

TYPES BPA AND HPA - VERTICAL, UNDERHUNG, AND 45° UNDERHUNG MOUNTED POWER FUSES

One of the significant advantages associated with the BPA and HPA power fuses is the low cost of restoring these units to service after an operation. A special fuse kit, developed by Southern States, makes them easy and inexpensive to re-fuse. The fuse kit consists of an expendable cap, fuse link assembly, and disposable re-fusing tool. No other parts are required. The fuse kits are available in four speed ratios: PF (slow speed), PM (medium speed), PX (fast speed) and the EEI-NEMA Type PE. Time-current characteristic curves are available. It is recommended that links be applied in fuse holders in accordance with the coordination chart at right.

LINK-HOLDER COORDINATION	
LINK RATING AMPERES	FUSE HOLDER RATING AMPERES
1 - 100	100
125 - 200	200
250 - 300	300
350 - 400	400

NOTICE: Buttonhead **MUST** be solidly tightened against collar; however, be careful not to twist fuse elements during installation.

STANDARD RE-FUSING PROCEDURE

FOR FUSES RATED 100 AMPERES



STEP 1: Install re-fusing tool in fuse link and remove buttonhead if necessary.

Note: Re-Fusing tool has left-hand thread.



STEP 2: Insert tip of re-fusing tool into lower end of fuse tube. Push link through tube until ejector spring seats on counterbored shoulder inside fuse tube.



STEP 3: Pull re-fusing tool, compressing ejector spring. Screw buttonhead onto threaded ferrule. Remove and discard re-fusing tool.



STEP 4: Screw expandable cap into place.

FOR FUSES RATED 200-300-400 AMPERES



STEP 1: Install re-fusing tool in fuse link and remove buttonhead if necessary.

Note: Re-Fusing tool has left-hand thread.



STEP 2: Insert tip of re-fusing tool into lower end of fuse tube. Push link through tube until ejector spring seats on counterbored shoulder inside fuse tube.

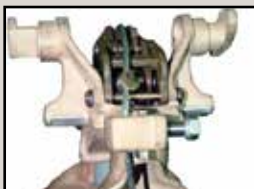


STEP 3: Pull re-fusing tool, compressing ejector spring.
Special Note: Screw buttonhead onto threaded ferrule in position shown. Remove and discard re-fusing.



STEP 4: Screw expandable cap into place, taking care not to remove silicone sealing compound applied inside cap.

PROCEDURE FOR TERMINATING LOWER CABLE ON FUSES OF ALL RATINGS



STEP 1: Insert lower end of cable under keeper in bottom fuse holder assembly. Hold link ejector in position shown.



STEP 2: Pull link tight and tighten bolt.



STEP 3: Clip off excess cable.



STEP 4: Fuse holder is now ready for service.