

## CONNEX Cable Connectors, Size 8, up to 420 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

<sup>1)</sup> depending on conductor cross section and conductor material



Picture may vary.

### Technical Data

<b>Article no.</b>		<b>889999xxx</b>
<b>Max. system voltage</b>	<b>U<sub>m</sub> (kV)</b>	<b>420</b>
<b>Size</b>		<b>8</b>
<b>Type designation</b>		<b>dry-type termination</b>
<b>Applicable standards</b>		<b>IEC 62067:2011</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>380 - 400</b>
<b>Conductor residual voltage</b>	<b>U<sub>0</sub> (kV)</b>	<b>220</b>
<b>Rated power frequency withstand voltage</b>	<b>1 min (kV)</b>	<b>440</b>
<b>Rated lightning impulse withstand voltage BIL</b>	<b>(kV)</b>	<b>1425</b>
<b>Heating cycles</b>	<b>(kV)</b>	<b>440</b>
<b>Partial discharge test &lt; 5pc at</b>	<b>(kV)</b>	<b>330</b>
<b>Nominal current<sup>1)</sup></b>	<b>I<sub>N</sub> (A)</b>	<b>4000</b>
<b>Rated short-time withstand current</b>	<b>(kA)</b>	<b>63</b>
<b>Rated impulse current CALCULATED</b>	<b>(kA)</b>	<b>170</b>
<b>Conductor material</b>		<b>copper or aluminium</b>
<b>Diameter of conductor</b>	<b>Ø (mm)</b>	<b>72.5</b>
<b>Conductor cross section area</b>	<b>(mm<sup>2</sup>)</b>	<b>630 - 3000</b>

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<b>Diameter of insulating</b>	<b>(mm)</b>	<b>144</b>
<b>Connection method</b>		<b>Compression connection</b>
<b>Length outside socket</b>	<b>(mm)</b>	<b>1475</b>