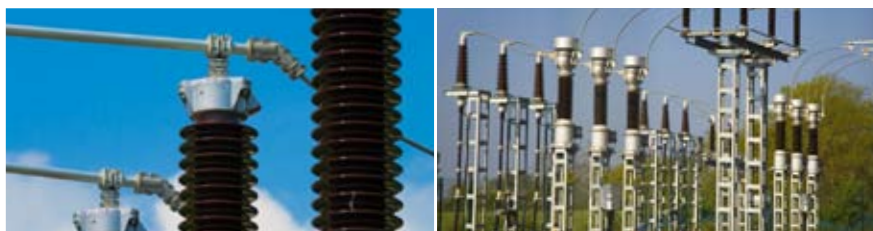


## PORCELAIN STATION POSTS



Wet Process Porcelain  
Extruded Technology  
Wet Turning Process  
C130 and C130 HS (*Ultra High Strength*) 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:

Core Ø [mm]	Specified Mechanical Load (SML) Class [inch]	Specified Mechanical Load (SML) Class [kN]	Specific Creepage Distance* [mm/kV]	h1, Max ** [mm]
up to 288	up to 11,3	up to 150	12-55	up to 2300

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

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

\*\*\* max connection length, depending on firing load

### END FITTINGS:

- All IEC 60273 types
- All ANSI C29.9 types
- Caps and Flanges (customer designs)
- Special customer and tailor-made fittings, e.g. for railway applications