

New Cooper Bussmann Low-Peak® CUBEFuse® Rejection Feature

St. Louis, October 29, 2008 -- Cooper Bussmann, the leader in innovative circuit protection solutions, has developed additional features for its Low-Peak® CUBEFuse® product line. The new CUBEFuse, starting from September 15th on (Date Code R39 and above), will now have additional amperage rejection breaks of 15A, 20A, 30A, 40A, 50A and 60A. This change does not affect which CUBEFuses can be inserted into the TCFH holders. The new CUBEFuse feature is completely compatible with all TCFH holders. Any 30A or less CUBEFuse inserts in the TCFH30, any 60A or less CUBEFuse inserts into the TCFH60.

To implement these rejection breaks, some CUBEFuse amperages have new blade width sizes. This change allows for amperage rejection now in the new Cooper Bussmann Quik-Spec™ Panelboard while still allowing for existing customers to continue experiencing the great overcurrent protection of the CUBEFuse in their existing installations. These added amperage breaks correspond to standard NEC® branch circuit amp ratings and minimize the possibility for over-fusing. **The Quik-Spec™ Panelboard will only accept these new rejecting CUBEFuses with date codes R39 and above (R40, R41, ...S1, S2).**

Figure 1 below shows the new CUBEFuse blade widths from 1 to 60 amps.

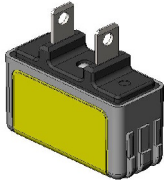
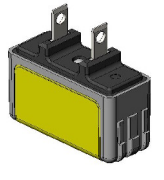
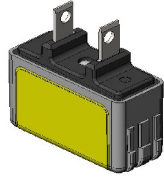
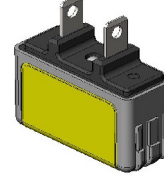
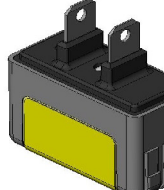
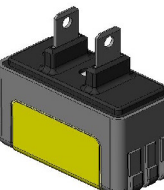
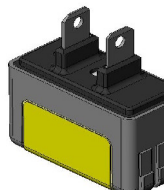
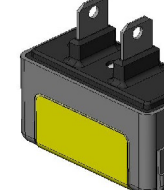
These changes have been thoroughly tested and verified by Cooper Bussmann engineering and UL to the requirements below:

- UL 248-1 Low-Voltage Fuses – Part 1:General Requirements
- UL 248-8 Low-Voltage Fuses – Part 8:Class J Fuses

For CUBEFuse UL Listings, see Guide JFHR, File E56412. Supplementary vibration analysis was performed according to UL 98 SA7.

For additional information please contact our Applications Engineering group (Phone: 1-636-527-1270 or Email: fusetech@cooperindustries.com).

Figure 1. New CUBEFuse Blade Width Dimensions

| Previous Blade Width | New Blade Width | | |
|--|--|---|--|
| TCF1, 3, 6, 10, 15, 17.5, 20, 25 & 30A Blade width = 0.313in  | TCF1, 3, 6, 10 & 15A Blade width = 0.230in  | TCF17.5 & 20A Blade width = 0.271in  | TCF25 & 30A (no change) Blade width = 0.313in  |
| TCF35, 40, 45, 50 & 60A Blade width = 0.438in  | TCF35 & 40A Blade width = 0.358in  | TCF45 & 50A Blade width = 0.398in  | TCF60A (no change) Blade width = 0.438in  |