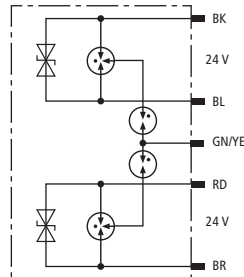
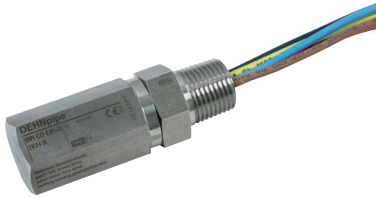
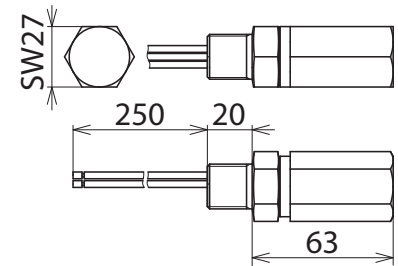


DPI CD EXI+D 2X24 N (929 951)

- Easy to mount on the spare cable gland of field devices
- Flexible use in Ex(i) and Ex(d) circuits
- Installation in conformity with the lightning protection zone concept at the boundaries from $0_B - 2$ and higher



Basic circuit diagram



Dimension drawing

Flameproof surge arrester for use in potentially explosive atmospheres for protecting two 24 V interfaces

Type	DPI CD EXI+D 2X24 N
Part No.	929 951
Technical data	
SPD class	TYPE 2 Pt
Nominal voltage (U_n)	24 V
Max. continuous operating voltage DC (U_c)	36 V
Max. continuous operating a.c. voltage (U_c)	25,4 V
Nominal current (I_n)	0,55 A
D1 Lightning impulse current (10/350 μ s) line-PG (I_{imp})	1,5 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	20 kA
C2 Nominal discharge current (8/20 μ s) line-PG (I_n)	10 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)	≤ 2000 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_p)	≤ 50 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_p)	≤ 1200 V
Capacitance line-line (C)	≤ 2000 pF
Capacitance line-PG (C)	≤ 15 pF
Operating temperature range (T_{op})	-40 °C ... +80 °C
Degree of protection	Aufbau in IP 67
For mounting on (field / device side)	1/2"-14 NPT Außengewinde
Connection	Anschlussleitungen 1,3 mm ²
Length of the connecting lead	250 mm
Earthing via	Anschlussleitung
Enclosure material	NIRO (V2A)
Colour	blank
Test standards	IEC 61643-21 / EN 61643-21
Approvals	ATEX, IECEx, CCC, CSA & USA Hazloc, SIL
ATEX approvals (1)	DEKRA 11ATEX0207 X: II 2 (1) G Ex ia [ia Ga] IIC T5 / T6 Gb
ATEX approvals (2)	DEKRA 11ATEX0217 X: II 2 G Ex db IIC T5 / T6 Gb
IECEx approvals (1)	DEK 11.0076X: Ex ia [ia Ga] IIC T5 / T6 Gb
IECEx approvals (2)	DEK 11.0079X: Ex db IIC T5 / T6 Gb
CSA & USA Hazloc approvals (1)	CSA 13.70000407: Ex ia [ia] IIC T5 ... T6
CSA & USA Hazloc approvals (2)	CSA 13.70000407: Class I Div 1, 2; Class I Zone 1
China Compulsory Certification (1)	CCC No. 2021312304001028 (Ex ia)
China Compulsory Certification (2)	CCC No. 2021312304001025 (Ex d)
SIL classification	bis SIL3 *)
Masterdata	
Net weight	222 g/pc(s)
GTIN	4013364137394
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

^{*)} For details, see: www.dehn-international.com