

EntelliGuard® G Circuit Breaker Accessories


CONTACT WEAR INDICATOR

Introduction

Contact Wear Indicator

EntelliGuard devices require periodic maintenance. During these activities it is recommended that the main contact tips are checked for wear.

The contact wear indicator is a simple device that allows the user to establish if the main contacts need replacement. It can be used on devices of the fixed and pattern (if the arc chutes can be removed) and on devices of the draw out pattern.

 **WARNING:** Before installing any accessories, turn the breaker OFF, disconnect it from all voltage sources, and discharge the closing springs.


 **AVERTISSEMENT:** Avant d'installer tout accessoire, mettre le disjoncteur en position OFF, le déconnecter de toute tension d'alimentation, et décharger les ressorts d'armement



Fig. A



Fig. C



Fig. B



Fig. D

Contact Wear Indicator use:

1. Remove the arc chamber assembly by loosening the two M6 hardware, Fig. A & B
2. Drop the Wear indicator in the housing cavity till it properly seats on the housing surface. As shown in Fig. C
3. Check each finger top end with respect to the green color area marked on the wear indicator as Shown in Fig. D
4. Repeat this procedure for each pole and for each finger within the pole
5. If the finger top end crosses the edge of the green area marked on the wear indicator, the main tips have eroded and needs replacement.
6. After use, remove the Wear Indicator and replace the arc chutes by placing and tightening the mounting hardware with a torque of 8 to 10 Nm (5.9 – 7.38 ft-lbs)

These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the ABB Inc.

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