

DISTRIBUTION SOLUTIONS

R-MAG[®] magnetically actuated dead tank outdoor vacuum circuit breaker

Arc resistant housing for 15 and 27 kV units



An internal arc resistant version of the R-MAG circuit breaker that meets IEEE standard C37.20.7-2017, Type 2B, 0.5 is now available, helping increase reliability and personnel safety.

An internal arc fault is rare, but it is the most severe fault within a switchgear system. Excessive pressure and temperature generated during the internal arc event melts the copper and steel inside the circuit breaker, causing potential injuries and material loss.

The new R-MAG arc resistant housing is a passive safety feature that does not depend on external mechanical or electronic devices since the protection is provided by the specially reinforced sheet metal housing. This new housing provides more reliable protection against internal arc events.

Product highlights

- Arc resistant tested as per IEEE C37.20.7-2017, Type 2B, 0.5 s, 25kA for 15kV and 27kV
- Footprint reduced from 60 in. wide to 52 in. wide in 15 kV, 2000 A and 27 kV, 1200/2000 A models
- State-of-the-art gaskets and sealers are used to help prevent any water ingress from metal-to-metal joints
- All HV compartments are equipped with standard hinged bolted door
- Available in stainless steel upon request

Availability

Now available!

Markets served

- Private and public utilities
- Medium and heavy industry

To learn more

For more information, contact your local ABB sales representative.

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abb.com/mediumvoltage

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