

DPI CD EXI+D 2X48 N (929 953)

- 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

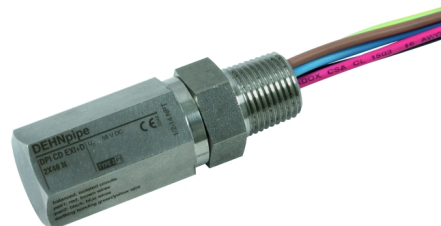
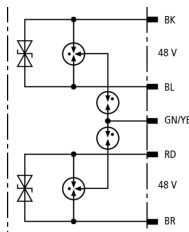
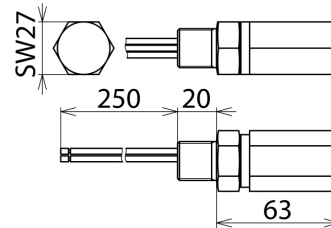


Figure without obligation



Basic circuit diagram DPI CD EXI+D 2X48 N



Dimension drawing DPI CD EXI+D 2X48 N

Flameproof surge arrester for use in potentially explosive atmospheres for protecting two 48 V interfaces

Technical data

Type	DPI CD EXI+D 2X48 N
Part No.	929 953
SPD class	TYPE 2 Pi
Nominal voltage (U_N)	48 V
Max. continuous operating voltage (d.c.) (U_C)	58 V
Max. continuous operating voltage (a.c.) (U_C)	41 V
Nominal current (I_L)	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)	≤ 95 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)	≤ 80 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_p)	≤ 1200 V
Capacitance line-line (C)	≤ 1200 pF
Capacitance line-PG (C)	≤ 15 pF
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
Connection	connecting lines (1.3 mm ²)
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, 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
CSA & USA Hazloc approvals (2)	CSA 13.70000407: Class I Div 1, 2; Class I Zone 1
SIL classification	up to SIL3 ^{*)}
Weight	222 g
Customs tariff number	85363010
GTIN	4013364137417
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.