



## MINIMUM TRIPPING & TOTAL CLEARING TIME-CURRENT CHARACTERISTIC CURVES

### FAULT FITER® ELECTRONIC POWER FUSES— TIME-DELAYED COMPOUND-CURVE-TYPE CONTROL MODULE

**BASIS**—The minimum tripping and total clearing time-current characteristics 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**—Minimum tripping characteristics are plotted to minimum test points; maximum variations expressed in current values are plus 10%. Total clearing characteristics 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 overcurrents, 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.

