

PRODUCT SAFETY NOTICE
WARNING OF UNSAFE CONDITION

SECOND REQUEST

BORDER STATES ELECTRIC SUPPLY
BOX 2767
FARGO, ND 58108

Attn: Safety Manager / Vice President of Engineering

From: Gary Cook, Product Safety Manager

Date: June 22, 2009

Subject: Industrial Control Panels with Chromalox, Inc. part numbers 0017-42591 ENSTO load break switch part number KS3R.100/U & 0017-43071 ENSTO load break switch part number KS3R.125/U

Chromalox has been notified by Ensto Control Oy of a malfunction in a limited number of load break switches. The malfunction is caused by a plastic part inside the switch that may break leaving one of the poles connected. When this occurs and the switch is in the OFF position **A RISK OF SEVERE ELECTRIC SHOCK REMAINS**. Refer to the attached Ensto safety recall warning for additional information.

RECOMMENDED ACTION:

Products in service must be taken out of service immediately!

Uninstalled products must be returned for replacement.

You must forward this PRODUCT SAFETY NOTICE, to any of your customers that have purchased this product and to any other person or entity to which you may have distributed the product.

Contact Customer Service at 1-888-996-9258 to make arrangements to have your product replaced.

We are sorry for any inconvenience this may cause you. Should you have any questions concerning this process, contact Chromalox Customer Service at 1-888-996-9258.

Enclosure: ENSTO Warning Note



WARNING NOTE
7 January 2008
1(2)

SAFETY RECALL WARNING CONCERNING TOGGLE AND ROTARY-TYPE ENSTO LOAD BREAK SWITCHES!

Ensto Control Oy has recently received information affecting a limited number of load break switches where a load break switch has malfunctioned under normal use. The malfunction may cause one of the electrical poles to remain connected, even if the switch is turned to the OFF position (position 0). A list of affected switches is below.

Note! This malfunction may cause a DANGER to life during electrical installation and maintenance work when the switch is in the OFF position (position 0) in that the risk of severe electric shock remains.

In the On position (position 1) the switch can be used safely and normally.

The cause and the scope of the malfunction:

The malfunction is caused by a plastic part inside the switch that may break. In cases where the part is broken, one of the poles (phases L1 or L3) may remain connected even if the switch is in the OFF position (position 0). Our analysis of the root cause of the breakage is on-going.

The malfunction primarily affects a limited number of switches manufactured in the second half of 2007, but we can not at this time assure our customers that some switches manufactured during the first half of 2007 are not affected as well, therefore, all switches manufactured in 2007 are subject to this recall. [The malfunction has been eliminated in all switches manufactured after December 2007.] The manufacturing week and year is stamped on the bottom of the switch. For example, "4807" would identify a switch manufactured during the 48th week of 2007. This safety warning applies to any of the affected switches ending in the number "07".

In our estimation, the malfunction concerns less than 5% of the "toggle" type load switches manufactured in 2007. In rotary models of the load switches, we have not identified any malfunctions but because they contain the same inner plastic part we have decided to also recall rotary models.

Specifically, the malfunction concerns the load break switch models mentioned in the table 1 below.

Required actions

As an immediate precaution, **we instruct all customers and end users to check with care to independently verify and make sure that in fact all electrical circuits are properly disconnected and that no electrical current is present when the switch is turned to the OFF position (position 0) BEFORE doing any electrical installation and maintenance work.**

ENCLOSURES AND COMPONENTS

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