

## 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  $O_B - 2$  and higher

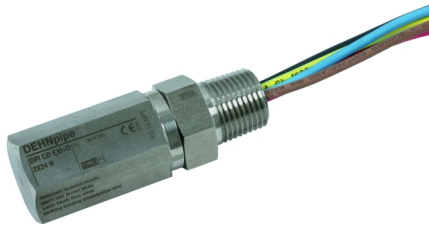
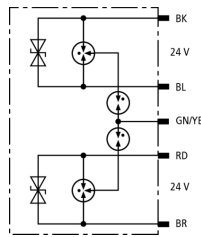
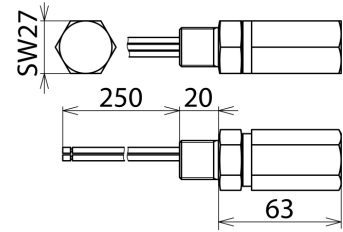


Figure without obligation



Basic circuit diagram DPI CD EXI+D 2X24 N



Dimension drawing DPI CD EXI+D 2X24 N

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

### Technical data

Type	DPI CD EXI+D 2X24 N
Part No.	929 951
SPD class	<b>TYPE 2</b> Pi
Nominal voltage ( $U_N$ )	24 V
Max. continuous operating voltage (d.c.) ( $U_C$ )	36 V
Max. continuous operating voltage (a.c.) ( $U_C$ )	25.4 V
Nominal current ( $I_N$ )	0.55 A
D1 Lightning impulse current (10/350 $\mu$ s) line-PG ( $I_{imp}$ )	1.5 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
C2 Nominal discharge current (8/20 $\mu$ s) line-PG ( $I_n$ )	10 kA
Voltage protection level line-line for $I_n$ C2 ( $U_P$ )	$\leq 65$ V
Voltage protection level line-PG for $I_n$ C2 ( $U_P$ )	$\leq 2000$ V
Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 50$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 1200$ V
Capacitance line-line (C)	$\leq 2000$ pF
Capacitance line-PG (C)	$\leq 15$ pF
Operating temperature range ( $T_U$ )	-40 °C ... +80 °C
Degree of protection	IP 67
For mounting on (field / device side)	$\frac{1}{2}$ -14 NPT male thread
Connection	connecting lines (1.3 mm <sup>2</sup> )
Length of the connecting lead	250 mm
Earthing via	connecting line
Enclosure material	StSt (V4A)
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Approvals	EACEx, 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 d 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 d 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	up to SIL3 <sup>*)</sup>
Weight	222 g
Customs tariff number	85363010
GTIN	4013364137394
PU	1 Stk

<sup>\*)</sup> For details see: [www.dehn-international.com](http://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.