

## CONNEX Socket, Size 5-S, for Transformer, up to 145 kV

### Application:

- Socket for mounting into transformers and other oil-insulated equipment.

### Characteristics:

- Compact design of the socket allows very small cable boxes and reduction of insulation oil
- Preassembled Ventilation Valve for vertically installation of the socket, e.g. for mounting pluggable bushings or surge arresters
- Transformer testing in factory due to short time amount for plugging the accessories
- Assembly time is significantly reduced and safe assembling guaranteed
- Touch-proof, maintenance-free and floodable (IP67)



Picture may vary.

## Technical Data

<b>Article no.</b>	<b>828 051 999 00014</b>	
<b>Size</b>	<b>5-S</b>	
<b>Max. system voltage</b>	<b>U<sub>m</sub> (kV)</b>	<b>145</b>
<b>Nominal voltage</b>	<b>U<sub>n</sub> (kV)</b>	<b>132 - 138</b>
<b>Conductor residual voltage</b>	<b>U<sub>0</sub> (kV)</b>	<b>76</b>
<b>Applicable standards</b>	<b>Compact design</b>	
<b>Fitting length</b>	<b>(mm)</b>	<b>410</b>
<b>Pitch circle diameter</b>	<b>(mm)</b>	<b>320</b>
<b>Capacitive voltage tap</b>	<b>with</b>	
<b>Ventilation valve</b>	<b>with</b>	
<b>Working place</b>	<b>outdoor, indoor and offshore</b>	
<b>Insulation medium</b>	<b>mineral oil</b>	
<b>Routine test: AC withstand voltage 1 min.</b>	<b>(kV)</b>	<b>305</b>
<b>Routine test: Partial discharge test &lt; 2 pC at</b>	<b>(kV)</b>	<b>275</b>
<b>Rated lightning impulse withstand voltage BIL</b>	<b>(kV)</b>	<b>650</b>
<b>Nominal current</b>	<b>I<sub>N</sub> (A)</b>	<b>2500</b>
<b>Max. dynamic short circuit current</b>	<b>(kA)</b>	<b>160</b>