

CONNEX Separable Connectors, Size 6-S, up to 245 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 zzzzz	
Max. system voltage	U_m (kV)	245
Size	6-S	
Type designation	dry-type termination	
Applicable standards	IEC 62067:2011	
Working place	outdoor and indoor offshore on request	
Nominal voltage	U_n (kV)	220 - 230
Conductor residual voltage	U₀ (kV)	127 - 133
Rated power frequency withstand voltage	1 min (kV)	460
Rated lightning impulse withstand voltage BIL	(kV)	1050
Heating cycles	(kV)	254
Partial discharge test < 5pc at	(kV)	190
Rated power frequency withstand voltage - 30 min	(kV)	318
Partial discharge test < 2pC at	(kV)	191
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