

As the continuous and emergency 8-hour peak-load capability values listed in Table 1 indicate, Fault Tamer Fuse Limiters can be subjected to currents in excess of their ampere ratings without permanently damaging the fusible elements in either the limiter or fuse. Such overloading is not generally recommended, however, because this can result in loss of coordination with other protective devices.

The continuous and emergency 8-hour peak-load capability values are based on a 24-hour average ambient temperature of 25°C (77°F).

For each degree centigrade the average ambient temperature is below 25°C, increase the listed values by 1% per degree centigrade for fuse cartridges rated 3 A through 5 A, and 0.5% per degree centigrade for fuse cartridges rated 7 A through 20 A.

For each degree centigrade the average ambient temperature is above 25°C, decrease the listed values by 1% per degree centigrade for fuse cartridges rated 3 A through 5 A, and 0.5% per degree centigrade for fuse cartridges rated 7 A through 20 A.

These peak-load capability values apply only when Fault Tamer Fuse Limiters are used in 100- or 200-ampere open distribution cutouts made in the United States that meet ANSI standards for temperature rise.

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

Rating, in Amperes	Peak-Load Capability, in Amperes	
	Continuous	Emergency, 8-Hour
3	3.9	3.9
4	5.2	5.2
5	6.5	6.5
7	9.1	9.1
10	13.0	13.0
15	19.5	19.5
20	20.0	20.0



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