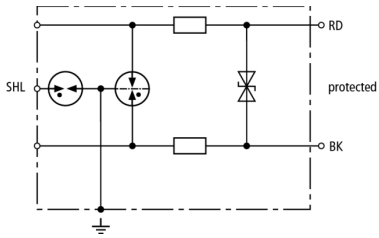
DPI MD 24 M 2S (929 941)

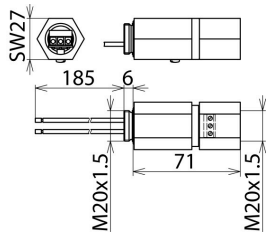
- Easy to mount due to two-part design
- Suitable for three shielding concepts
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_B –2 and higher



Figure without obligation



Basic circuit diagram DPI MD 24 M 2S



Dimension drawing DPI MD 24 M 2S

Energy-coordinated two-stage arrester, no leakage currents to earth, for 4-20 mA interfaces with thread M20 x 1.5 (female/male). Direct, indirect or no shield earthing. Cable gland available as accessory part.

Technical data

Type Part No.	DPI MD 24 M 2S 929 941
SPD class	TYPE 2 P1
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 µs) per line (I_{imp})	1 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) shield-PG (I_n)	20 kA
Voltage protection level line-line for I_n C2 (U_p)	≤ 65 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 650 V
Voltage protection level shield-PG for I_n C2 (U_P)	≤ 650 V
Voltage protection level line-line at 1 kV/µs C3 (U_P)	≤ 50 V
Voltage protection level line-PG at 1 kV/µs C3 (U_P)	≤ 500 V
Voltage protection level shield-PG at 1 kV/µs C3 (U_P)	≤ 600 V
Cut-off frequency line-line (f_G)	14 MHz
Capacitance line-line (C)	≤ 400 pF
Capacitance line-PG (C)	≤ 20 pF
Capacitance shield-PG (C)	≤ 15 pF
Series resistance per line	2.2 ohms
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection with cable gland	IP 67
For mounting on (field / device side)	M20 x 1.5 female thread / M20 x 1.5 male thread
Connection (input / output)	screw / connecting lines (1.5 mm^2)
Length of the connecting lead	200 mm
Cross-sectional area, solid	0.08-2.5 mm^2
Cross-sectional area, flexible	0.08-1.5 mm^2
Earthing via	enclosure or earthing ring (accessories)
Enclosure material	StSt (V2A)
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Approvals	SIL
SIL classification	up to SIL3 *)
Weight	173 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364098152
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.