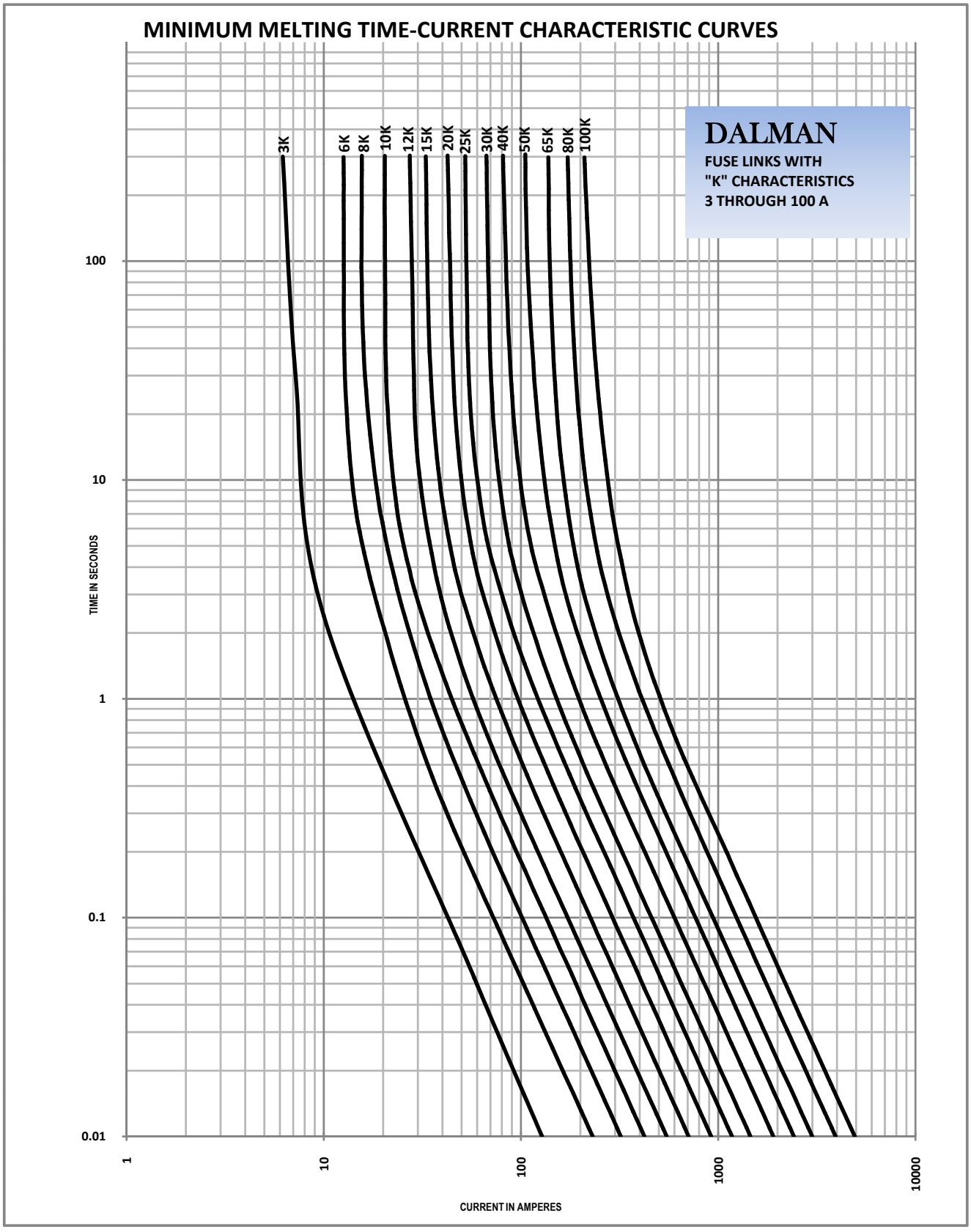MINIMUM MELTING TIME-CURRENT CHARACTERISTIC CURVES