

PFISTERER

Outdoor Termination ESS123-C39, 123 kV, silicone, oil-insulated

The self-supporting, oil-insulated terminations of the ESS family can be used at voltage levels up to 550 kV. In order to reach the requirements for particularly challenging applications and environmental conditions a selection of different creepage distances is available. Furthermore, the use of composite materials results in outstanding mechanical properties while the silicone used for the sheds and the coating of the insulator achieves exceptional pollution properties. In addition, the well-known interaction of the insulating oil and the stress control element made of silicone ensures high quality. In combination with the easy-to-install and system-sealing head fitting a maintenance-free operation over the service life is given.

At a glance:

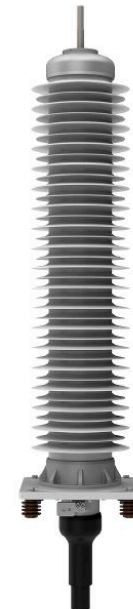
- For high voltages up to 550 kV
- Available in various creepage distance lengths
- Maintenance-free composite insulator with silicone sheds
- High mechanical strength
- Stress control element made of silicone
- Routine tested before delivery
- Optional accessories: Splice box, partial discharge sensor, 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 wire conductors: Head fitting with FrontCon technology

Attention:

The optional accessories are not included in the scope of delivery and have to be ordered separately if required.



Picture may vary.

Technical Data

Article no.	ESS123-C39	
Max. system voltage	U _m (kV)	123

Article no.		ESS123-C39
Type Termination		oil insulated, silicone composite insulator (ESS)
Applicable standards		IEC 60840
Rated lightning impulse withstand voltage BIL	(kV)	550
Conductor cross section	(mm²)	150 - 1600
Diameter over cable insulation - prepared	(mm)	42.5 - 99.0
Max. diameter over outer cable sheath	(mm)	150
Minimum creepage distance	(mm)	3890
Min. arcing distance	(mm)	1205
Environment temperature	(°C)	-30 up to +55 °C