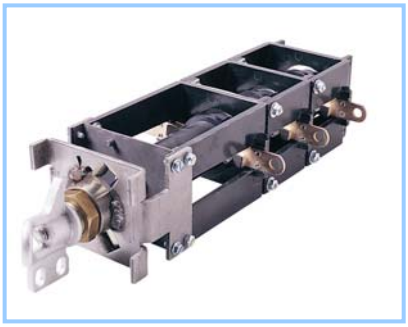
1 May 2005

ABB Improves the Type LBOR Switch

As part of our program of continuous product improvement, we intend to modify the contact structure and action of our LBOR switch.



The refractory contacts, which are welded to the stationary contact blade, will be lengthened to the full width of the contact blade. At the same time, the drive mechanism will be modified so that the switch, when closed, will seat itself much closer to the centerline of the stationary contacts. Manufacture of the future contact configuration will commence in August 2005.

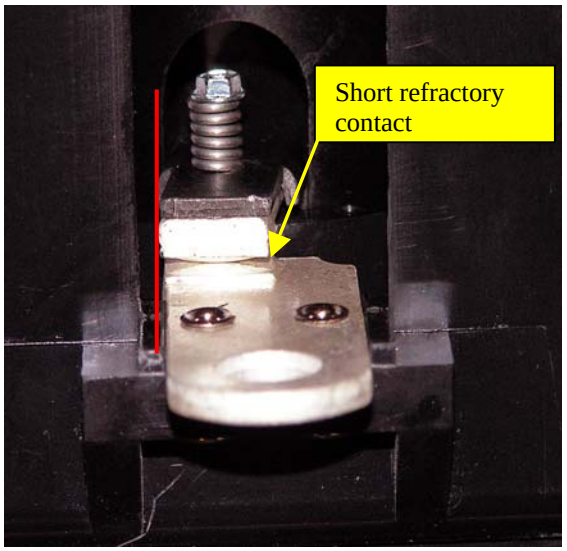


Figure 1: Current Contact Configuration

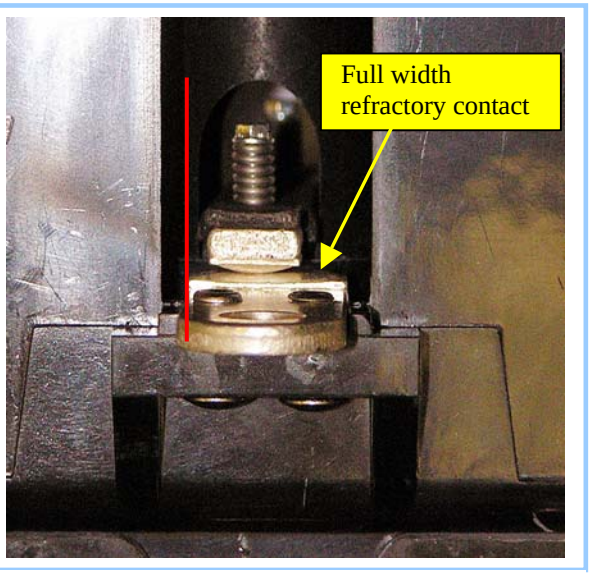


Figure 2: Future Contact Configuration

The purpose of this change is to provide positive visual contact closure in the event that contact bounce back occurs. In the current design configuration, if bounce back occurs, the contacts could appear to be not fully engaged when, in fact, they were fully engaged. The curved shapes of both the moving and stationary contact parts can create the illusion that the contacts are not fully engaged.

Contact your local ABB representative for more information.