



SEREB® Thermal Battery Protection Switches

SEREB® thermal protection switches are resettable mini-breakers integrated into the battery cells of portable electronic devices such as smartphones and tablet PCs. They interrupt current flow in the event of a device overheating, or when overcurrent causes self-generation of abnormal heat levels. In these situations, the rise in temperature causes the bimetal element within the protector to reverse, shunting the conductive line to the PTC ceramic. The bimetal element remains reversed until there is a sufficient voltage drop.

YOUR ADVANTAGES

- Low-profile and lightweight construction with maximum height of just 1.05 mm.
- Various operating temperatures of 72°C, 77°C, 82°C and 85°C.
- Compliant with RoHS and REACH guidelines.
- Halogen-free.