



MINIMUM MELTING TIME-CURRENT CHARACTERISTIC CURVES

SM REFILL UNITS FOR VOLTAGE-TRANSFORMER APPLICATIONS — S&C STANDARD SPEED

BASIS—These refill units are tested in accordance with the procedures described in ANSI Standard C37.41-1981. As required by this standard, the minimum melting curves are based on tests starting with the refill unit at an ambient temperature of 25°C and no initial load.

CONSTRUCTION—Fusible elements are nickel-chrome, under controlled tension, and of solderless construction.

TOLERANCES—Curves are plotted to minimum test points. Maximum variations expressed in current values are plus 20%.

APPLICATION—Since these refill units have nickel-chrome element construction which is not subject to damage by aging or transient overcurrents, it is unnecessary to replace unblown refill units in single-phase or three-phase installations when one or more refill units have blown.

REFILL UNITS AVAILABLE—

Refill Unit	kV Nom. Ratings	Ampere Ratings
SM-4	7.2 through 34.5	1 and 2
SM-5	4.16 through 34.5	1 and 2