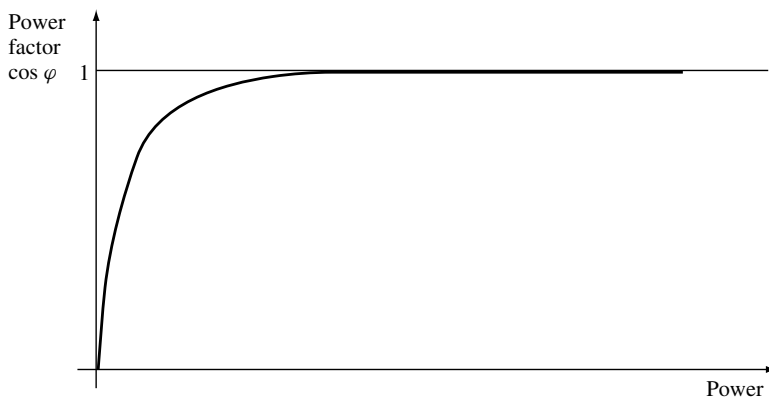


**Figure 19.47** Current–time diagram for different fuse types: (a) characteristic left and (b) characteristic right (DIN EN 60898, DIN EN 62019)



**Figure 19.48** Power factor as a function of the output power of a typical grid-connected inverter

For grid-connected inverters’ the THD of the current injected into the grid is used to describe the inverters’ quality. The THD of the injected current, which is defined in the same way as was done for the voltage. A high-quality grid-connected inverter shows a THD in the current that is below 5%.