

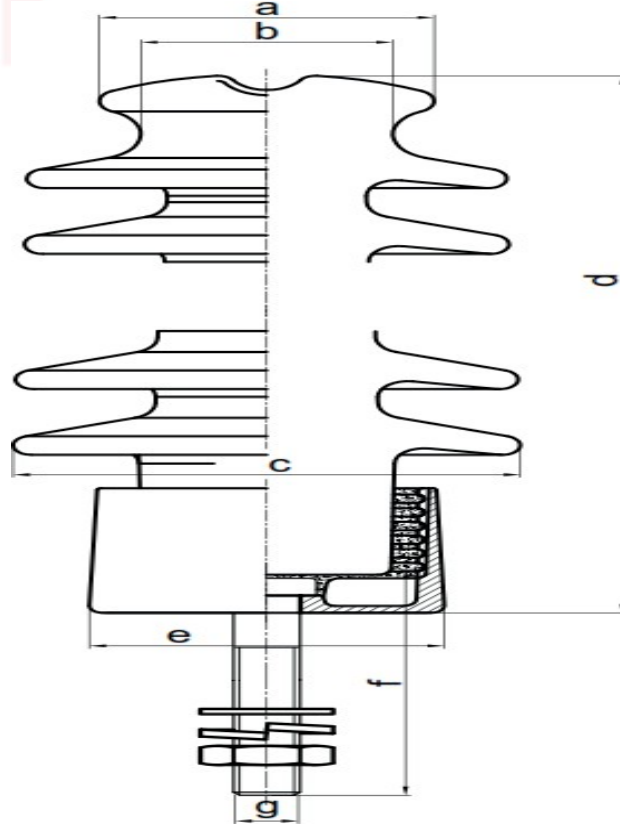
## IEC Overhead Line Support Insulators



|                           |                          |
|---------------------------|--------------------------|
| Maximum Operating Voltage | 12kV - 36kV              |
| Cantilever Strength       | 8kN / 12,5kN             |
| Pollution Level           | Standard Type / Fog Type |

We manufacture long rod insulators for power transmission and distribution lines in accordance with international standards, ensuring reliable performance under harsh weather conditions.

Our overhead line insulators are manufactured in compliance with the TS EN 60720 standard.



| Dimensions (mm) |     |    |     |     |     |     |    |                   |
|-----------------|-----|----|-----|-----|-----|-----|----|-------------------|
| Product         | a   | b  | c   | d   | e   | f   | g  | Creepage Distance |
| VKS11 372mm     | 114 | 73 | 140 | 290 | 105 | 130 | 16 | 372               |
| VKS11 484mm     | 114 | 73 | 150 | 305 | 105 | 130 | 20 | 484               |
| VKS13 520mm     | 114 | 73 | 157 | 305 | 105 | 130 | 20 | 520               |
| VKS35 720mm     | 101 | 76 | 153 | 385 | 107 | 130 | 20 | 720               |
| VKS35 900mm     | 101 | 76 | 165 | 410 | 107 | 130 | 20 | 900               |

The products are tested in our High Voltage Testing Laboratory, accredited by the Turkish Accreditation Agency, in accordance with the TS EN 60383-1 standard.

| Parameter                                  | VKS11<br>372mm | VKS11<br>484mm | VKS13<br>520mm | VKS35<br>720mm | VKS35<br>900mm |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| Dry Power Frequency Withstand Voltage (kV) | 70             | 90             | 70             | 100            | 100            |
| Wet Power Frequency Withstand Voltage (kV) | 50             | 65             | 50             | 70             | 70             |
| Lightning Impulse Withstand Voltage (kV)   |                | 150            | 125            | 170            | 170            |
| Electromechanical Failing Load (kN)        | 12,5           | 12,5           | 12,5           | 8              | 8              |