

CONNEX Cable Connectors, Size 9, up to 550 kV, according to IEC 62067:2011

Application:

- Pluggable separable connector for all XLPE cables

Features:

- The separable connector is installed without any gas- and oilwork at the transformer or GIS
- Considerably reduced installation time and safe installation
- Horizontal, vertical and angled versions for connection to GIS and transformers
- Rapid separation and change of cable and equipment possible
- Touchproof, submersible, and maintenance-free
- Routine-tested from factory

^{*)} depending on conductor cross section and conductor material



Picture may vary.

Technical Data

Article no.		899999xxx
Max. system voltage	U_m (kV)	550
Size		9
Type designation		dry-type termination
Applicable standards		IEC 62067:2011
Working place		outdoor and indoor offshore on request
Nominal voltage	U_n (kV)	500
Conductor residual voltage	U₀ (kV)	290
Rated power frequency withstand voltage	1 min (kV)	580
Rated lightning impulse withstand voltage BIL	(kV)	1550
Heating cycles	(kV)	580
Partial discharge test < 5pc at	(kV)	435
Nominal current^{*)}	I_N (A)	4000
Rated short-time withstand current	(kA)	63
Rated impulse current CALCULATED	(kA)	170
Conductor material		copper or aluminium
Diameter of conductor	Ø (mm)	72.5
Conductor cross section area	(mm²)	630 - 3000

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Diameter of insulating	(mm)	144
Connection method		Compression connection