MINIMUM TRIPPING TIME-CURRENT CHARACTERISTIC CURVES

SINGLE FAULT FILER® ELECTRONIC POWER FUSES
INVERSE-CURVE-TYPE CONTROL MODULES

**Basis**—The minimum tripping time-current characteristic curves shown above are applicable over the entire Fault Filer Electronic Power Fuses operating temperature range of -40°C to +60°C. No adjustments need be made to these curves for ambient temperatures within this temperature range, or to reflect load-heating due to the flow of load current.

**Tolerances**—Curves are plotted to minimum test points; maximum variations expressed in voltage values are plus 10%.

**Application**—The maximum continuous current-carrying capability of S&C Fault Filer Electronic Power Fuses is 600 amperes rms, regardless of the control module selected.

Since fault time-current characteristics are electronically derived, they are not subject to changes due to aging, transient over-currents, or fault currents. It is, therefore, unnecessary to replace Fault Filer Control Modules following a fault-clearing operation—only blown Fault Filer Interrupting Modules need be replaced.

**Important**—S&C Fault Filer Electronic Power Fuses Control Modules must be selected by qualified persons who are knowledgeable in the subjects of equipment protection and time-current coordination, and who understand the consequences of improperly coordinated overcurrent protective devices. Failure to achieve complete coordination between Fault Filer Electronic Power Fuses and source-side or load-side protective devices may result in improper operation of one or more Fault Filer Fuses.