Available Control Modules

Minimum pickup & 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 electrically 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.