



## TOTAL CLEARING TIME-CURRENT CHARACTERISTIC CURVES

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

**BASIS**—The total clearing time-current characteristic curves shown above are applicable over the entire Fault Fiter Electronic Power Fuse operating temperature range of -40°C to +55°C. No adjustments need be made to these curves for ambient temperatures within this temperature range, or to reflect self-heating due to the flow of load current.

**TOLERANCES**—Curves are plotted to maximum test points; all variations are minus.

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

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

**IMPORTANT**—S&C Fault Fiter Electronic Power Fuse 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 Fiter Electronic Power Fuses and source-side or load-side protective devices may result in improper operation of one or more Fault Fiter Fuses.