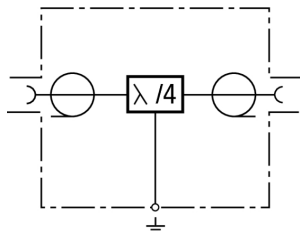


## DGA L4 N EB (929 059)

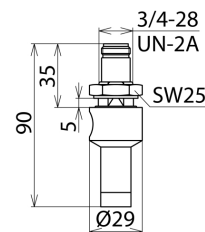
- Maintenance-free combined lightning current and surge arrester, optimised bandwidth and dimensions
- Maximum transmission performance for WiMax and Wi-Fi applications
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_A - 2$  and higher



Figure without obligation



Basic circuit diagram DGA L4 N EB



Dimension drawing DGA L4 N EB

Extremely broadband combined lightning current and surge arrester with maintenance-free quarterwave technology, adapted frequency band for Broadband Wireless Access applications and compact dimensions of the enclosure. No remote supply possible since the arrester represents an electrical short-circuit for low-frequency signals.

Type	DGA L4 N EB
Part No.	929 059
SPD class	<b>TYPE 1 P1</b>
Nominal voltage ( $U_n$ )	0 V
Max. continuous operating voltage (d.c.) ( $U_c$ )	0 V
Nominal current ( $I_n$ )	0 A
Max. transmission capacity	300 W
D1 Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	25 kA
C2 Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	50 kA
Voltage protection level for $I_{imp}$ D1 ( $U_p$ )	$\leq 18$ V
Voltage protection level for $I_n$ C2 ( $U_p$ )	$\leq 30$ V
Frequency range	2.0-6.0 GHz
Insertion loss	$\leq 0.2$ dB
Return loss	$\geq 20$
Characteristic impedance (Z)	50 ohms
Operating temperature range ( $T_U$ )	-40 °C ... +85 °C
Degree of protection	IP 65
Connection	N socket / N socket
Earthing via	bushing ( $\varnothing 19.3$ mm)
Enclosure material	aluminium
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Weight	99 g
Customs tariff number	85366910
GTIN	4013364118966
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.