



## Installation Guidelines

### Bushing Connection

200A bushings: P/N's 9433, 9434, 9435

600A bushings: P/N's 9463, 9464, 9465



200A Bushing Well



600A Deadbreak Bushing



#### WARNING

Bushings are rated for electrical WYE configuration only. Do not use bushing in DELTA configuration. Applying in DELTA may result in electrical failure of the bushing and physical injury to nearby personnel.



#### CAUTION

Bushings are not rated for any impact load. Ensure the loading on the bushing is less than the specified Cantilever strength shown in this document. Severe damage and eventual failure of the bushing may result. Use **mechanical isolation braids** for electrical connections to stored energy switches to ensure the connection will not transfer any impact force to the bushing.

#### Mounting:

Bushings can be mounted to equipment using either three-bolt mounting flange (P/N 94XX/9409) with 5/16" or 3/8" diameter bolts or four-bolt mounting flange (P/N 94XX/9410) with 1/4" or 5/16" diameter bolts.



**Note:** Use the proper tool to install the T-body or bushing insert to the bushing with the specified torque. See Mechanical Rating table. Apply a uniform layer of Silicon grease (1/5 oz minimum) at the interface surfaces; wipe off excess grease after installation.

When installing 200A load-break bushing inserts, use a Speed Systems part number BIT/E180AT(H) Loadbreak Torquing tool or equivalent to ensure the proper torque.

#### Specifications:

MECHANICAL RATINGS (on stud)						
Part Number	9433	9434	9435	9463	9464	9465
Voltage (WYE)	15 kV	25 kV	35 kV	15 kV	25 kV	35 kV
Cantilever (lbs)	270	230	200	400	375	300
Axial (lbs)	1,500	1,500	1,500	3,700	3,700	3,700
Torque (ft-lbs)	18	18	18	60	60	60



**Note:** Excessive cantilever load can result from the use of multiple T-body loads on the 600A interface side if the air interface is connected to a rigid bus.