

In accordance with procedures described in IEEE Standard C37.41, minimum melting time-current characteristic (TCC) curves for Fault Tamer Fuse Limiters are based on tests starting with the fuse limiter at an ambient temperature of 25°C (77°F) and no initial load. When in service, Fault Tamer Fuse Limiters may operate in an ambient temperature other than 25°C (77°F). This difference in ambient temperature will affect the melting time of the fuse limiter slightly.

For typical coordination requirements, this shift in melting time caused by high or low ambient temperatures may be ignored. Nonetheless, where temperature ranges are extreme, it may be desirable to consider the actual shift in the fuse limiter's melting time. The ambient temperature adjustment factors shown in Figure 1 are applicable only to S&C Fault Tamer Fuse Limiters because their derivation is dependent on the construction of the fusible element.

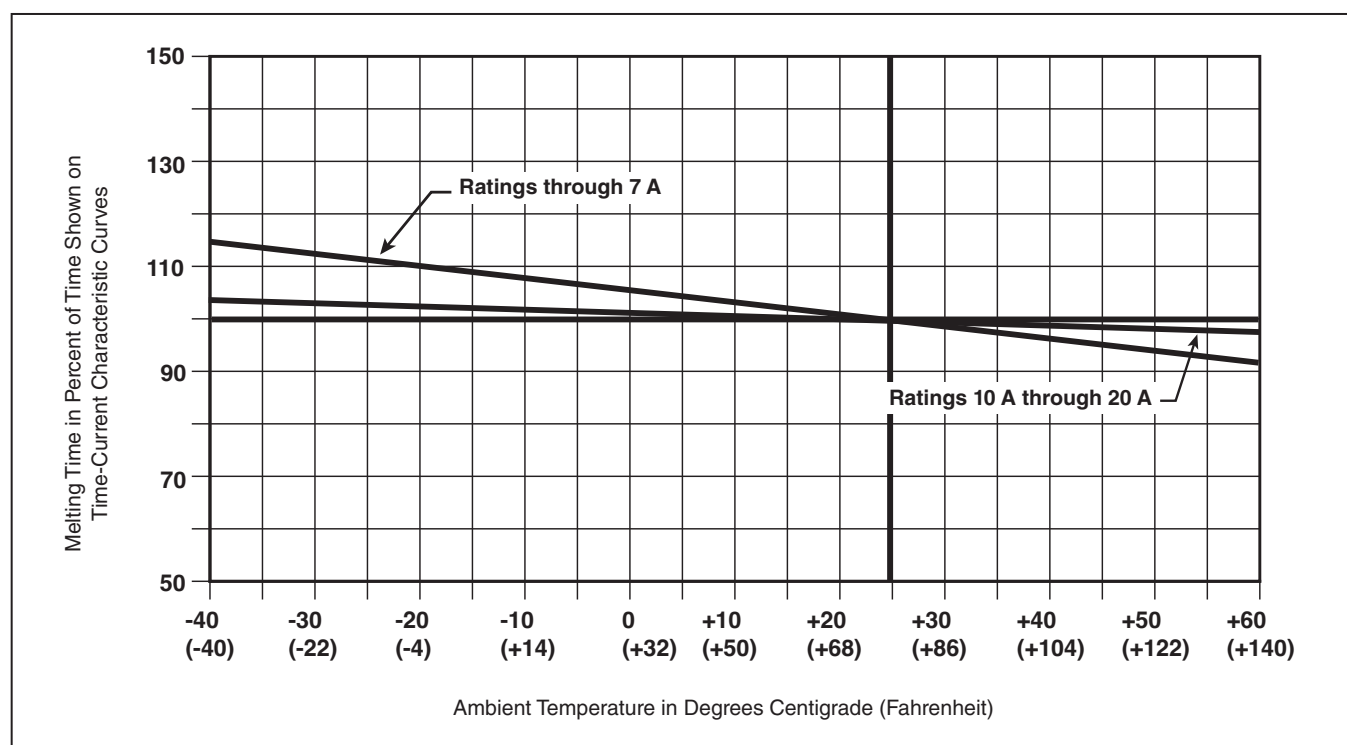


Figure 1. Fault Tamer Fuse Limiters (TCC No. 450-8)



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