



Minimum Melting Time-Current Characteristic Curves

Single Fault Fiter® Electronic Power Fuses Inverse-Curve-Type Control Modules

BASIS—The minimum tripping 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 (-40°F to +131°F). No adjustments must be made to these curves for ambient temperatures within this temperature range or to reflect self-heating caused by the flow of load current.

TOLERANCES—Curves are plotted to minimum test points; maximum variations expressed in current values are plus 10%.

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

Because Fault Fiter Electronic Power Fuse time-current characteristics are electronically derived, they are not subject to change caused by 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 must be replaced.

IMPORTANT: Fault Fiter Electronic Power Fuse control modules must be selected by qualified persons knowledgeable in 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.

