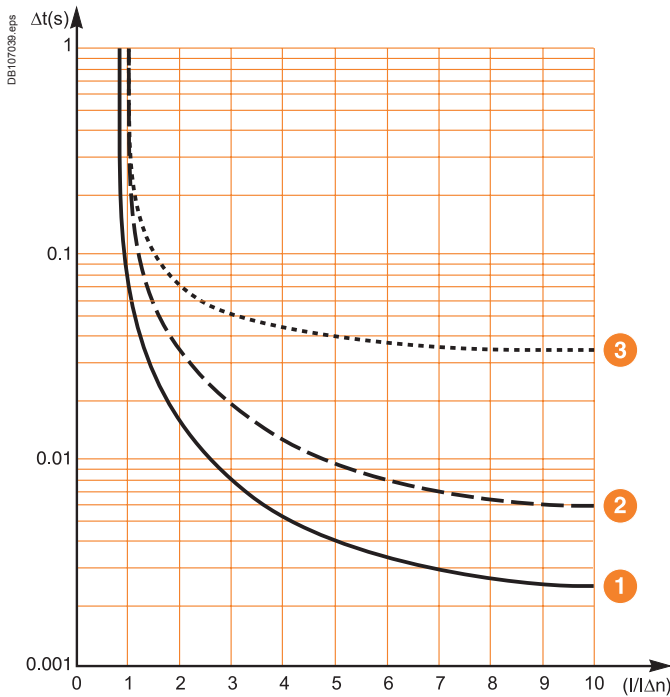


Tripping curves and frequency filtering

RH10, RH21 and RH99

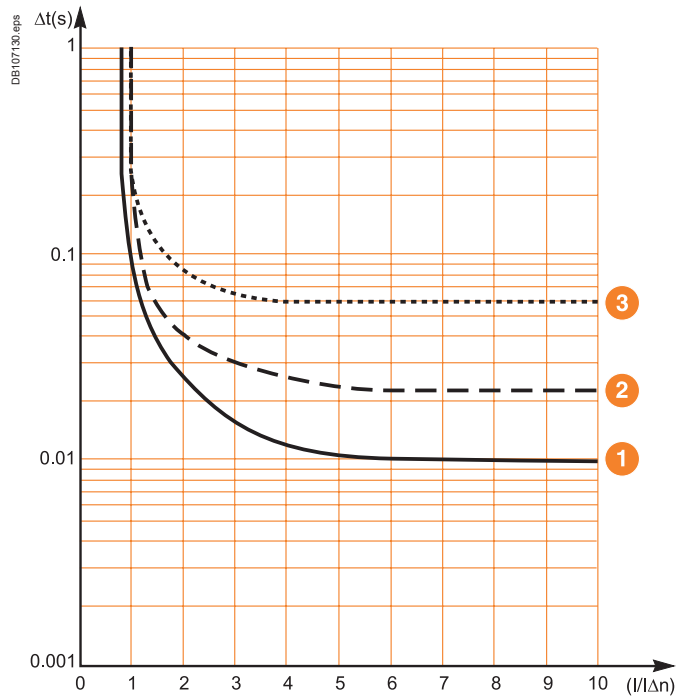
Instantaneous relay, $I_{\Delta n}$ setting = 30 mA



1 Non-operating time.

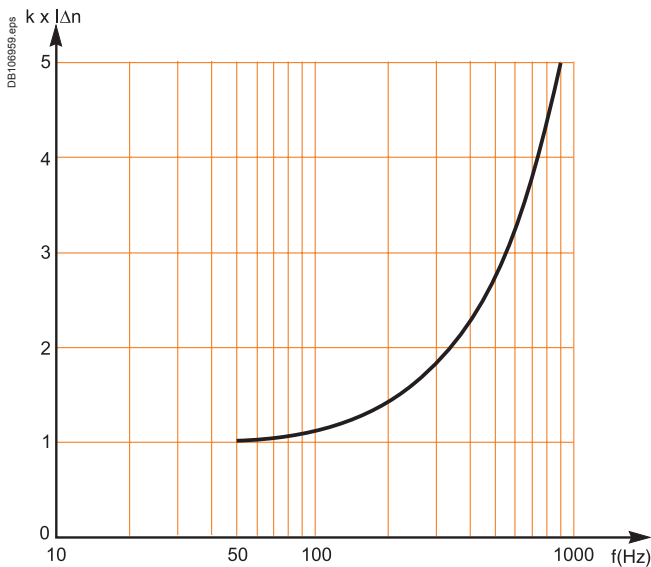
2 Operating time.

Instantaneous relay, $I_{\Delta n}$ setting > 30 mA



3 Total break time.

Frequency filtering



Example

At 50 Hz, the tripping threshold is $I_{\Delta n}$.

At 900 Hz, the tripping threshold is $k \times I_{\Delta n}$ (where $k = 5$).

Delayed relay for $I_{\Delta n} > 30$ mA

