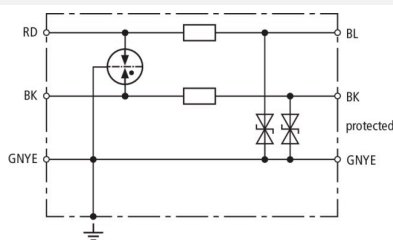


DPI ME 24 N A2G (929 921)

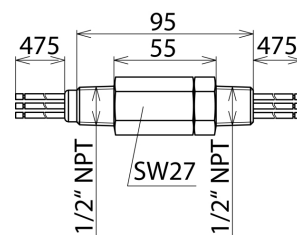
- Robust design
- Encapsulated protective circuit
- Types with single-ended cable connection available on request
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_B -2$ and higher



Figure without obligation



Basic circuit diagram DPI ME 24 N A2G



Dimension drawing DPI ME 24 N A2G

Energy-coordinated two-stage arrester with gas discharge tube and diodes to earth. For unbalanced interfaces with 1/2-14 NPT thread (male/male). The earthing conductor is led through the surge arrester.

Technical data

Type	DPI ME 24 N A2G
Part No.	929 921
SPD class	TYPE 2 [PI]
Nominal voltage (U_N)	24 V
Max. continuous operating voltage (d.c.) (U_C)	34.8 V
Max. continuous operating voltage (a.c.) (U_C)	24.5 V
Nominal current (I_L)	0.5 A
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	1 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) per line (I_n)	10 kA
Voltage protection level line-line for I_n C2 (U_P)	≤ 120 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 65 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_P)	≤ 98 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_P)	≤ 49 V
Capacitance line-line (C)	≤ 250 pF
Capacitance line-PG (C)	≤ 450 pF
Series resistance per line	4.7 ohms
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 67
For mounting on (field / device side)	$1/2$ -14 NPT male thread / $1/2$ -14 NPT male thread
Connection (input / output)	connecting lines AWG 16
Length of the connecting lead	500 mm
Earthing via	enclosure and connecting line
Enclosure material	StSt (V2A)
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Approvals	UL, EAC, SIL
SIL classification	up to SIL3 *)
Weight	218 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364098169
PU	1 pc(s)

*) For details see: www.dehn-international.com

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.