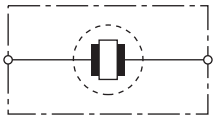
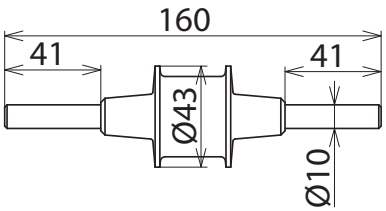
TFS (923 023)

- 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





Basic circuit diagram



Dimension drawing

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

Type	TFS
Part No.	**923 023**
Isolating spark gap acc. to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) (I_{imp})	100 kA
Lightning-current-carrying-capability class	H
Rated power-frequency withstand voltage (50 / 60 Hz) (U_{wAC})	300 V
Rated impulse sparkover voltage ($U_{r\,imp}$)	≤ 6 kV
Operating temperature range (T_U)	-20 °C ... +80 °C
Degree of 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

Masterdata	
Net weight	185 g/pc(s)
GTIN	4013364074262
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85369095

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component