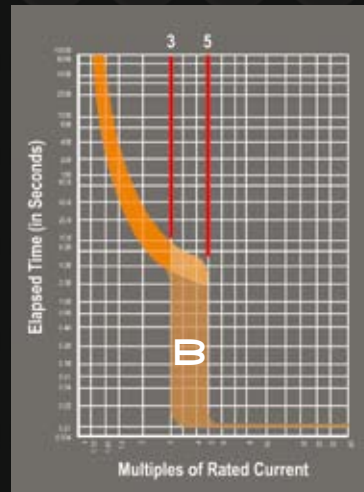
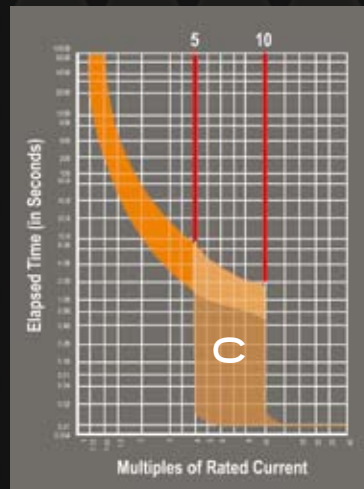


# tripping curves

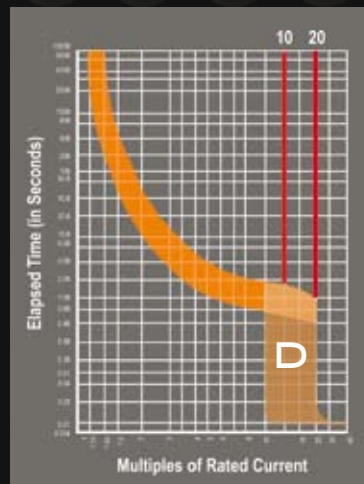
'B' Curve



'C' Curve



'D' Curve



Protek MCB's are available in B, C or D Curves for single Pole MCB's and in C & D Curves for Double and Triple Pole MCB's,

**ALL Protek MCB's are now rated at 10kA Short Circuit Capacity with Positive Contact Indication**

The tripping characteristics are displayed on the right and explained below;

**'B' Curve to BSEN 60898 (Magnetic Trip 3 to 5 Times In)**

Used in domestic situations where the maximum sensitivity is required and very little equipment with high start up current is required.

**'C' Curve to BSEN 60898 (Magnetic Trip 5 to 10 Times In)**

Used in commercial/light industrial situations where close protection is not required and start up currents of devices can run up to 5 times rated current or a short period. Also if many low voltage lights are used in a domestic situation then, due to the inrush currents of the transformers type 'C' MCB's may be required to avoid nuisance tripping.

**'D' Curve to BSEN 60898 (Magnetic Trip 10 to 20 Times In)**

Used in industrial situations where start-up currents may be 10 times rated current, for example protection for machines with electric motors fitted, large installation with a high volume of low voltage lighting may also require 'D' Curve.