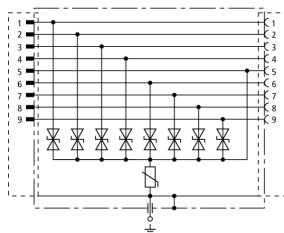


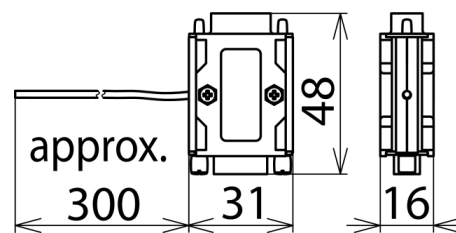
FS 9E HS 12 (924 019)



Figure without obligation



Basic circuit diagram FS 9E HS 12



Dimension drawing FS 9E HS 12

Type	FS 9E HS 12
Part No.	924 019
SPD class	TYPE 4 Pt
Nominal voltage (U_N)	12 V
Max. continuous operating d.c. voltage (U_c)	15 V
C1 Nominal discharge current (8/20 μ s) line-SG (I_n)	0.1 kA
C1 Nominal discharge current (8/20 μ s) SG-PG (I_n)	0.1 kA
Voltage protection level line-SG for I_n C1 (U_p)	≤ 24 V
Voltage protection level SG-PG for I_n C1 (U_p)	≤ 200 V
Voltage protection level line-SG at 1 kV/ μ s C3 (U_p)	≤ 21 V
Voltage protection level SG-PG at 1 kV/ μ s C3 (U_p)	≤ 130 V
Cut-off frequency (f_c)	10 MHz
Capacitance line-SG (C)	700 pF
Capacitance SG-PG (C)	350 pF
Operating temperature range	-40°C...+80°C
Degree of protection	IP 40
For mounting on	D-SUB (2 threaded screws 4/40 UNC)
Connection (input/output)	D-SUB 9 plug / D-SUB 9 socket
Pinning	line: 1/2/3/4/6/7/8/9, SG: 5
Earthing via	outgoing earthing conductor (0.75 mm ²)
Length of the connecting lead	300 mm (PG)
Enclosure material	plastic, metallised
Colour	silver
Test standards	IEC 61643-21 / EN 61643-21
Approvals	GOST
Weight	33 g
Customs tariff number	85363010
GTIN	4013364058590
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.