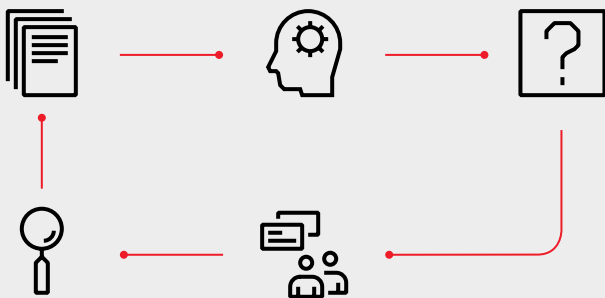


VD4G

Small footprint, full protection
for generator applications



This document presents the Frequently Asked Questions about VD4G family with the intent of giving basic information about the product and its applications.

For any additional material, please check VD4G webpage.

Feel free to contact ABB for any further question or material.

1. What are these apparatus?

The VD4G family breakers are the new ABB solutions for Generator applications completely tested according to the latest Dual Logo Standards IEC/IEEE 62271-37-013, with the same interface of VD4 for distribution network.

2. What is its application?

Every application where generators are installed, such as power plant of huge industrial sites.

3. Why should a customer need it?

The generator applications bring a lot of technical challenges, such as delayed current zero, higher DC component and higher TRV. The VD4G breakers are fully tested in order to fulfill each and every high-demanding requirement typical of a generator plant.

4. According to which standards is the product tested?

The new IEC/IEEE 62271-37-013 Standards, which completely replaces the old IEEE C37.013.

5. What is the expected lifetime?

All VD4G breakers can perform up to 10,000 CO operations, exceeding the M2 class according to Standards (3,000 CO operations).

6. Can I just exchange an existing circuit breaker with it?

The new VD4G breakers have the same interface of the standard VD4, compatible from the dimensional point of view.

7. In what type of ABB switchgear can I use the device?

VD4G family breakers are released for ABB panel and enclosures. Further, customized solution for special cubicle are available.

8. How can I give open and close commands?

Exactly as the standard VD4, both locally (via push-button) and remotely (via tripping coils).

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For more information please contact:

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More product information:
abb.com/mediumvoltage
Your contact center:
abb.com/contactcenters
More service information:
abb.com/service

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