Looking for a cutout that is durable and light weight, yet works well in extreme weather conditions? Add to that the longest creepage distance and widest range of insulation levels and ABB has you covered.

**Product features**
- Available in 15 or 27 kV, up to 180 kV BIL
- 30-50% lighter than porcelain counterparts
- Greatest creepage distance in the industry
- Perfect for highly contaminated environments
- Ideal for use in stressful weather climates such as extreme cold and coastal environments
- Resistant to UV degradation
- Non-brittle and vandal resistant
- Durability eliminates typical breakage from shipping, storage, and installation
- Available in all cutout types: loadbreak and non-loadbreak

**Excellent material choice for outdoor applications**
With more than ten years of experience offering silicone rubber cutouts, ABB knows silicone is the best material choice for outdoor applications. Utilized for more than 30 years as an outdoor insulation material, it is the most used, fastest growing polymeric material for medium and high voltage outdoor insulation.

**Wide range of voltage and insulation levels available**
While other manufacturers have a smaller range of insulation levels, ABB offers silicone cutouts in 15 and 27 kV insulation classes, up to 180 kV BIL.

**Lighter weight provides easier handling**
ABB silicone cutouts weigh 30-50% less than their porcelain counterparts. The insulators are injection molded into one piece, a feature that eliminates moisture ingress and thus prevents breakage from freeze/thaw cycles.

**Hydrophobic properties enhance performance**
Hydrophobic properties allow silicone to outperform other materials because of better tracking resistance. As a result, silicone is an excellent choice for use in seacoast applications and other areas of high contamination where tracking is a problem. In addition, ABB’s silicone cutouts offer the greatest creepage distance over any standard cutout available today, thus making them a better alternative for high contamination environments.

**Longer life expectancy**
Silicone has the unique ability to maintain its hydrophobicity during the lifetime of the insulation. Other polymeric materials may also be hydrophobic, but they lose this property after a relatively short time in service. Furthermore, silicone offers greater stability against heat and UV-radiation compared to other polymers.

**A more durable product**
From the time it leaves the factory, to the time it is installed, a cutout goes through a great deal of handling. Typical consequences of such handling include nicks and cracks, and broken units that have to be scrapped. ABB silicone cutouts are non-brittle so they can withstand the rough handling that is often associated with this type of equipment. By reducing handling damage, ABB brings added value to the end user’s bottom line.
For more information please contact:

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