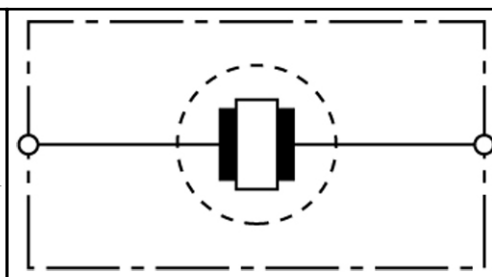
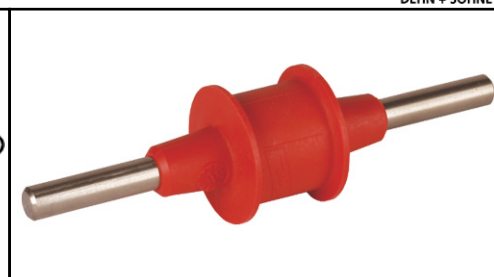


Dimension drawing TFS / KFSU



Basic circuit diagram TFS / KFSU



TFS / KFSU: Isolating spark gaps with plastic coating and 2 connections (Rd 10 mm) made of stainless steel

- **For indirect connection/earthing of functionally separate parts of installations when being affected by lightning**
- **For use in correspondence with lightning equipotential bonding according to IEC 62305**
- **With corrosion-resistant stainless steel connections**
- **For mounting inside of buildings, outdoors, in damp rooms as well as for underground installation**
- **Extremely loadable devices**

	<b>TFS</b>
<b>Lightning impulse current (10/350 <math>\mu</math>s) [<math>I_{imp}</math>]</b>	100 kA
<b>Classification of lightning current carrying capability acc. to EN 50164-3</b>	H
<b>Nominal discharge current (8/20 <math>\mu</math>s) [<math>I_n</math>]</b>	100 kA
<b>Rated power-frequency withstand voltage (50 Hz) [<math>U_{W/AC}</math>]</b>	300 V
<b>100% Lightning impulse sparkover voltage [<math>U_{rimp}</math>]</b>	$\leq 4$ kV
<b>Power frequency sparkover voltage (50 Hz) [<math>U_{aw}</math>]</b>	$\leq 2.5$ kV
<b>Operating temperature range [<math>T_U</math>]</b>	-20°C...+80°C
<b>Degree of protection</b>	IP 65
<b>Length</b>	160 mm
<b>Diameter of enclosure</b>	43 mm
<b>Enclosure material</b>	steel-plastic coating
<b>Connection</b>	Rd 10 mm
<b>Material (connection)</b>	stainless steel

**Ordering information**

<b>Type</b>	TFS
<b>Part No.</b>	<b>923 023</b>
<b>Packing unit</b>	1 pcs.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.