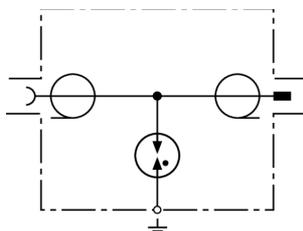


## DGA G SMA (929 039)

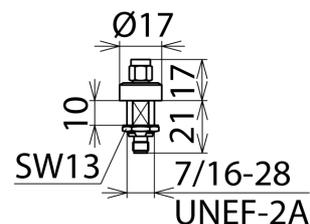
- Compact dimensions
- Extremely wide transmission range
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_B - 1$  and higher



Figure without obligation



Basic circuit diagram DGA G SMA



Dimension drawing DGA G SMA

Surge arrester for remote supply with integrated gas discharge tube. Ideally suited for wireless applications for the coaxial interfaces of devices and antennas.

Available with SMA, BNC or N connection for bushing installation.

Type	DGA G SMA
Part No.	929 039
SPD class	<b>TYPE 2</b>
Max. continuous operating voltage (d.c.) ( $U_C$ )	135 V
Nominal current ( $I_L$ )	2 A
Max. transmission capacity	60 W
D1 Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	1 kA
C2 Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	5 kA
Voltage protection level for $I_n$ C2 ( $U_P$ )	$\leq 700$ V
Frequency range	0-5.8 GHz
Insertion loss	$\leq 0.2$ dB
Return loss (d.c. - 3 GHz)	$\geq 20$ dB
Return loss (3 GHz-4 GHz)	$\geq 18$ dB
Return loss (4 GHz-5.8 GHz)	$\geq 18$ dB
Characteristic impedance (Z)	50 ohms
Operating temperature range ( $T_U$ )	-40 °C ... +85 °C
Degree of protection (if lines are connected)	IP 65
Connection	SMA socket / SMA plug
Earthing via	bushing ( $\varnothing 11.2$ mm)
Enclosure material	gold-plated brass
Colour	gold
Test standards	IEC 61643-21 / EN 61643-21
Weight	92 g
Customs tariff number	85366910
GTIN	4013364135185
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.