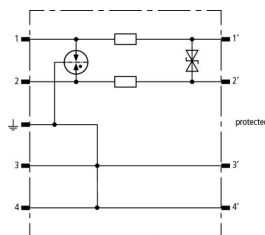


BSP M2 BD 12 (926 242)

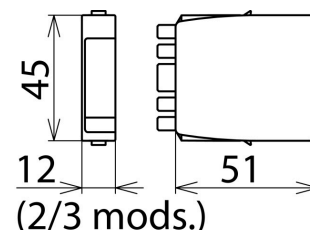
- High degree of protection for one pair
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_b - 2$ and higher



Figure without obligation



Basic circuit diagram BSP M2 BD 12



Dimension drawing BSP M2 BD 12

Space-saving surge arrester module for protecting one pair of balanced interfaces with galvanic isolation.

Type	BSP M2 BD 12
Part No.	926 242
SPD class	TYPE 2 PA
Nominal voltage (U_N)	12 V
Max. continuous operating voltage (d.c.) (U_C)	15 V
Max. continuous operating voltage (a.c.) (U_C)	10.6 V
Nominal current at 45 °C (I_N)	1.0 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)	20 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)	≤ 27 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 600 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_P)	≤ 19 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_P)	≤ 550 V
Series impedance per line	1.0 ohm(s)
Cut-off frequency line-line (f_c)	2.8 MHz
Capacitance line-line (C)	≤ 2.0 nF
Capacitance line-PG (C)	≤ 16 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection (with plugged-in protection module)	IP 20
Pluggable into	BXT BAS / BSP BAS 4 base part
Earthing via	BXT BAS / BSP BAS 4 base part
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21
Approvals	UL 497B, CSA, SIL
SIL classification	up to SIL3 *)
Weight	21 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364127081
PU	1 pc(s)

*) For more detailed information, please visit 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.