



# S&C ELECTRIC COMPANY

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*Specialists in High-Voltage Switching and Protection*

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File No. 7.1/37  
Serial No. 40-CERT86-158

## STATEMENT OF PERFORMANCE

### TYPE OF PERFORMANCE

Time-Current Characteristics  
Minimum Melting  
Total Clearing

### TYPE OF EQUIPMENT

S&C Positrol Fuse Links, Universal Style, "K" Speed, TCC 165, Ampere Ratings 6K, 10K, and 30K as manufactured by Fammi Fami, Buenos Aires, Argentina.

### DISCUSSION

The fuse links under Type of Equipment are identical in all respects with similarly identified fuse links manufactured by S&C Electric Company, Chicago, Illinois. All S&C positrol fuse links have been tested in accordance with procedures described in ANSI C37.41-1981, "Design Tests for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches and Accessories", and comply with requirements in ANSI C37.42-1981, "Specifications for Distribution Cutouts and Fuse Links".

In accordance with these Standards, all test points for minimum melting time-current characteristics have established minimum response curves and plus-tolerances on current. Interrupting tests, using representative fuse links in distribution cutouts, have established maximum arcing times which, when added to maximum melting time-current characteristics (minimum characteristics plus tolerance), determine total clearing time-current characteristics.

### CONCLUSION

Time-current characteristics for S&C 6K, 10K and 30K Positrol Fuse Links, have been determined, and are in conformance with published TCC 165-6 minimum melting and TCC 165-6-2 total clearing characteristic curves. The fuse links listed under Type of Equipment, being identical in all respects with those tested, will have the same time-current characteristics as those tested.

