

## CONNEX Double Elbow Bushing, Size 3, up to 42 kV

### Application:

- Elbow Bushing for mounting into transformers
- For clamping and plug-in type connection
- Enables plug-in of two CONNEX components
- Insulating medium: oil (max. operating temperature: 100°C)

### Characteristics:

- Testing of transformer 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>827 660 001</b>                  |             |
| <b>Size</b>  | <b>3</b>                            |             |
| <b>Max. system voltage</b>                                   | <b>U<sub>m</sub> (kV)</b>           | <b>42</b>   |
| <b>Nominal voltage</b>                                       | <b>U<sub>n</sub> (kV)</b>           | <b>36</b>   |
| <b>Conductor Earth Voltage</b>                               | <b>U<sub>0</sub> (kV)</b>           | <b>20,8</b> |
| <b>Applicable standards</b>                                  | <b>EN 50180-3</b>                   |             |
| <b>Cone length inside transformer</b>                        | <b>(mm)</b>                         | <b>125</b>  |
| <b>Pitch circle diameter for fastening</b>                   | <b>(mm)</b>                         | <b>200</b>  |
| <b>Cone</b>  | <b>standard</b>                     |             |
| <b>Working place</b>   | <b>indoor, outdoor and offshore</b> |             |
| <b>Insulation medium</b>                                     | <b>mineral oil or ester</b>         |             |
| <b>Routine test: AC withstand voltage 1 min.</b>             | <b>(kV)</b>                         | <b>84</b>   |
| <b>Routine test: Partial discharge test &lt; 5 pC at</b>     | <b>(kV)</b>                         | <b>42</b>   |
| <b>Rated lightning impulse withstand voltage BIL</b>         | <b>(kV)</b>                         | <b>200</b>  |
| <b>Rated current I<sub>r</sub> per socket</b>                | <b>(A)</b>                          | <b>1250</b> |
| <b>Rated current I<sub>r</sub> contact pin clamping-type</b> | <b>(A)</b>                          | <b>2500</b> |
| <b>Rated current I<sub>r</sub> contact pin plug-in-type</b>  | <b>(A)</b>                          | <b>2200</b> |