

# CONNEX Surge Arrester 10 kA



Picture may vary.

## Technical Data

<b>Article no.</b>	<b>827 527 450</b>	
<b>Size</b>	<b>2</b>	
<b>Rated voltage <math>U_r</math></b>	$U_r$ (kV)	<b>45</b>
<b>Max. continuous rating <math>U_c</math></b>	$U_c$ (kV)	<b>36</b>
<b>Environment temperature</b>	(°C)	<b>-25 up to +40</b>
<b>Max. residual voltage <math>U_{res}</math> at 5 kA, 8/20 <math>\mu</math>s</b>	8/20 $\mu$ s 5 kA (kV)	<b>120</b>
<b>Max. residual voltage <math>U_{res}</math> at 8/20 <math>\mu</math>s 10 kA</b>	8/20 $\mu$ s 10 kA (kV)	<b>131</b>
<b>Max. residual voltage <math>U_{res}</math> at steep impulse 1/20 <math>\mu</math>s</b>	Steilstoß 1/20 $\mu$ s (kV)	<b>140</b>
<b>Line discharge class</b>	<b>1</b>	
<b>Power consumption capacity</b>	(kJ/kV)	<b>2</b>
<b>Rated discharge surge current</b>	(kA)	<b>10</b>
<b>High peak current</b>	(kA)	<b>65</b>
<b>Long-wave peak current</b>	(A)	<b>250</b>
<b>Short-circuit withstand current</b>	(kA)	<b>16</b>
<b>Earth Conductor</b>	(mm <sup>2</sup> )	<b>min. 16</b>

## Dimensions

<b>Surge arrester length when mounted</b>	<b>L (mm)</b>	<b>500</b>
<b>Length l</b>	<b>(mm)</b>	<b>500</b>
<b>Surge arrester diameter</b>	<b>X (mm)</b>	<b>65,5</b>
<b>Thickness d</b>	<b>(mm)</b>	<b>98</b>
<b>Dimension x</b>	<b>(mm)</b>	<b>66</b>