

# CONNEX Separable Connector, Size 4, up to 72.5 kV

**Application:**

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



Picture may vary

**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

## Technical Data

Article no.	Unit	849 999 999 xxxxx
Max. system voltage	U <sub>m</sub> (kV)	72,5
Size		4
Type designation		dry-type termination
Applicable standards		IEC 60840:2011
Working place		outdoor and indoor offshore on request
Nominal voltage	U <sub>n</sub> (kV)	60 - 69
Conductor residual voltage	U <sub>0</sub> (kV)	36
Rated power frequency withstand voltage	1 min (kV)	140
Rated lightning impulse withstand voltage BIL	(kV)	325
Heating cycles	(kV)	72
Partial discharge test < 5pc at	(kV)	54

## Technical Data

Article no.	Unit	849 999 999 xxxxx
Rated power frequency withstand voltage - 30 min	(kV)	90
Partial discharge test < 2pC at	(kV)	54
Nominal current <sup>1)</sup>	I <sub>N</sub> (A)	2500
Rated short-time withstand current	(kA)	50
Rated impulse current CALCULATED	(kA)	160
Conductor material		copper or aluminium
Diameter of conductor	Ø (mm)	9.3 - 55.9
Conductor cross section area	(mm <sup>2</sup> )	95 - 2000
Diameter of insulating	(mm)	33 - 78.5
Connection method		Compression connection
Length outside socket	(mm)	580