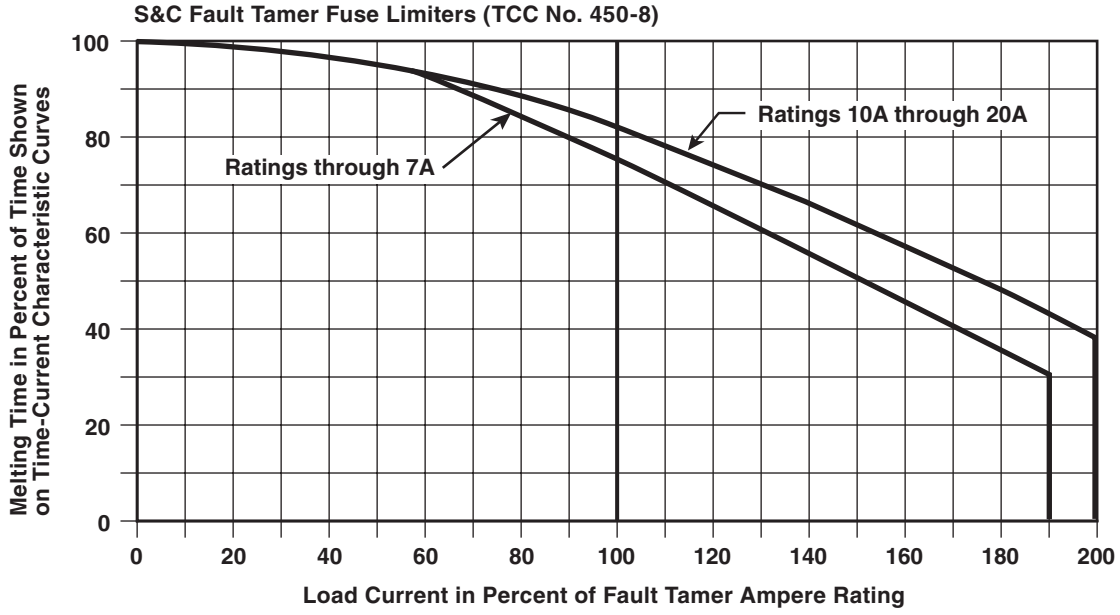
In accordance with procedures described in ANSI Standard C37.41, minimum melting time-current characteristic curves for S&C Fault Tamer Fuse Limiters are based on tests starting at no initial load. When in service, of course, every Fault Tamer will be carrying a load that may approach or even exceed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

To ensure precise coordination of Fault Tamers with load-side devices, it is necessary that the published minimum melting time-current characteristic curves be adjusted for the expected preloading condition. Preloading adjustment factors are shown in this publication for Fault Tamer Fuse Limiters. These factors are applicable only to S&C Fault Tamer Fuse Limiters, since their derivation is dependent upon not only element construction but also the relationship of the minimum melting current to the ampere rating of the Fault Tamer Fuse Limiter.



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