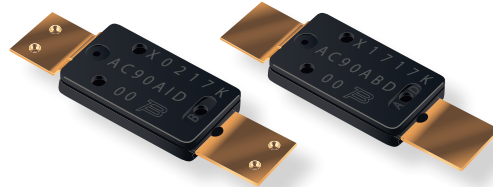


New Product Release

MINIATURE THERMAL CUTOFF DEVICES



ADVANCE NOTICE

Bourns Announces the Release of New Miniature Resettable Thermal Cutoff Devices *Model AC Series*

Riverside, California - TO BE RELEASED APRIL 19, 2018 - Bourns is pleased to announce the release of the Model AC Series Miniature Resettable Thermal Cutoff (TCO) devices. The Model AC Series effectively delivers higher current overtemperature protection to make newer battery designs more reliable by controlling specified abnormal excessive current virtually instantaneously.

The Bourns® Model AC Series offers five trip temperature options from 72 °C to 90 °C, making it the highest current-carrying TCO device Bourns offers. The new protection devices deliver extremely low impedance/resistance (2 mΩ max.). The new AC Series is designed to help battery pack designers save valuable design space and weight. To achieve this, the AC Series is 0.12 mm thinner and 16 % lighter than the existing Model AA Series.

Model	Specifications	
	Trip Temperature	Resistance
AC72ABD	72 °C ± 5 °C	2 milliohms max. (1 ~ 1.5 milliohms typical)
AC77ABD	77 °C ± 5 °C	
AC82ABD	82 °C ± 5 °C	
AC85ABD	85 °C ± 5 °C	
AC90ABD	90 °C ± 5 °C	

For additional information, please visit the Bourns website at www.bourns.com. Should you have any questions, please feel free to contact Customer Service/Inside Sales.

Features

- Miniature Thermal Cutoff (TCO) device
- High current capacity, low impedance
- Wide range of temperature options
- Overtemperature and over-current protection for lithium polymer and prismatic cells
- Controls abnormal, excessive current virtually instantaneously, up to rated limits

Applications

- Battery cell protection for:
- Notebook PCs
 - Tablet PCs
 - Smart phones

KLM1803