

## DGA BNC VCID (909 711)

- Easily adaptable due to BNC sockets
- Available with direct or indirect shield earthing according to type
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_b \geq 2$  and higher

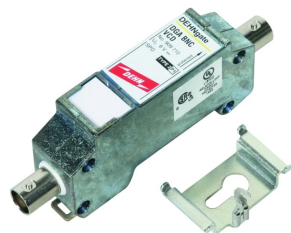
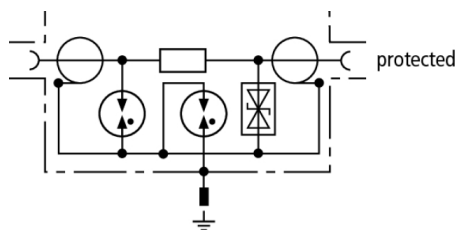
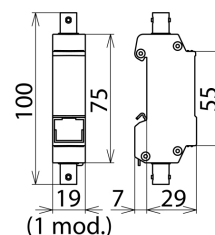


Figure without obligation



Basic circuit diagram DGA BNC VCID



Dimension drawing DGA BNC VCID

Type	DGA BNC VCID
Part No.	909 711
SPD class	TYPE 2 PD
Nominal voltage ( $U_n$ )	5 V
Max. continuous operating voltage (d.c.) ( $U_c$ )	6.4 V
Nominal current ( $I_n$ )	0.1 A
D1 Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	1 kA
C2 Nominal discharge current (8/20 $\mu$ s) shield-PG ( $I_n$ )	10 kA
C2 Nominal discharge current (8/20 $\mu$ s) line-shield ( $I_n$ )	5 kA
Voltage protection level line-shield for $I_n$ C2 ( $U_p$ )	$\leq 35$ V
Voltage protection level shield-PG for $I_n$ C2 ( $U_p$ )	$\leq 650$ V
Voltage protection level line-shield at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 13$ V
Voltage protection level shield-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 600$ V
Frequency range	0-300 MHz
Insertion loss at 160 MHz	$\leq 0.4$ dB
Insertion loss at 300 MHz	$\leq 3$ dB
Return loss at 130 MHz	$\geq 20$ dB
Return loss at 300 MHz	$\geq 10$ dB
Characteristic impedance (Z)	50 ohms
Series resistance per line	4.7 ohms
Capacitance line-shield (C)	$\leq 25$ pF
Capacitance shield-PG (C)	$\leq 20$ pF
Operating temperature range ( $T_U$ )	-40 °C ... +80 °C
Degree of protection	IP 10
For mounting on	35 mm DIN rails according to EN 60715
Connection (input / output)	BNC socket / BNC socket
Earthing via	35 mm DIN rail according to EN 60715
Enclosure material	zinc die-casting
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Approvals	CSA, UL
Weight	116 g
Customs tariff number	85366910
GTIN	4013364118980
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.