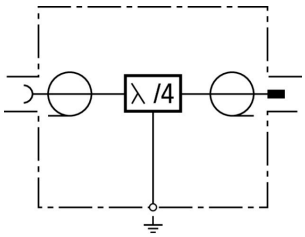
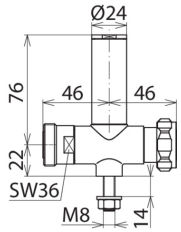
DGA L4 7 16 S (929 047)

- Maintenance-free combined lightning current and surge arrester (high discharge capacity and low voltage protection level)
- Maximum transmission and PIM performance
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A–2 and higher

Figure without obligation



Basic circuit diagram DGA L4 7 16 S



Dimension drawing DGA L4 7 16 S

Combined lightning current and surge arrester with maintenance-free quarter-wave technology for multi-frequency applications (multi-carrier systems). The arrester is also capable of discharging high partial lightning currents. No remote supply as the arrester represents an electrical short-circuit for low-frequency signals. Broadband device for all 4+3G services.

Type Part No.	DGA L4 7 16 S 929 047
SPD class	TYPE 1 P1
Max. continuous operating voltage (d.c.) (U_C)	0 V
Nominal current (I_L)	0 A
Max. transmission capacity	3000 W
D1 Lightning impulse current (10/350 µs) (I_{imp})	25 kA
C2 Nominal discharge current (8/20 µs) (I_n)	50 kA
Voltage protection level for I_n C2 (U_P)	≤ 130 V
Frequency range	380-512 MHz
Insertion loss	< 0.1 dB
Return loss	≥ 20 dB
Characteristic impedance (Z)	50 ohms
Operating temperature range (T_U)	-40 °C ... +85 °C
Degree of protection	IP 65
Connection	7/16 socket / 7/16 plug
Earthing via	earthing screw
Enclosure material	brass, refined surface with trimetal plating
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Weight	467 g
Customs tariff number (Comb. Nomenclature EU)	85366910
GTIN	4013364091085
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.