

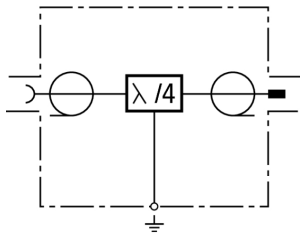


DGA L4 7 16 S (929 047)

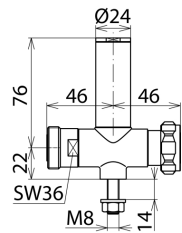
Maintenance-free combined lightning current and surge arrester (high discharge capacity and low voltage protection level)
Maximum transmission and PIM performance
For installation in conformity with the lightning protection zones concept at the boundaries from 0_A–2 and higher



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 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 S
Part No.	929 047
SPD class	TYPE 1P1
Max. continuous operating d.c. voltage (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 MHz - 512 MHz
Insertion loss	< 0.1 dB
Return loss	≥ 20 dB
Surge impedance (Z)	50 ohms
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	467 g
Customs tariff number	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.