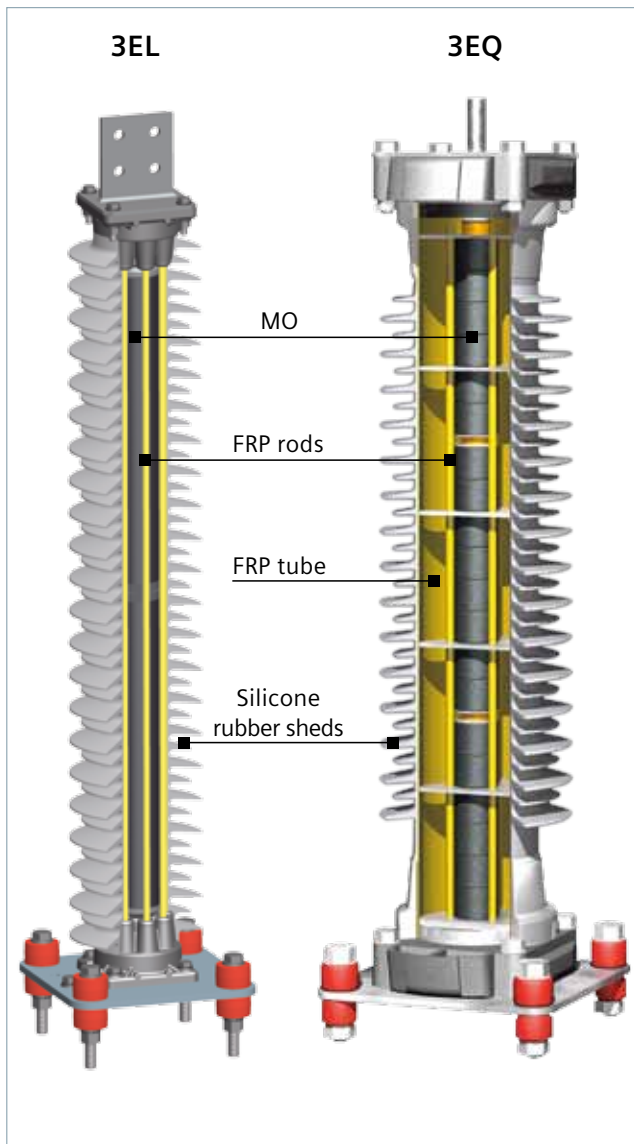


# Siemens' Complete Range of High-Voltage Silicone Arresters

The right solution for every need



## The 3EL Range

Siemens surge arresters in cage design™: Best price-performance ratio for applications up to  $U_m = 300$  kV.

- Silicone is directly molded onto MO blocks and fiber-glass rods ensuring total enclosure of all components to prevent from partial discharges or moisture ingress
- High mechanical strength for standard applications
- Short circuit: Low-pressure escape of the arc due to the silicone shielding, no need of any pressure relief device
- Easy transport and installation due to considerably lower weight compared to porcelain arresters
- Suitable as station arrester and/or transmission line arrester.

## The 3EQ Range

Siemens surge arresters in tube design: Best choice for applications up to  $U_m = 1200$  kV, especially applications with advanced or highest technical requirements.

- Tube design (silicone directly molded onto FRP tube) offers outstanding mechanical stability (much stronger than porcelain) combined with an excellent sealing system to prevent from moisture ingress and partial discharges
- Highest degree of safety in the event of short circuit due to pressure relief device, no ejection of any internal components
- At least 75 percent mechanical strength retained even after short circuit, therefore arrester can be used as post insulator
- Less weight than comparable porcelain arresters
- Ideal for areas with potential seismic activity, heavy wind loads and any other advanced mechanical requirements.



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**Answers for energy.**