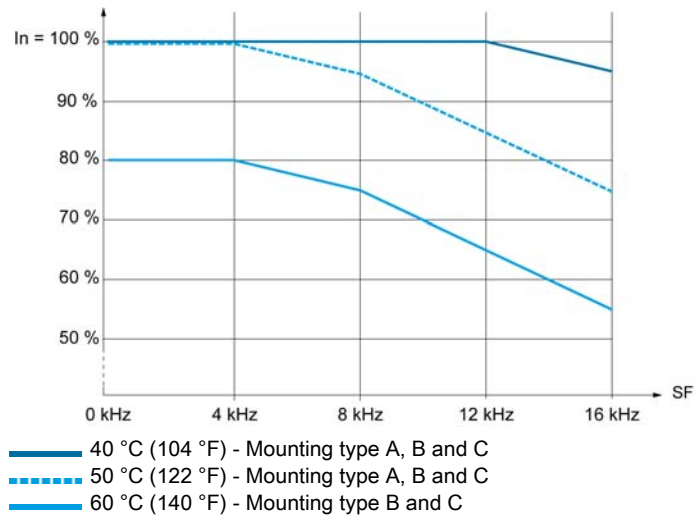


## Derating Curves

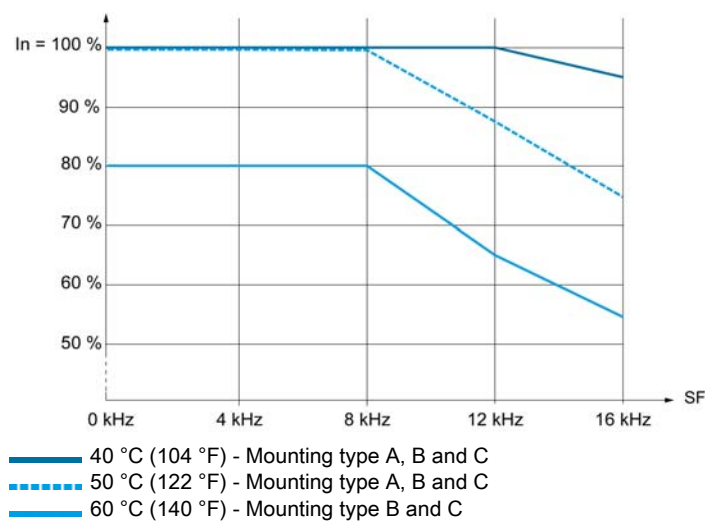
### Description

Derating curves for the nominal drive current ( $I_n$ ) as a function of temperature and switching frequency. Refer to the Mounting Conditions chapter ([see page 95](#)) for the mounting types description.

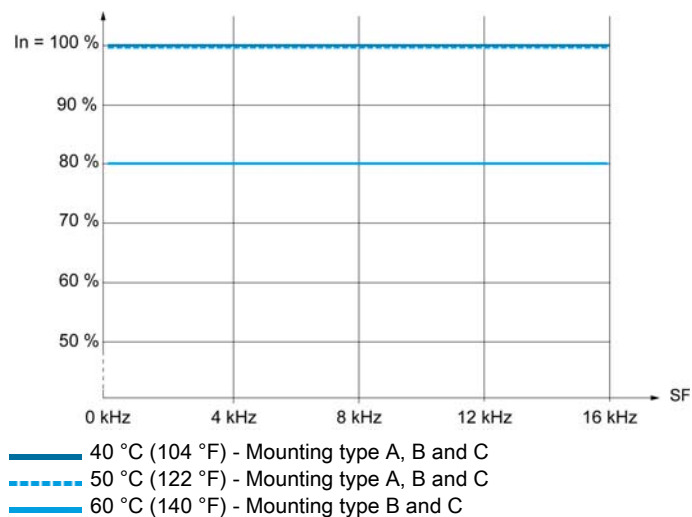
### Frame Size 1 - 200...240 V



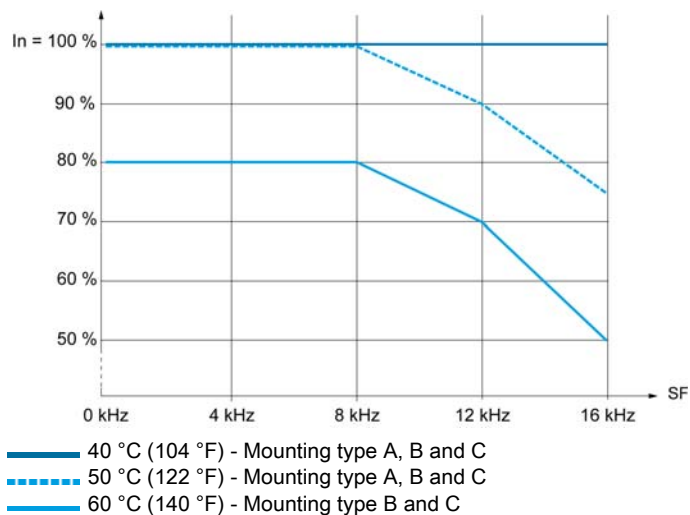
### Frame Size 1 - 380...480 V



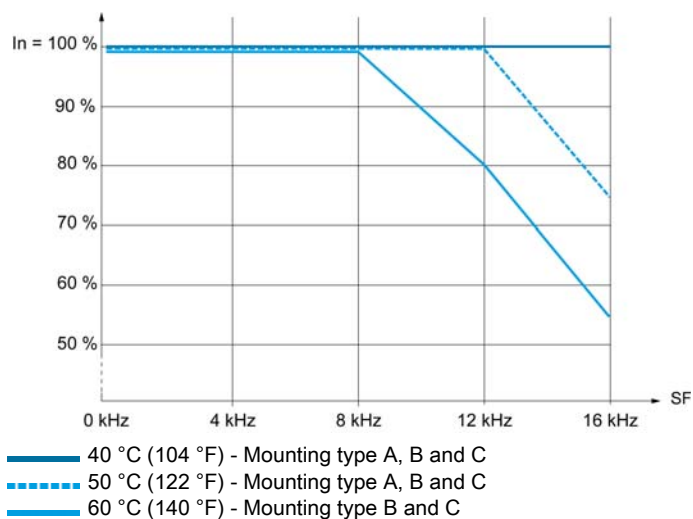
### Frame Size 2 - 200...240 V



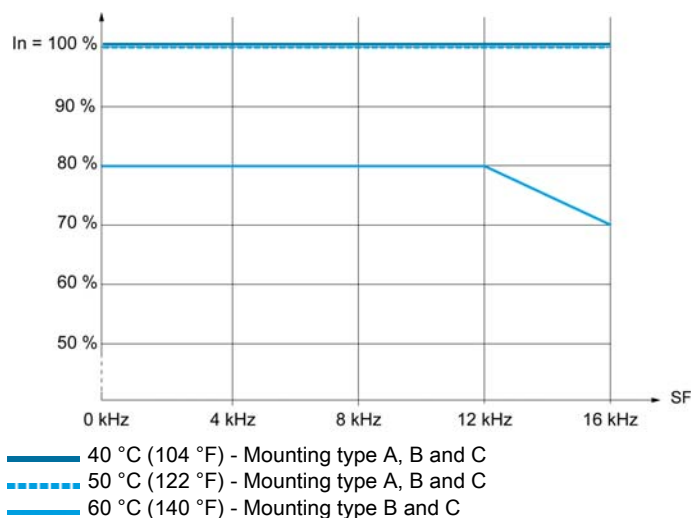
### Frame Size 2 - 380...480 V



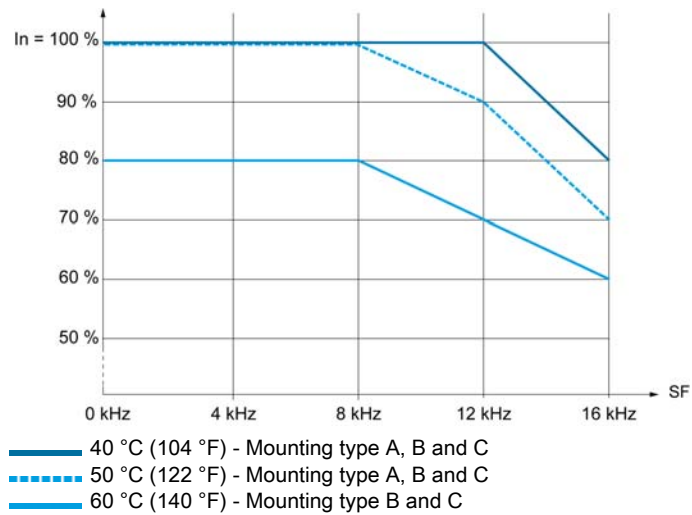
### Frame Size 2 - 600 V



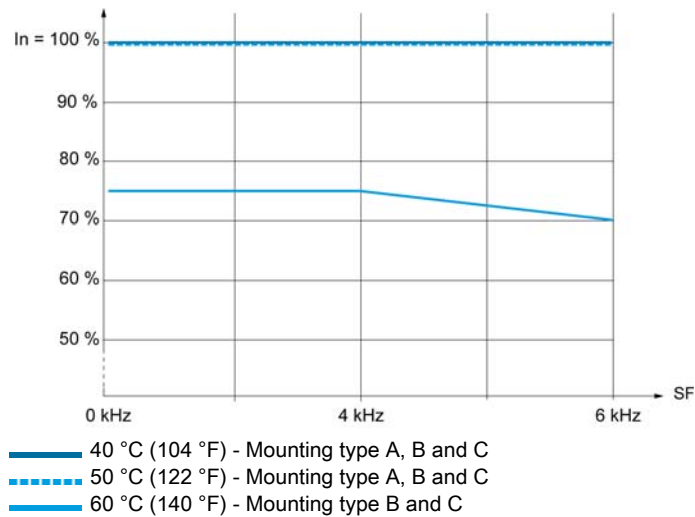
### Frame Size 3 - 200...240 V



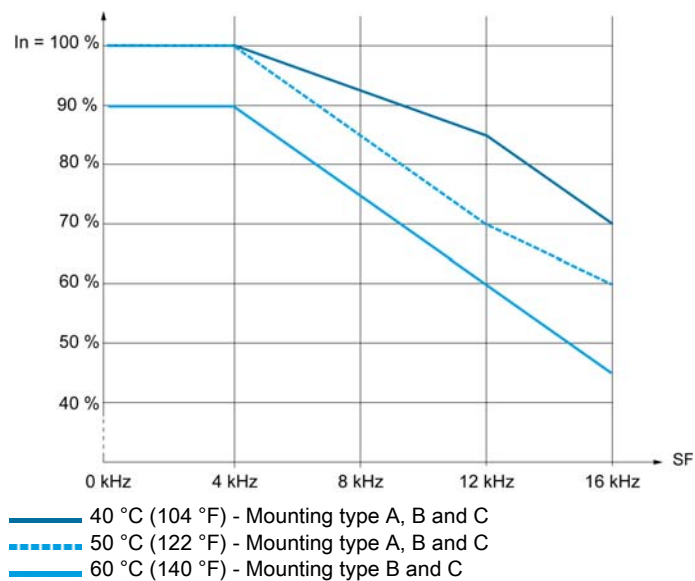
### Frame Size 3 - 380...480 V



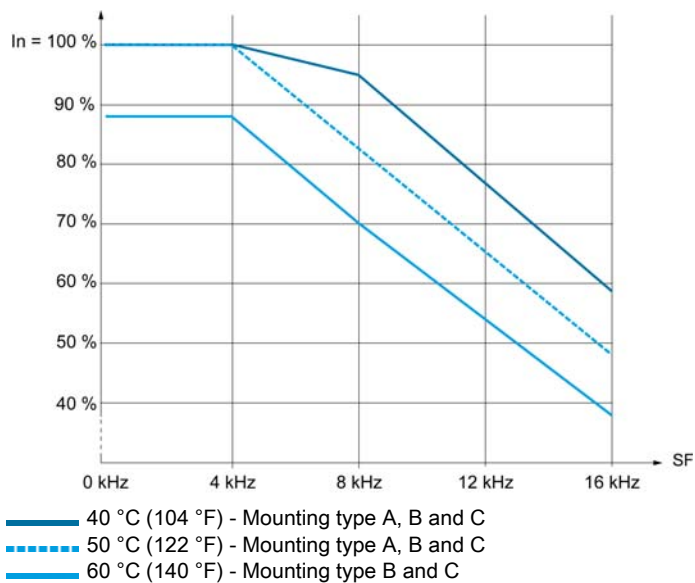
### Frame Size 3S and 3Y - 600 V and 500...690 V



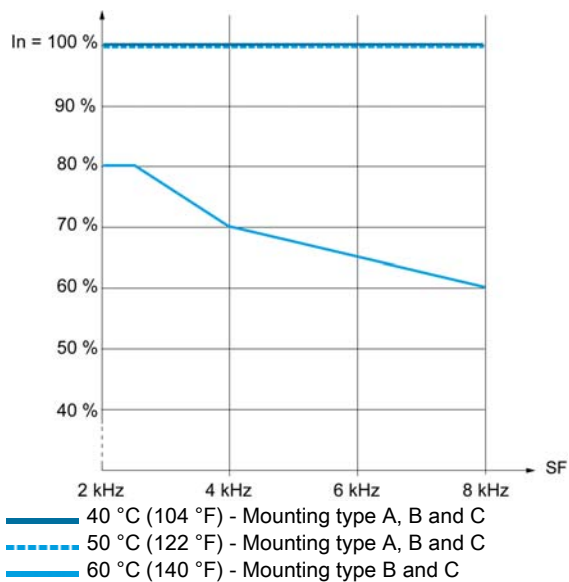
### Frame Size 4 - 200...240 V



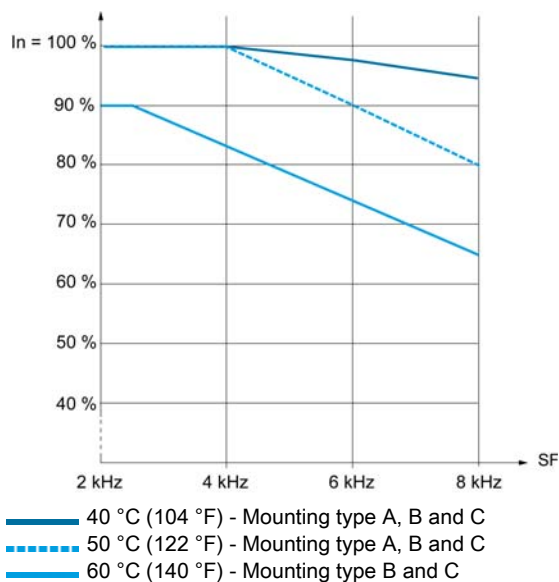
## Frame Size 4 - 380...480 V



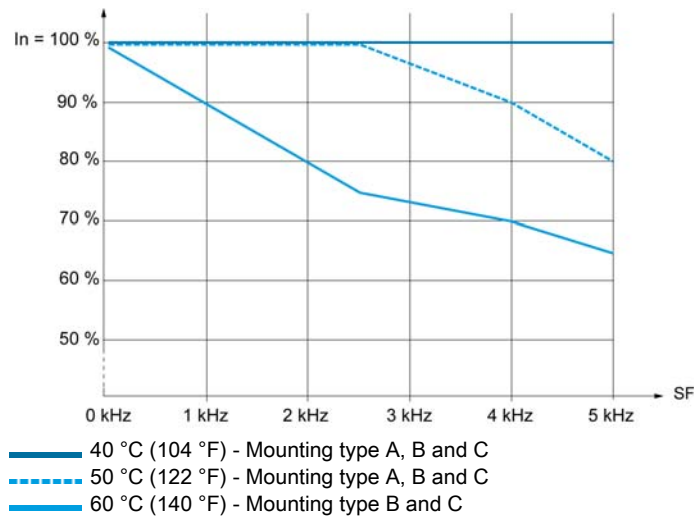
## Frame Size 5 - 200...240 V



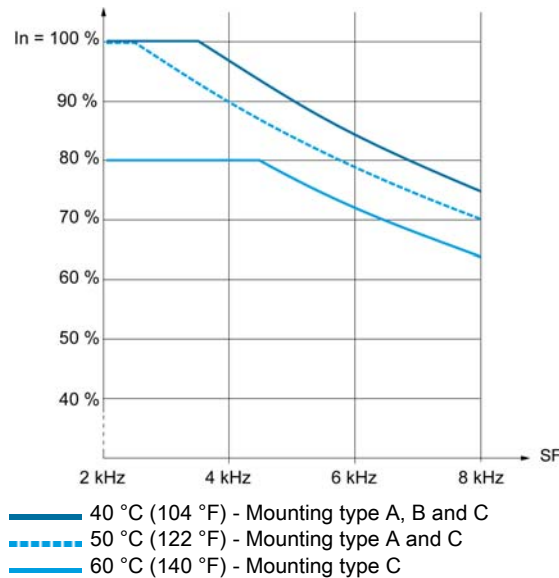
## Frame Size 5 - 380...480 V -



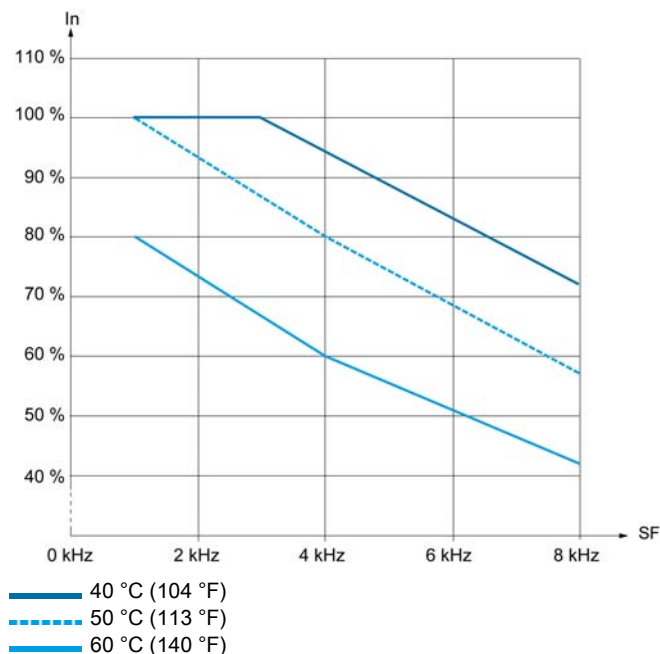
### Frame Size 5S and 5Y - 600 V and 500...690 V



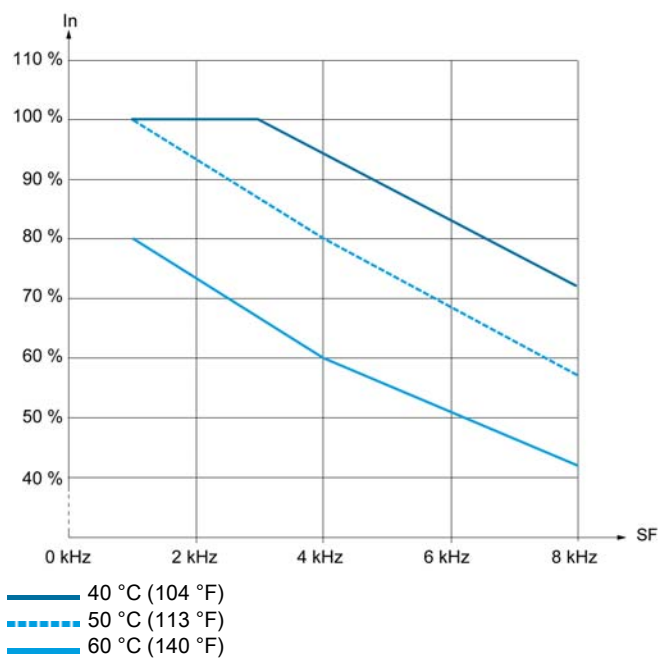
### Frame Size 6 - 200...240 V and 380...480 V



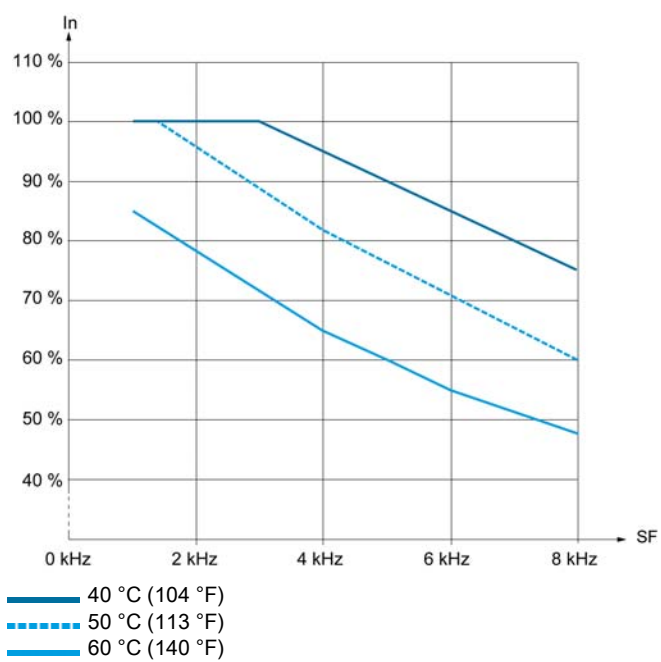
### Frame Size 7A - 380...480 V - 220 kW



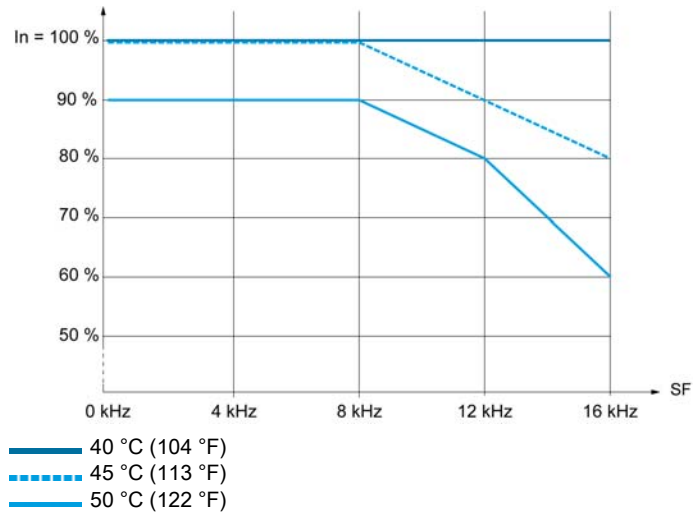
### Frame Size 7B - 380...480 V - 250 kW



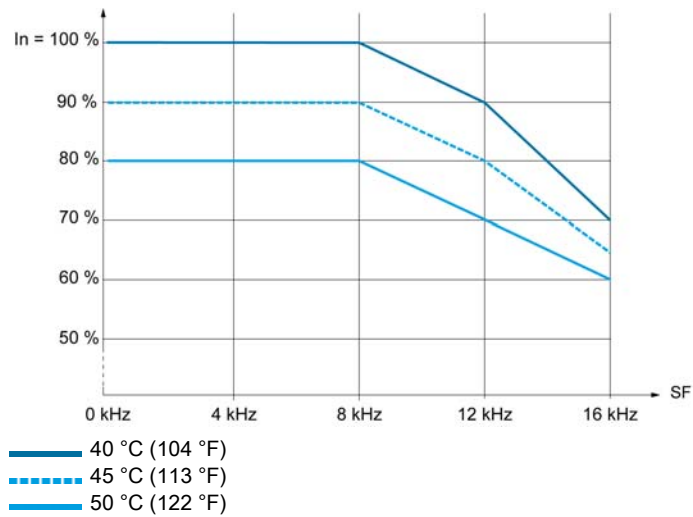
### Frame Size 7B - 380...480 V - 315 kW



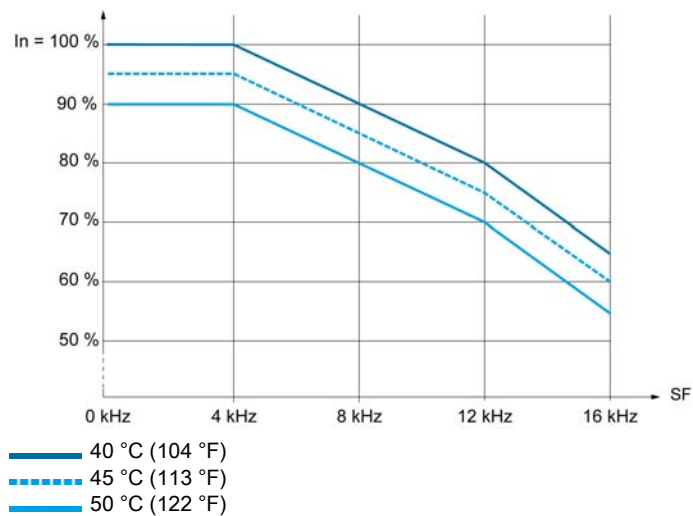
### Frame Size A up to ATV650D11N4



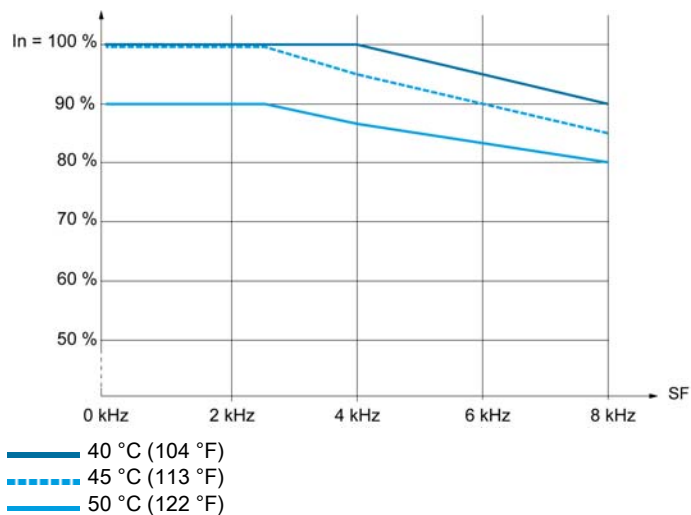
### Frame Size A, ATV650D15N4 to D22N4



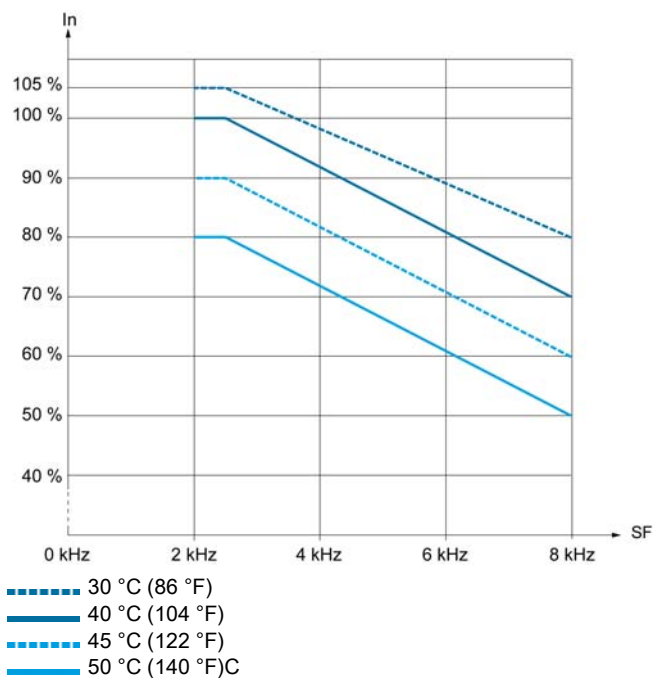
### Frame Size B



## Frame Size C



## Floor Standing Drives - All Frame Sizes - 380...440 V - Normal Duty



## Floor Standing Drives - All Frame Sizes - 380...440 V - Heavy Duty

