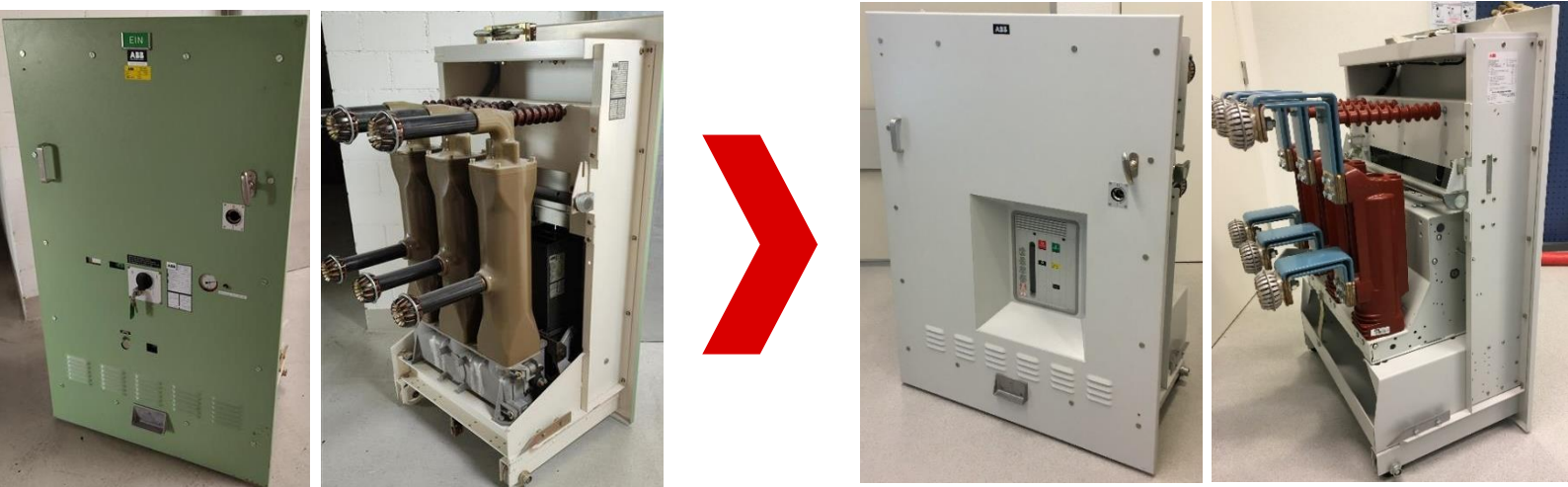


RETROFIT MEDIUM VOLTAGE

Roll-In Retrofit HB-HC to VD4

Retrofit solution for the quick upgrade of HB and HC circuit breakers to the latest technology. The new solution saves maintenance and spare parts costs and makes the plant more environmentally friendly.



The background

The "BA/BB" switchgear including the installed circuit breakers of type "HB/HC" have already been in "Obsolete" status in ABB Life Cycle Management for some time. Although maintenance on the circuit breaker type "HB" can still be offered, spare parts and repairs/conversions are limited. Therefore, we recommend our customers the roll-in retrofit solution to get a brand-new vacuum circuit breaker of type "VD4".

The solution

The Roll-In Retrofit can be used on site without much adaptation effort. A short intervention of maximum 30 min. per breaker is sufficient. On site there is only the replacement of the existing motor protection switch and a short commissioning and function test that has to be done. This can be done with the assistance of an ABB installer or can be done alone by qualified customer personnel. The new "VD4" switch is delivered mounted on the same trolley as the existing "HB"/ "HC" switches and is therefore still interchangeable with the existing switches on site.

Your benefits

The advantages with the new vacuum circuit breaker “VD4” include the following:

- SF6-free system (more environmentally friendly)
- less maintenance
- lower maintenance costs
- availability of spare parts
- use of state-of-the-art technology

In addition, a large number of equipment/attachment/operating parts are available and can be retrofitted with the new switch type.

We would be pleased to provide you with further information about the roll-in solution and to show you the possibilities for a simple replacement, also in combination with the operation of the existing circuit breaker types “HB” / “HC” and a corresponding maintenance/retrofit plan during a consultation.

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