

# 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

**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



\*) depending on conductor cross section and conductor material

Picture may vary.

## Technical Data

<b>Article no.</b>		<b>849 999 999 xxxxx</b>
<b>Max. system voltage</b>	<b>U<sub>m</sub> (kV)</b>	<b>72,5</b>
<b>Size</b>		<b>4</b>
<b>Type designation</b>		<b>dry-type termination</b>
<b>Applicable standards</b>		<b>IEC 60840, IEC 63026</b>
<b>Working place</b>		<b>outdoor and indoor offshore on request</b>
<b>Nominal voltage</b>	<b>U<sub>n</sub> (kV)</b>	<b>60 - 69</b>
<b>Conductor residual voltage</b>	<b>U<sub>0</sub> (kV)</b>	<b>36</b>
<b>Rated power frequency withstand voltage</b>	<b>1 min (kV)</b>	<b>140</b>
<b>Rated lightning impulse withstand voltage BIL</b>	<b>(kV)</b>	<b>325</b>
<b>Heating cycles AC voltage</b>	<b>(kV)</b>	<b>72</b>
<b>Partial discharge test &lt; 5pc at</b>	<b>(kV)</b>	<b>54</b>
<b>Rated power frequency withstand voltage - 30 min</b>	<b>(kV)</b>	<b>90</b>
<b>Partial discharge test &lt; 2pC at</b>	<b>(kV)</b>	<b>54</b>
<b>Nominal current</b> *)	<b>I<sub>N</sub> (A)</b>	<b>2500</b>
<b>Rated short-time withstand current</b>	<b>(kA)</b>	<b>50</b>
<b>Rated impulse current CALCULATED</b>	<b>(kA)</b>	<b>160</b>
<b>Conductor material</b>		<b>copper or aluminium</b>

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<b>Diameter of conductor</b>	<b>Ø (mm)</b>	<b>9.3 - 55.9</b>
<b>Conductor cross section area</b>	<b>(mm<sup>2</sup>)</b>	<b>95 - 2000</b>
<b>Diameter over insulation</b>	<b>(mm)</b>	<b>33 - 78.5</b>
<b>Connection method</b>		<b>Compression connection</b>
<b>Length outside socket</b>	<b>(mm)</b>	<b>580</b>