

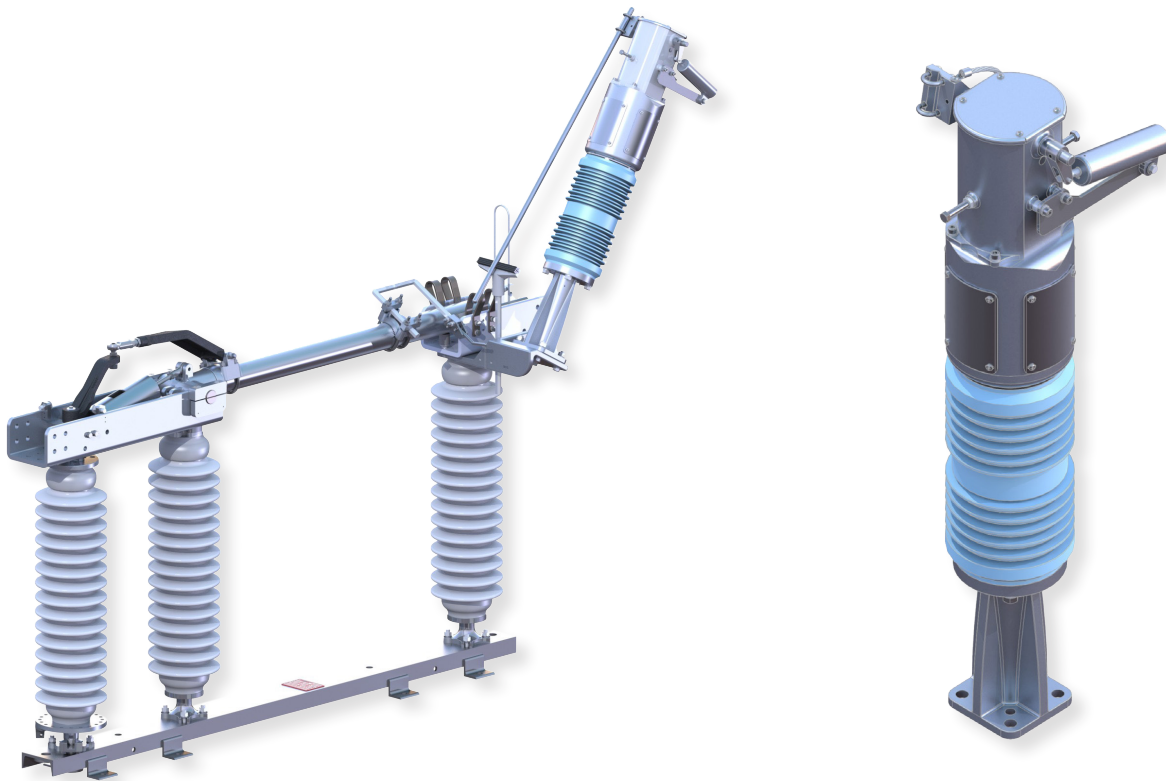
69KV INTERRUPTER

SINGLE CONTACT INTERRUPTER

KEY BENEFITS

- Single Contact - uses a 69kV Vacuum Bottle to provide single contact interruption.
- Cycloaliphatic Epoxy - solid insulation increases dielectric strength and provides mechanical and environmental protection for the vacuum interrupter, no pressurized gas requirement.
- No SF6 - uses vacuum technology with solid insulation instead of a greenhouse gas, such as SF6. According to the Intergovernmental Panel on Climate Change, SF6 is the most potent greenhouse gas that it has evaluated, with a global warming potential of 23,900 times that of CO2.¹
- Corrosion Resistant - all materials are corrosion resistant which improves reliability and increases life expectancy.
- Reliable - simple, time tested, proven materials and mechanisms are used to manufacture the vacuum interrupter, creating a product that will meet most line and load needs.

1. http://www.ipcc.ch/publications_and_data/ar4/wg1/en/ch2s2-10-2.html



FREQUENTLY ASKED QUESTIONS

WHAT IS SPECIAL ABOUT IT BEING SINGLE CONTACT?

Some utilities require single point load interruption, which up to now could only be done with SF6 at 69kV. We are now able to offer a comparable choice to meet this customer need.

WHAT SWITCHES IS IT USED ON?

This unit is designed for use on vertical break switches, 15-69kV and 600-2000A.

WHAT ARE THE RATINGS FOR THE SINGLE CONTACT?

The ratings are the same as the RLB TECO-Rupter®: 2000A load breaking, 2000A loop splitting, and 100A line charging.

WHAT IS THE SIZE OF THE SINGLE CONTACT?

It is 2" taller than the equivalent RLB.

WHAT IS THE WEIGHT OF THE SINGLE CONTACT?

It weighs 60 lbs. In comparison, the RLB weighs 30 lbs and LLSI weighs 75 lbs.

DOES IT USE SF6?

No, there are no gasses in the unit. The VI is protected by a silicone dielectric material and cast into a cycloaliphatic epoxy outer structure.

DOES IT HAVE A FIBERGLASS TUBE?

No, cycloaliphatic epoxy provides the mechanical strength.

WILL THIS REPLACE THE 3 BOTTLE RLB UNIT?

No, the target market is for customers that do not want to try mutli bottled stack units due to a single gap requirement.