Since fuse units having nickel-chrome or silver element construction are not subject to damage byKing's transient overcurrents, it is unnecessary to replace unblown fuse units of either of these constructions in singleshore installations when one or more fuse units have blown.

**APPLICATION**

- For fuse units rated 3E through 400E amperes: Silver, helically coiled, nickel-chrome, under controlled tension, fusible elements for fuse units rated 3E through 400E amperes are silver, helically coiled. All are of solderless construction.
- Plus 10% for 2E through 3E ampere ratings.
- Plus 15% for SE through 20E ampere ratings.
- Plus 20% for SE ampere rating.

**COORDINATION**

- Any preloading reduces melting time. While this phenomenon especially pronounced in other makes of fuses having minimum melting currents appreciably less than 200% of rating, the effect of preloading must nonetheless be determined for the S&C fuse units represented by these curves (see S&C Data Bulletin 240-195) and adjustments to these curves must be made:
  1. When close coordination is required.
  2. When, regardless of the preciseness of coordination, the fuse unit is subjected to temporary overloads.

**BASIS**

- These fuse units are tested in accordance with the procedures described in ANSI Standard C37.41-1981, and they are related to ANSI Standard C37.46-1981. As required by these standards, the minimum melting current is not less than 200% of fuse-unit ampere rating, and the minimum melting curves are based on tests starting with the fuse unit at an ambient temperature of 25°C and no initial load.

**CONSTRUCTION**

- Fusible elements for fuse units rated 3E through 7E amperes are nickel-chrome, under controlled tension, fusible elements for fuse units rated 10E through 400E amperes are silver, helically coiled. All are of solderless construction.

**TOLERANCES**

- Curves are plotted to minimum test points. Maximum variations expressed in current values are:
  - Plus 10% for 1E through 400E ampere ratings.
  - Plus 15% for SE through 200E ampere ratings.
  - Plus 20% for 3E ampere rating.

**APPLICATION**

- Like all high-voltage fuses, these fuse units are sensitive to delays when tripping. These fuse units have considerable peak-load capabilities; however, they should never be exposed to loading in excess of the peak-load capabilities listed in S&C Data Bulletin 240-195.

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