

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

See also our complete Reference List for Porcelain Station Posts

- 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)

Designs

Core Ø		Minimum mechanical failing load, bending (MFL) [kN]	Specific Creepage Distance* [mm / kV]	h1, Max** [mm]
[mm]	[inch]			
up to 288	up to 11,3	up to 40	12 – 55	up to 2300

* in accordance with IEC 60815, higher SCD possible in individual cases

*** max connection length, depending on firing load

** min. cantilver failing load moment, routine test load at 70 % of min. failing 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

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