

CONNEX Cable Connectors, Size 7, up to 300 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.		877 999 999 xxxxx
Max. system voltage	U_m (kV)	300
Size		7
Type designation		dry-type termination
Applicable standards		IEC 62067:2011
Working place		outdoor and indoor offshore on request
Nominal voltage	U_n (kV)	275 - 287
Conductor residual voltage	U₀ (kV)	160
Rated power frequency withstand voltage	1 min (kV)	320
Rated lightning impulse withstand voltage BIL	(kV)	1050
Heating cycles	(kV)	320
Partial discharge test < 5pc at	(kV)	240
Rated power frequency withstand voltage - 30 min	(kV)	400
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)	27.3 - 72.5

Article no.		877 999 999 xxxxx
Conductor cross section area	(mm²)	630 - 3000
Diameter of insulating	(mm)	76.5 - 131
Connection method		Compression connection
Length outside socket	(mm)	480