



S&C ELECTRIC COMPANY

GENERAL OFFICES • CHICAGO

Specialists in High-Voltage Switching and Protection

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STATEMENT OF PERFORMANCE

TYPE OF PERFORMANCE

Time-Current Characteristics
Minimum Melting
Total Clearing

TYPE OF EQUIPMENT

S&C Positrol Fuse Links, Universal Style, in the following speed characteristics and ratings:

Standard Speed, TCC 123, Ampere Ratings 1-200
"K" Speed, TCC 165, Ampere Ratings 6K-200K
"T" Speed, TCC 170, Ampere Ratings 6T-200T
"N" Speed, TCC 167, Ampere Ratings 5N-200N
"QR" Speed, TCC 166, Ampere Ratings 1QR-200QR
"DR" Speed, TCC 175, Ampere Ratings, 3DR-20DR

DISCUSSION

The fuse links under Type of Equipment have been tested in accordance with procedures described in ANSI C37.41-2000, "Design Tests for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches and Accessories", additionally "K" Speed and "T" Speed fuse links comply with requirements in ANSI C37.42-1996, 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.

