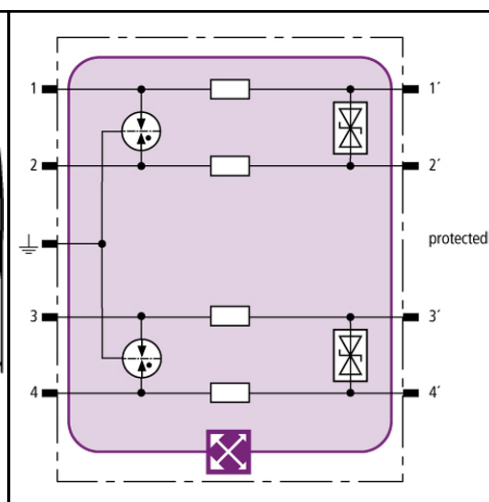


Dimension drawing BXT ML4 BD HF



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****Minimum signal disturbance**

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 in high-frequency bus systems or video transmission systems.

BXT ML4 BD HF 24

SPD class	TYPE I P
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 at 45°C [I _N]	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
C2 Nominal discharge current (8/20 µs) per line [I _N]	10 kA
Voltage protection level line-line for I _{imp} D1 [U _p]	≤ 65 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]	≤ 47 V
Voltage protection level line-PG at 1 kV/µs C3 [U _p]	≤ 550 V
Series impedance per line	1.0 ohm(s)
Cut-off frequency line-line [f _C]	100.0 MHz
Capacitance line-line [C]	≤ 25 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 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 HF 24
Part No.	920 375
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.