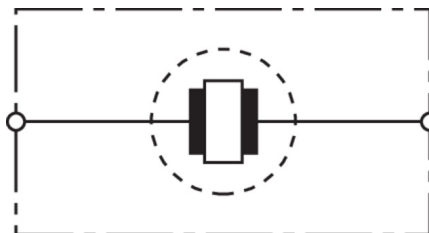


TFS (923 023)

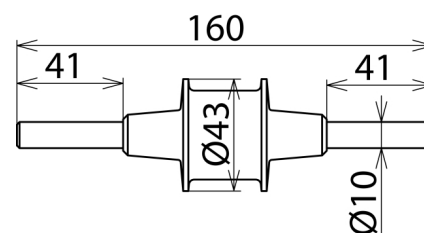
- For indirect connection / earthing of functionally isolated installation parts under lightning conditions
- For lightning equipotential bonding according to IEC 62305
- For installation in buildings, outdoor locations and damp rooms as well as for underground installation



Figure without obligation



Basic circuit diagram TFS



Dimension drawing TFS

Isolating spark gaps with plastic sheath and two stainless steel connections (Rd 10 mm).

Type	TFS
Part No.	923 023
Isolating spark gap according to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) (I_{imp})	100 kA
Class (lightning current carrying capability)	H
Rated power-frequency withstand voltage (50 / 60 Hz) (U_{wAC})	300 V
Rated impulse sparkover voltage ($U_{r imp}$)	≤ 4 kV
Operating temperature range (T_u)	-20 °C ... +80 °C
Degree of protection protection	IP 65
Length	160 mm
Enclosure diameter	43 mm
Enclosure material	steel / plastic coating
Connection	Rd 10 mm
Material (connection)	stainless steel (V2A)
Extended technical data:	
– Nominal discharge current (8/20 µs) (I_n)	100 kA
– Power frequency sparkover voltage (50 / 60 Hz) (U_{aw})	≤ 2.5 kV
Weight	185 g
Customs tariff number (Comb. Nomenclature EU)	85369095
GTIN	4013364074262
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.