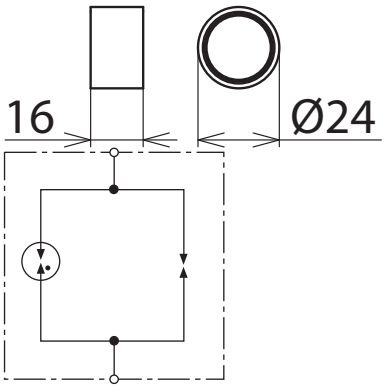
SDS 1 (923 110)

- Electrical isolation of insulated track sections and earthed parts of installations
- Safe equipotential bonding due to high-current-resistant welding of the electrodes in case of a short-circuit or earth fault at the overhead contact line
- Discharge of surges without short-circuit formation





Dimension drawing

Voltage-limiting device for a power-frequency sparkover voltage of ≤ 940 V.

Type	**SDS 1**
Part No.	**923 110**
VLD type (EN 50122-1)	VLD-F
Power frequency sparkover voltage (U_{aw})	≤ 940 V
d.c. sparkover voltage (U_{ag})	700 V -14% ... +28%
Impulse sparkover voltage	≤ 1400 V (1 kV/µs)
Self-extinguishing capability	300 A / 65 V
Lightning current discharge capacity (10/350 µs) 0.1x / 0.5x / 1x	5 kA
Lightning current carrying capability (10/350 µs)	100 kA
Safe short-circuit due to welding of the electrodes in case of alternating currents	≥ 2.5 kA / 1000 V / 30 ms, ≥ 1.5 kA / 1000 V / 100 ms
Safe short-circuit due to welding of the electrodes in case of direct currents	≥ 750 A / 250 ms
Additional short-circuit current rating	25 kA_{rms} / 100 ms; 36 kA_{rms} / 75 ms
Long-term current	1 kA_{rms} for t ≤ 120 s
Leakage current (I_{lc})	< 1 µA for 100 V d.c.
Operating temperature range (T_U)	-40 °C ... +80 °C
To be mounted with	mast adapter MA SDS M12 or SIEMENS No. 8WL6503-xx
Approvals	EBA
DB drawing No.	4 Ebs 15.13.20 Sheet 2

Masterdata	
Net weight	46.2 g/pc(s)
GTIN	4013364092426
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.