Porcelain Station Posts

- Wet Process Porcelain
- Extruded Technology
- Wet Turning Process
- C130 and C130 HS (Ultra High Strength)
- LAPP Insulators Alumina Porcelain
- High Creepage Options
- Brown RAL 8017 / Grey ANSI 70
- Conical Shape (preferred for IEC designs)
- Cylindrical Shape (for ANSI designs)
- Voltage Class: 1 – 1100 kV
  (>245 kV in serial unit arrangements)
- Product Standards: IEC 60273, IEC 60168,
  IEC 60672
- Experience: > 70 years

Main advantages

- Reliable Support / Station Post Product
- Extreme Weather and Environmental Resistant
- Standardised Designs in accordance with
  IEC 60273 (C4, C6, C8 ... types)
- Standardised Designs in accordance with
  ANSI C29.9 (TR types)
- High Mechanical Strength
- 1-piece designs up to 245 kV
- 2-piece design for 420 kV
- 3-piece design for 525 kV
- 4-piece design for 800 kV
- Life-Expectancy >40 years
- Full Customer Specific Design Options
- Silicone Coatings available for Applications
  under Extreme Pollution

References

- Worldwide: All Major Utilities
  (Support Applications, Bus Bars, FACTS etc.)
- Siemens (Disconnectors, Ruhrtal)
- Areva (Disconnectors, Italy)
- Coelme (Disconnectors, Italy)
- ABB (Disconnectors, Germany, Poland,
  Switzerland)
- Hapam (Disconnectors, The Netherlands)
- Alpha (Disconnectors, Switzerland)
- Cooper (USA)

See also our complete Reference List for Porcelain Station Posts

Designs

<table>
<thead>
<tr>
<th>Core Ø</th>
<th>Minimum mechanical falling load, bending (MFL)</th>
<th>Specific Creepage Distance*</th>
<th>h1, Max**</th>
</tr>
</thead>
<tbody>
<tr>
<td>[mm]</td>
<td>[inch]</td>
<td>[kN]</td>
<td>[mm / kV]</td>
</tr>
<tr>
<td>up to 288</td>
<td>up to 11,3</td>
<td>up to 40</td>
<td>12 – 55</td>
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</tbody>
</table>

* in accordance with IEC 60815, higher SCD possible in individual cases
** min. cantilever falling load moment, routine test load at 70% of
  min. falling load

*** max connection length, depending on firing load

End Fittings

- All IEC 60120 and IEC 60471 types
- All DIN 48006 fittings
- Flanges
- Special customer and tailormade fittings,
  e.g. for railway applications