

# CONNEX Socket, Size 8, for Transformer, up to 420 kV

## Application:

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

## Characteristics:

- 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>828 081 999 00003</b>                           |                  |
| <b>Size</b>  | <b>8</b>   |                  |
| <b>Max. system voltage</b>                               | <b>U<sub>m</sub> (kV)</b>                          | <b>420</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>Applicable standards</b>                              | <b>EN 50299-1:2014</b>                             |                  |
| <b>Fitting length</b>                                    | <b>(mm)</b>  | <b>1400</b>      |
| <b>Pitch circle diameter</b>                             | <b>(mm)</b>  | <b>640</b>       |
| <b>Capacitive voltage tap</b>                            | <b>with</b>  |                  |
| <b>Ventilation valve</b>                                 | <b>without</b>                                     |                  |
| <b>Working place</b>                                     | <b>outdoor, indoor and offshore</b>                |                  |
| <b>Insulation medium</b>                                 | <b>mineral oil (variants for ester on request)</b> |                  |
| <b>Routine test: AC withstand voltage 1 min.</b>         | <b>(kV)</b>  | <b>650</b>       |
| <b>Routine test: Partial discharge test &lt; 5 pC at</b> | <b>(kV)</b>  | <b>590</b>       |
| <b>Rated lightning impulse withstand voltage BIL</b>     | <b>(kV)</b>  | <b>1425</b>      |
| <b>Nominal current</b>                                   | <b>I<sub>N</sub> (A)</b>                           | <b>4000</b>      |
| <b>Max. dynamic short circuit current</b>                | <b>(kA)</b>  | <b>170</b>       |