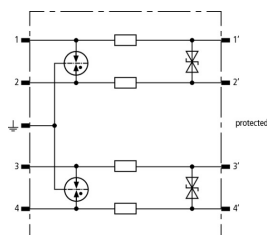


## BSP M4 BD 48 (926 345)

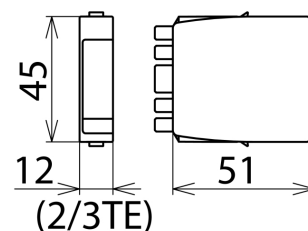
- High degree of protection for two pairs
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_{B-2}$  and higher



Figure without obligation



Basic circuit diagram BSP M4 BD 48



Dimension drawing BSP M4 BD 48

Space-saving surge arrester module for protecting two pairs of balanced interfaces with galvanic isolation.

Type	BSP M4 BD 48
Part No.	926 345
SPD class	TYPE 2P
Nominal voltage ( $U_N$ )	48 V
Max. continuous operating voltage (d.c.) ( $U_C$ )	54 V
Max. continuous operating voltage (a.c.) ( $U_C$ )	38.1 V
Nominal current at 45 °C ( $I_N$ )	1.0 A
D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ )	1 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	10 kA
Voltage protection level line-line for $I_n$ C2 ( $U_p$ )	$\leq 85$ V
Voltage protection level line-PG for $I_n$ C2 ( $U_p$ )	$\leq 600$ V
Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 70$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 550$ V
Series impedance per line	1.0 ohm(s)
Cut-off frequency line-line ( $f_c$ )	8.7 MHz
Capacitance line-line (C)	$\leq 0.7$ nF
Capacitance line-PG (C)	$\leq 16$ 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, UL 497B
Approvals	UL, CSA, SIL, EAC
SIL classification	up to SIL3 <sup>*)</sup>
Weight	22 g
Customs tariff number	85363010
GTIN	4013364127241
PU	1 pc(s)

<sup>\*)</sup> For more detailed information, please visit [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.