

# CONNEX Test and Transition Connector, Size 1, $U_m = 36$ kV, $I_n = 630$ A, $U(\text{AC} - 5 \text{ min}) = 81$ kV, $U(\text{LI}) = 170$ kV, turnable

To fulfill multiple usage requirements, the component is designed with 45° angle.

They are used as transitional connecting parts when transformers that are equipped with CONNEX sockets are connected to blank (overhead) lines.

They are used as CONNEX test connecting parts for electrical testing of equipment that is equipped with CONNEX sockets.



Picture may vary.

## Technical Data

<b>Article no.</b>	<b>827 186 211</b>
<b>Size</b>	<b>1</b>
<b>Applicable standards</b>	<b>EN 50180, EN 50181, DIN VDE 0278-629</b>
<b>Working place</b>	<b>indoor and outdoor</b>
<b>Max. installation altitude ASL</b>	(m) <b>1000</b>
<b>Environment temperature</b>	(°C) <b>-25 °C up to 50 °C</b>
<b>Max. system voltage</b>	$U_m$ (kV) <b>36</b>
<b>Nominal voltage</b>	$U_n$ (kV) <b>30</b>
<b>Rated design voltage to ground</b>	$U_0$ (kV) <b>18</b>
<b>Nominal current</b>	$I_N$ (A) <b>630</b>
<b>AC withstand voltage</b>	5 min (kV) <b>81</b>
<b>Lightning impulse withstand voltage</b>	(kV) <b>170</b>
<b>Partial discharge test &lt; 10pC at</b>	(kV) <b>36</b>
<b>Field control method</b>	<b>geometrical</b>
<b>Material</b>	<b>silicone rubber, Epoxy Resin</b>
<b>Production method</b>	<b>injection moulding</b>
<b>Connection thread</b>	<b>1 x M12</b>

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<b>Article no.</b>		<b>827 186 211</b>
<b>Weight</b>	<b>(kg)</b>	<b>6,8</b>

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## Dimensions

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<b>Pitch circle diameter</b>	<b>(mm)</b>	<b>95</b>
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