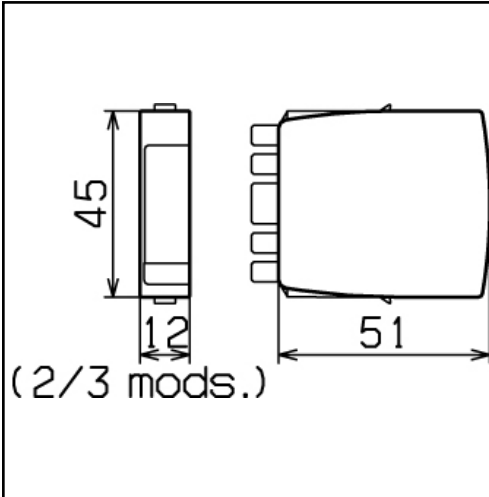
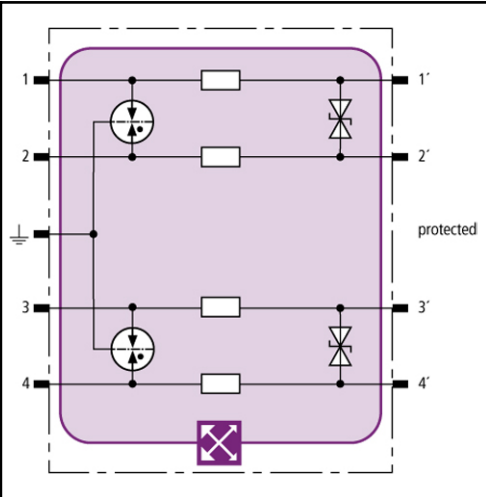


PLUGGABLE SPDs FOR DIN RAIL MOUNTING

BXT ML4 BD 180



Dimension drawing BXT ML4 BD



If LifeCheck detects thermal and electrical overload, the SPD has to be replaced. This status is indicated contactlessly by the DEHNrecord LC reader.



LifeCheck SPD monitoring function

Optimal protection of 2 single pairs

For installation in conformity with the lightning protection zones concept at the boundaries from 0_A – 2 and higher

Space-saving combined lightning current and surge arrester module with LifeCheck feature for protecting 2 pairs of balanced interfaces which are galvanically isolated.

BXT ML4 BD 180

SPD class	TYPE 1P2
SPD monitoring system	LifeCheck
Nominal voltage [U_N]	180 V
Max. continuous operating d.c. voltage [U_{C1}]	180 V
Max. continuous operating a.c. voltage [U_{C2}]	127 V
Nominal current at 45°C [I_{LN}]	0.75 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_{n1}]	20 kA
C2 Nominal discharge current (8/20 μs) per line [I_{n1}]	10 kA
Voltage protection level line-line for I_{imp} D1 [U_p]	≤ 270 V
Voltage protection level line-PG for I_{imp} D1 [U_p]	≤ 550 V
Voltage protection level line-line at 1 kV/μs C3 [U_p]	≤ 250 V
Voltage protection level line-PG at 1 kV/μs C3 [U_p]	≤ 550 V
Series impedance per line	1.8 ohm(s)
Capacitance line-line [C]	≤ 240 pF
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 via	base part
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21, UL 497B
SIL classification	SIL2 / SIL3 for more details see: www.dehn.de/en/sil/
Ex certifications	ATEX: DEKRA 11ATEX0089 X: II 3 G Ex nA IIC T4 Gc IECEX DEK 11.0032X: Ex nA II T4 Gc
Approvals, Certifications	CSA, VdS, UL, GOST

Ordering information	
Type	BXT ML4 BD 180
Part No.	920 347
Packing unit	1 pc

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.