



Minimum Melting Time-Current Characteristic Curves

SMD[®] Fuse Units For Voltage Transformer Applications—S&C Standard Speed

BASIS—These fuse units are tested in accordance with the procedures described in IEEE Standard C37.41. As required by this standard, the minimum melting curves are based on tests starting with the fuse unit at an ambient temperature of 25°C (77°F) 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—Because these fuse units have nickel-chrome element construction not subject to damage by aging or transient overcurrents, it is unnecessary to replace unblown fuse units in single-phase or three-phase installations when one or more fuse units has blown.

FUSE UNITS AVAILABLE

Type	Nom. Ratings (kV)	Ampere Ratings
SMD-1A●	34.5 through 69	1
SMD-2B●	69 through 138	1
SMD-2C●	34.5 and 46	1
SMD-3	69	1

● These curves are also applicable to previous designs designated SMD-1, SMD-2, SMD-2A, and SMD-2B.

