All overcurrent protection devices (e.g. automatic fuses, PTC:s, circuit breakers) shall be selected to match the specific application and shall be chosen to exceed the required vehicle service life without any functional degradation.

Means for providing an indication to the driver (e.g. visual, audible) in case of permanent or frequent activation of the overcurrent protection is required.

For semiconductors used as an OCPD an active overload/over-temperature protection is required. This protection shall not rely solely on the intrinsic over-temperature behavior of the device.

Note: Extended or multiple short circuits or overload situations must normally be handled by software in combination with the intrinsic over-temperature protection in the semiconductor.

The vehicle moves.