

CONNEX Separable Connectors, Size 6, up to 170 kV

Application:

- Pluggable separable connector for all XLPE cables
- Available as factory-tested and preassembled field installation cable

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 angeled 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

*¹ depending on conductor cross section and conductor material



Picture may vary.

Technical Data

Article no.	866 999 999 xxxxx	
Max. system voltage	U_m (kV)	170
Size		6
Type designation	dry-type termination	
Applicable standards	IEC 60840:2011	
Working place	outdoor and indoor offshore on request	
Nominal voltage	U_n (kV)	150 - 161
Conductor residual voltage	U₀ (kV)	87 - 93
Rated power frequency withstand voltage	1 min (kV)	218
Rated lightning impulse withstand voltage BIL	(kV)	750
Heating cycles	(kV)	175
Partial discharge test < 5pc at	(kV)	131
Rated power frequency withstand voltage - 30 min	(kV)	218
Partial discharge test < 2pC at	(kV)	131
Nominal current^{*1}	I_N (A)	2500
Rated short-time withstand current	(kA)	50
Rated impulse current CALCULATED	(kA)	160
Conductor material	copper or aluminium	

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Diameter of conductor	Ø (mm)	9.3 - 65.0
Conductor cross section	(mm²)	2500
Diameter of insulating	(mm)	36 - 113.5
Connection method		Compression connection
Length outside socket	(mm)	600