



EATON'S NEW SELF-CONTROL-FUSE Enhancing Li-Ion battery pack safety

EATON
Powering Business Worldwide

SCF = Self Control Fuse is an externally triggerable fuse to provide secondary line protection for battery packs. SCF can be triggered by activating a heater (powered by the battery itself or charger) in case of: battery pack overcharge, cell over- or under-voltage, high temperature.

Key Features

- 3 sizes available: 4x3mm, 5x3mm and 10x5mm
- 12-45A current range
- 83 different configuration for 1-24s cell packs
- -20/+60C operating temp range
- cURus certified

Key Applications

- Battery powered power tools
- Battery powered vacuum cleaners and robots
- eBikes, eRollers
- AGVs

Key Benefits

- Cost efficient secondary battery pack protection
- High reliability protection solution
- Easy integration for most battery packs up to 80V

