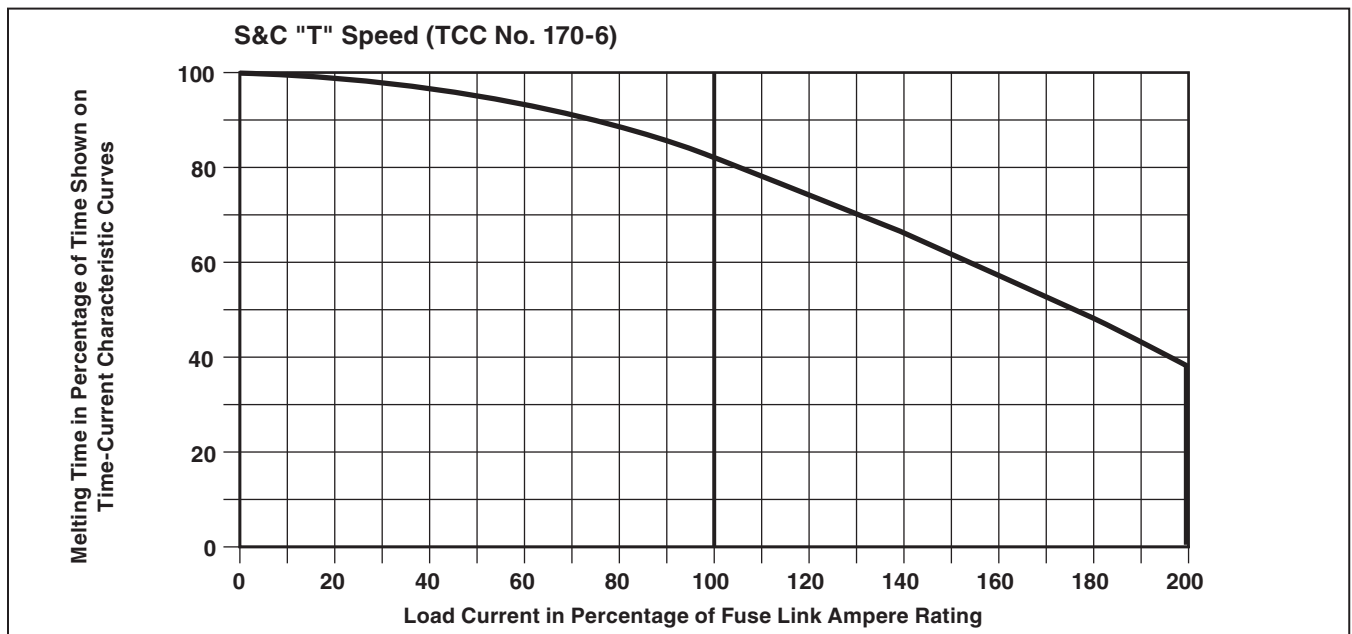
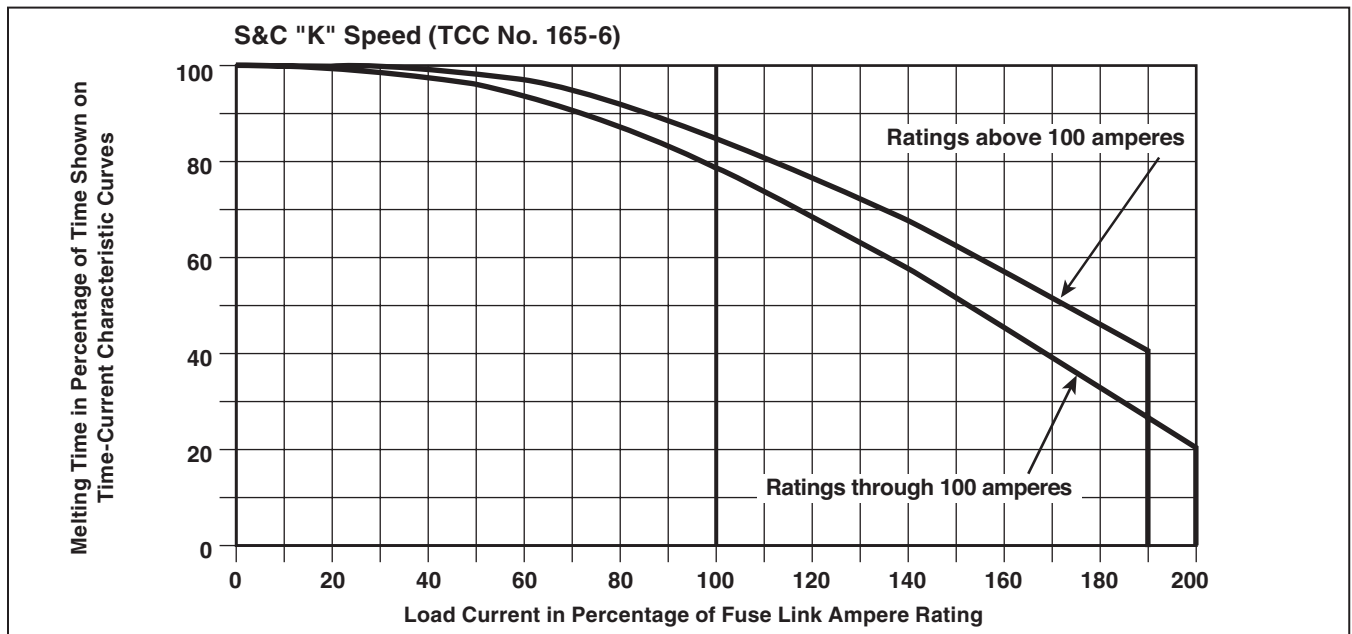


In accordance with procedures described in ANSI/IEEE Standard C37.41, minimum melting time-current characteristic curves for S&C Positrol Fuse Links are based on tests starting at no initial load. When in service, of course, every fuse link will be carrying a load that may approach or even exceed the ampere rating. This preloading raises the temperature of the fusible element, reducing the melting time for a given value of current.

To ensure precise coordination of fuse links with other fuse links or with automatic circuit reclosers, the

published minimum melting time-current characteristic curves must be adjusted for the expected preloading condition. Preloading adjustment factors are shown in this publication for “K,” “T,” Standard, “N,” “QR,” and “DR” Speed Positrol Fuse Links.

These factors are applicable only to S&C Positrol Fuse Links because their derivation is dependent upon not only element construction but also the relationship of the minimum melting current to the ampere rating of the fuse link.



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