PFISTERER

Outdoor Termination ESP300-C103, 300 kV, porcelain, oil-insulated

The self-supporting, oil-insulated ESP termination with alternating sheds made of porcelain is available for voltages up to 550 kV and with various creepage distance lengths. Porcelain is still valued today, particularly in some regions of the world, as a proven, robust material. The silicone stress cone is identical to that of the ESS.

Picture may vary.

At a glance:

- For high voltages up to 550 kV
- Available in various creepage distance lengths
- Porcelain insulator with alternating sheds
- High mechanical strength
- Stress control element made of silicone
- Routine tested before delivery
- Optional accessories: Splice box, partial discharge sensor, arcing horn, corona ring

Contact technology:

- Standard design: Head fitting with SICON shear-off bolt technology
- On request: Head fitting with compression technology
- Specially for copper enameled wires conductors: Head fitting with FrontCon technology

Technical Data

Article no.		ESP300-C103
Max. system voltage	U_m (kV)	300
Type Termination		oil insulated, porcelain insulator (ESP)
Applicable standards		IEC 62067
Rated lightning impulse withstand voltage BIL	(kV)	1050
Conductor cross section	(mm^2)	400 - 2500
Diameter over cable insulation - prepared	(mm)	71.7 - 118.4
Max. diameter over outer cable sheath	(mm)	170
Minimum creepage distance	(mm)	10230
Min. arcing distance	(mm)	2660
Environment temperature	(°C)	-30 up to +55 °C

© 2024 PFISTERER Kontaktsysteme GmbH www.pfisterer.com We accept no liability for printing errors / Subject to technical modifications