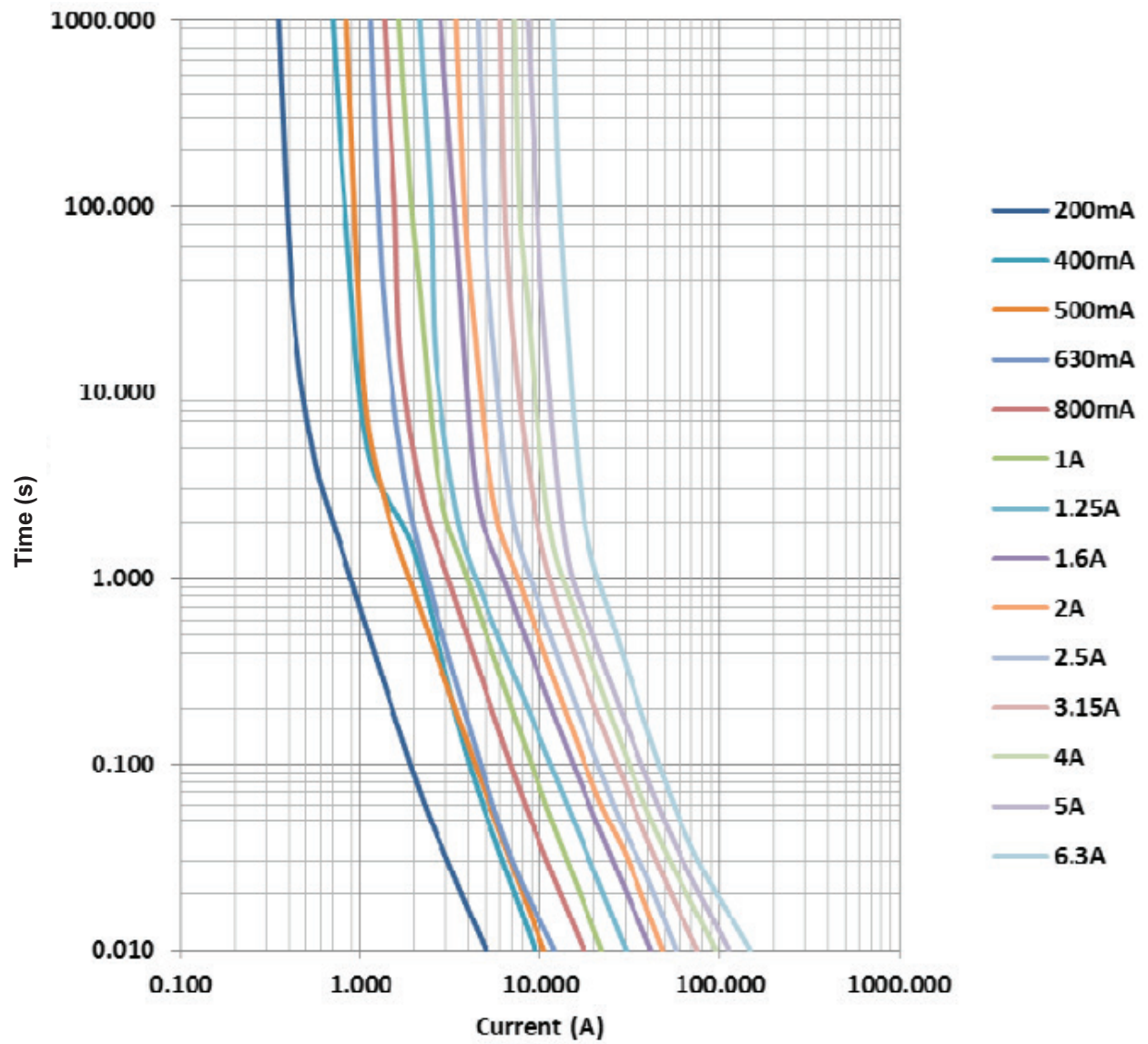**Time vs. current curve**

I²t vs. time curve