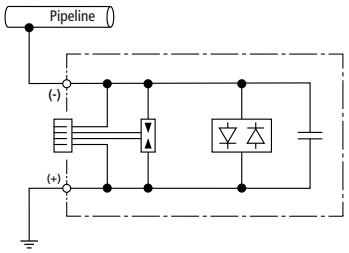
Decoupling device DASD 45

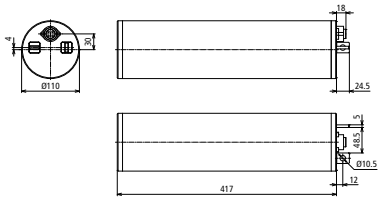
DASD 45 LP 100 T (923402)

- Protection against transient, temporary and long-duration overvoltages
- Does not negatively affect cathodic protection equipment
- Integrated test socket for testing the device





Basic circuit diagram



Dimension drawing

Type	DASD 45 LP 100 T
Part No.	**923402**
Transient discharge current (10/350 µs)	75 kA
Transient discharge current (8/20 µs)	100 kA
Temporary discharge current (16.7 Hz, 50 Hz, 60 Hz)	5,0 kA_{rms} (bis 40 ms) 3,7 kA_{rms} (bis 200 ms) 2,0 kA_{rms} (bis 600 ms)
Long-duration discharge current (16.7 Hz, 50 Hz, 60 Hz)	45 A_{rms}
Transient limiting voltage (up to 1 ms)	≤ 1.35 kV
Temporary limiting voltage (a.c.$_{rms}$) (1 ... 600 ms)	≤ 20 V
Long-duration limiting voltage (> 600 ms)	≤ 3 V
Frequency range (a.c.)	50 / 60 Hz
Max. permissible voltage (d.c.)	- 2 V / + 1 V
Max. leakage current (20 °C) *	< 20 µA
Terminal (pipe / earth electrode)	M10 (stainless steel)
Operating temperature range (T_U)	-45 °C ... +65 °C
Enclosure material	PVC-U
Degree of protection	IP 68
Test socket	four-pole with protective cap
IECEx approvals	IECEx TUR 22.0029X
Ex marking according to EN 60079-0 and EN 60079-7	Ex ec IIC T4 Gc
Extended technical data	
Max. fault current	5 kA (600 ms)

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364442269
PU	1 st

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.