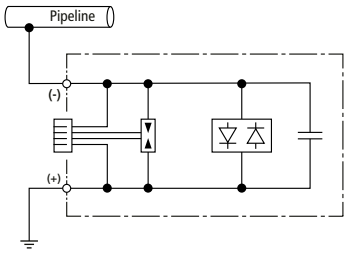
# Decoupling device DASD 45

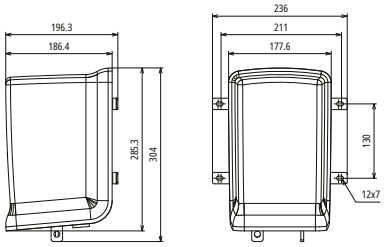
## DASD 45 5 LP 3 T (923409)

- Protection against transient, temporary and long-duration overvoltages
- Robust design and high discharge capacity
- Integrated test socket for testing the device






Basic circuit diagram




Dimension drawing

NEW

| Type | DASD 45 5 LP 3 T |
|---|---|
| **Part No.** | **923409** |
| Transient discharge current (10/350 µs) | 100 kA |
| Transient discharge current (8/20 µs) | 100 kA |
| Temporary discharge current (50 Hz, 60 Hz) | 5 $kA_{rms}$ (up to 600 ms) |
| Long-duration discharge current (50 Hz, 60 Hz) | 45 $A_{rms}$ |
| Transient limiting voltage (up to 1 ms) | ≤ 5.2 kV |
| Frequency range (a.c.) | 50 / 60 Hz |
| Max. permissible voltage (d.c.) | -3 V / +1 V |
| Max. leakage current (20 °C) * | < 20 µA |
| Terminal (pipe / earth electrode) | M10 (stainless steel) |
| Operating temperature range ($T_U$) | -40°C to +60°C |
| Enclosure material | Grilon TSG (PA66/6) |
| Degree of protection | IP 68 |
| Test socket | 4-pole with protective cap |
| IECEx approvals | Ex ec IIC T6 Gc |
| ATEX approvals | II 3 G Ex ec IIC T6 Gc<br>**Ambient temperature** (Ta): -40 °C ... +60 °C |
| NRTL approvals | Class I, Division 2, Groups A-D, T6<br>Class I, Zone 2, AEx ec IIC T6 Gc<br>**Ambient temperature:** -40 °C ≤ T amb ≤ +60 °C |
| SCC approvals | Class I, Zone 2, Group IIC, T6<br>Ex ec IIC T6 Gc<br>**Ambient temperature:** -40 °C ≤ T amb ≤ +60 °C |

| **Masterdata** | |
|---|---|
| Net weight | 1 pc(s)/st |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |
| GTIN | 4013364520790 |
| 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.

* This test is carried out to measure any leakage current via capacitor at a temperature of 20 deg C, with an applied DC voltage of 0.5V, and after a stabilzation period of 1hour.