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Date: November 6, 2012
To: Cooper Bussmann Fuseclip Customers
Subject: Product Change Notification for Select ¼" Diameter Fuse Fuseclips

Dear Cooper Bussmann Fuseclip Customer:

Consistent with our policy for continuous improvement, Cooper Bussmann is replacing the use of Beryllium Copper in select constructions in its range of fuseclips for ¼" diameter fuses with Alloy C7025.

This clip material change affects all of the part numbers using Beryllium Copper listed below.

<u>Series</u>	<u>Part Number</u>	<u>Finish</u>
1A1907	1A1907-03-R	Bright Tin
	1A1907-05	Silver
1A1119	1A1119-04-R	Bright Tin
	1A1119-05	Silver
1A1120	1A1120-05	Silver
	1A1120-06-R	Bright Tin
1A4533	1A4533-01-R	Bright Tin
1A4534	1A4534-01-R	Bright Tin

There are no changes to the part numbers, nor their form, fit, functionality or available finishes.

This is a running change that is effective immediately with no last time order date specifically for fuseclips made with Beryllium Copper.

Orders for part numbers using Beryllium Copper will continue to ship until existing inventories are depleted. Once Beryllium Copper fuseclip inventories are exhausted, orders will then be filled with the new Alloy C7025 versions.

About Alloy C7025: It is a high performance copper alloy combining strength, conductivity, formability and stress relaxation resistance into a unique electrical conductor. C7025 has some of Beryllium Copper's qualities without containing any Beryllium. Alloy C7025 is thermally aged and achieves its properties through cold work and heat treatment performed at the mill. Its high strength, conductivity, formability and stress relaxation properties make Alloy C7025 an excellent fuseclip material, particularly in higher temperature applications.

Below are some comparisons between Beryllium Copper and Alloy C7025.

<u>Material</u>	<u>Average Heat Rise*</u>	<u>0.2% Yield Strength (ksi)</u>	<u>Tensile Strength (ksi)</u>	<u>Electrical Conductivity (%IACS)</u>
Beryllium Copper	57.9°C	60-80	75-88	22
Alloy C7025	57.1°C	>80	90-107	43

*Test was conducted to ensure the fuse doesn't generate additional heat which might cause fuse to open pre-maturely.

If you have any questions about the product change notice, please contact your local Cooper Bussmann representative. For application assistance, contact the Cooper Bussmann Applications Engineering Team by e-mail at FuseTech@CooperIndustries.com.

Thank you for your business and cooperation during this upcoming transition.

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