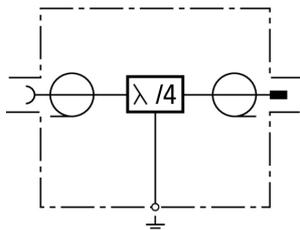


## DGA L4 7 16 B (929 048)

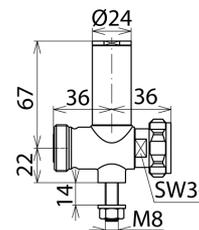
Maintenance-free combined lightning current and surge arrester (high discharge capacity and low voltage protection level)  
 Maximum transmission and PIM performance  
 For installation in conformity with the lightning protection zones concept at the boundaries from  $0_A-2$  and higher



Figure without obligation



Basic circuit diagram DGA L4 7 16 B



Dimension drawing DGA L4 7 16 B

Combined lightning current and surge arrester with maintenance-free quarterwave technology and adapted frequency band. The arresters are also able to discharge high partial lightning currents. No remote supply as the arrester represents an electrical short circuit for low-frequency signals. Alternative types with other connections are available on request.

Type	DGA L4 7 16 B
Part No.	929 048
SPD class	<b>TYPE IPI</b>
Max. continuous operating d.c. voltage ( $U_c$ )	0 V
Nominal current ( $I_n$ )	0 A
Max. transmission capacity	1700 W
D1 Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	40 kA
C2 Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	80 kA
Voltage protection level for $I_n$ C2 ( $U_p$ )	$\leq 180$ V
Frequency range	800 MHz - 2.2 GHz
Insertion loss	$\leq 0.15$ dB
Return loss	$\geq 20$ dB
Surge impedance (Z)	50 ohms
Intermodulation	typ. -150 dBc @ 2*43 dBm
Operating temperature range	-40°C...+85°C
Degree of protection	IP 65
Connection (input/output)	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
Approvals	GOST
Weight	374 g
Customs tariff number	85366910
GTIN	4013364091092
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.