD



EK-1EE



EK-1DDDD

Refer to drawings for specific dimensions.

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## Fuse Support - EKO-1 Outdoor



EKO-1C



EKO-1D



EKO-1DD



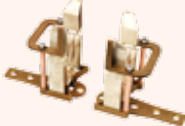



EKO-1DDDD

| 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.

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## 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        |

(\*) 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.