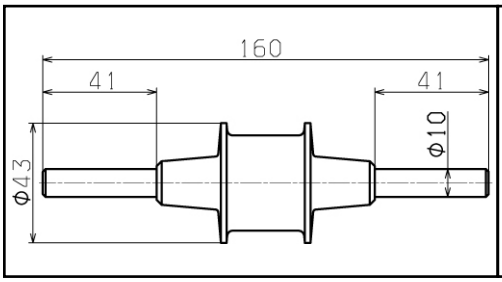
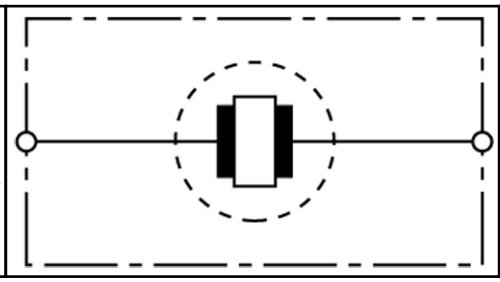
Isolating Spark Gap
TFS

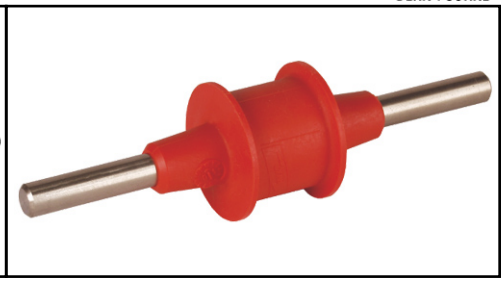
DEHN + SÖHNE



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 isolated installation components when being affected by lightning

For lightning equipotential bonding application 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 heavy-duty devices

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

Ordering information	
Type	TFS
Part No.	**923 023**
Packing unit	1 pc