BOURNS®

Design Kit Release

CIRCUIT PROTECTION

Bourns and Komatsulite Announce the Release of
Five New Mini-Breaker Design Kits

Riverside, California - May 18, 2016 - Following Bourns' acquisition of Komatsulite Mfg. Co., Ltd in late 2014, Bourns is pleased to announce the release of five new Komatsulite™ Mini-Breaker (Thermal Cut Off Device) design kits for the HC Series, LC Series, KCA Series, and NR Series Mini-Breaker overtemperature and overcurrent protectors.

Headquartered in Osaka, Japan, Komatsulite is a leader in the field of safety devices for rechargeable lithium-ion batteries. Komatsulite's innovative mini-breaker devices enable long battery life, high current draw and fast recharge, while providing an effective mechanism to protect against overtemperature and overcurrent conditions.

Komatsulite's family of mini-breakers complements Bourns' broad offering of PTC resettable fuses and TBU® High-Speed Protectors for overcurrent protection as well as our wide range of overvoltage protectors such as TVS Diodes, TISP® Thyristors, Multilayer Varistors and Gas Discharge Tubes.

For further details on these exciting new design kits, please contact Customer Service/Inside Sales.

Design Kit	Description	Components Included	Quantity
HC-LAB1	High Current	HC72AY-1, HC77AY-1, HC82AY-1, HC85AY-1, HC90AY-1	5 each
LC-LAB1	Low Current	LC72AY-1, LC77AY-1, LC82AY-1, LC85AY-1	5 each
KCA-LAB1	Small Body, High Current	KCA72AB0, KCA77AB0, KCA82AB0, KCA85AB0	5 each
NR-LAB1	Small Size, High Current	NR72AB0, NR77AB0, NR82AB0, NR85AB0	5 each
NR-LAB2	Small Size, Low Current	NR72CB0, NR77CB0, NR82CB0, NR85CB0	5 each

Features

- Overtemperature and overcurrent protection for lithium polymer and prismatic cells
- Controls abnormal, excessive current virtually instantaneously
- Wide range of temperature options
- RoHS compliant*

Applications

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

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

KLM1603

Mouser Electronics

Authorized Distributor

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  [NR-LAB1](#) [HC-LAB1](#) [KCA-LAB1](#) [LC-LAB1](#) [NR-LAB2](#)