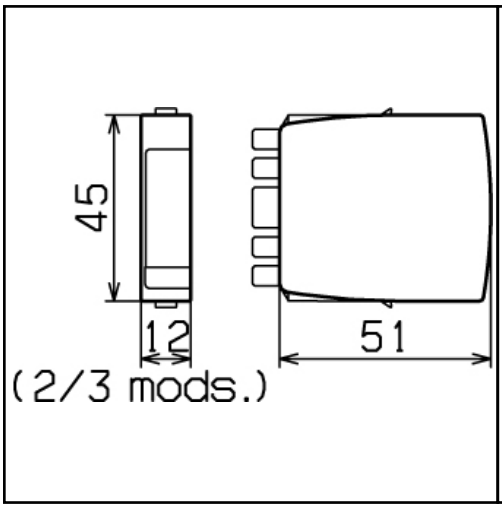
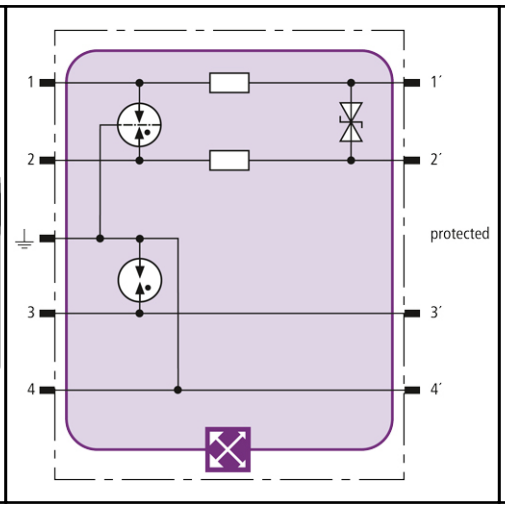
PLUGGABLE SPDS FOR DIN RAIL MOUNTING

BXT ML2 BD S 24



Dimension drawing BXT ML2 BD



LifeCheck detects thermal and electrical overloads after which the SPD has to be replaced. This operating state is indicated by non-contact device DEHNrecord LC.

- **LifeCheck SPD monitoring**
- **Optimal protection for 1 pair and shield**
- **For use according to the lightning protection zones concept at boundaries 0_A 2 and higher**

Space-saving combined lightning current and surge arrester module with LifeCheck monitoring for protecting 1 pair at balanced interfaces with electrical isolation, available with direct or indirect shield earthing.

	BXT ML2 BD S 24
SPD class	TYPE 1 P1
SPD monitoring system	LifeCheck
Nominal voltage [U_N]	24 V
Max. continuous operating d.c. voltage [U_C]	33 V
Max. continuous operating a.c. voltage [U_C]	23.3 V
Nominal current for 45°C [I_L]	1.0 A
D1 Total lightning impulse current (10/350 µs) [I_{imp}]	10 kA
D1 Lightning impulse current (10/350 µs) per line [I_{imp}]	2.5 kA
C2 Total nominal discharge current (8/20 µs) [I_n]	20 kA
Voltage protection level line-line for I_{imp} D1 [U_p]	≤ 52 V
Voltage protection level line-PG for I_{imp} D1 [U_p]	≤ 550 V
Voltage protection level line-line for 1 kV/µs C3 [U_p]	≤ 45 V
Voltage protection level line-PG for 1 kV/µs C3 [U_p]	≤ 550 V
Series impedance per line	1.0 ohm
Bandwidth line-line [f_G]	7.8 MHz
Capacitance line-line [C]	≤ 1.0 nF
Capacitance line-PG [C]	≤ 16 pF
Operating temperature range	-40°C...+80°C
Degree of protection (plugged-in)	IP 20
Pluggable into	base part
Earthing by	base part
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21

Ordering information	
Type	BXT ML2 BD S 24
Part No.	**920 244**
Packing unit	1pcs.

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.

©2008 DEHN + SÖHNE GmbH + Co. KG Hans-Dehn-Str. 1 Postfach 1640 D-92306 Neumarkt, Germany, Tel. +499181 906-0 www.dehn.de, as at: 2008-05-20