China Environmental Labelling (Type II) Product Certificate

No.: CEC-EL (II) -1067-2021

This is to certify

ABB Xiamen Switchgear Co., Ltd

Legal Representative: Zhao Yong Zhan
Address: 2nd Floor of No.885, Fang Shan Xi Er Road, Xiang An Industrial Area, Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian, China

Manufacturer: ABB Xiamen Switchgear Co., Ltd
Address: 2nd Floor of No.885, Fang Shan Xi Er Road, Xiang An Industrial Area, Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian, China

Factory: ABB Xiamen Switchgear Co., Ltd
Address: No.885, 829 and 833, Fang Shan Xi Er Road, Xiang An Industrial Area, Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian, China

Self-declared Environmental Claims Comply with the Requirements of GB/T24021----2001idt ISO 14021: 1999

(Environmental Management—Environmental Labels and Declarations—Self-declared Environmental Claims (Type II Environmental Labelling))

Self-declared Environmental Claims: Please see the attached list.

Applied Product Names(Process): VD4 Vacuum Circuit Breakers

Applied Product Models: VD4 12…24kV, 630…4000A, 25…40kA

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Issued by:

China Environmental United (Beijing) Certification Center Co., Ltd.
No.1, Yuhui South Road, Chaoyang District, Beijing, China
http://www.mepcec.com
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Self-declared Environmental Claims:

1. The insulating material of pole is a new-type thermoplastic PT, which is a reusable high polymer material.

2. Modularized design. Additional explanation: modular design has been implemented to the Circuit Breaker, each functional module is independent, thus it could be replaced and maintained easily and rapidly.

3. The mechanical operation life of the product is as high as 10,000-40,000 times, which is higher than the requirement of 2,000-10,000 times operation life in the GB/T 1984 standard. Additional explanation: higher reliability of product to achieve a higher number of operations and long service life.

4. iVD4® intelligent solution could be integrated into VD4 Vacuum Circuit Breakers. The Circuit Breakers cooperated with smart sensors has passed the type test according to GB/T 1984, NB/T 42044, etc. Advanced smart sensor technology helps to monitor the health status of the Circuit Breaker precisely, thus effectively decrease the failure rate, shorten the speed of response and problem resolution.

5. VD4-AF Circuit Breaker is capable of performing up to 150,000 CO operations, much higher than the 2,000-10,000 CO required by GB/T 1984 standard. Longer product life could reduce energy waste, and greatly improve the efficiency.

6. Miniaturization. Compared with the same concept products in the market, more than 30% space can be reduced. Less raw material is used due to compact product design.

The current certificate attachment will be valid only when it is utilized together with China Environmental Labelling Product Certificate No.: CEC-EL (01) 00261-A1.