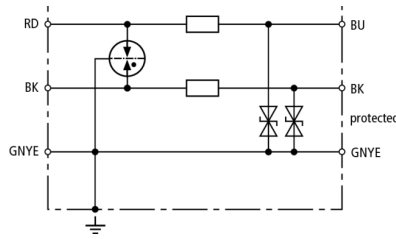


DPI ME 24 N A2G (929 921)

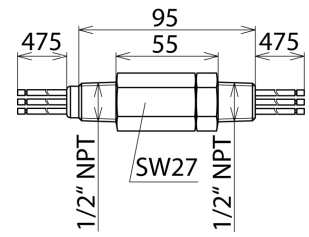
- Robust design
- Encapsulated protective circuit
- Single-ended cable connection available on request
- For installation in conformity with the lightning protection zones concept at the boundaries from $O_B -2$ and higher



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.

Type	DPI ME 24 N A2G
Part No.	929 921
SPD class	TYPE 2 PI
Nominal voltage (U_n)	24 V
Max. continuous operating d.c. voltage (U_c)	34.8 V
Max. continuous operating a.c. voltage (U_c)	24.5 V
Nominal current (I_n)	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
Series resistance per line	4.7 ohms
Capacitance line-line (C)	≤ 250 pF
Capacitance line-PG (C)	≤ 450 pF
Operating temperature range	-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 leads AWG 16
Length of the connecting lead	500 mm
Earthing via	enclosure and connecting lead
Enclosure material	V2A
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
SIL classification	SIL2 / SIL3 *)
Approvals	UL, GOST
Weight	218 g
Customs tariff number	85363010
GTIN	4013364098169
PU	1 pc(s)

*) For more detailed information, please visit www.dehn.de/en/sil/

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.