INFORMATION TECHNOLOGY SYSTEMS

BLITZDUCTOR® XT LifeCheck® Modules

PLUGGABLE SPDS FOR DIN RAIL MOUNTING

BXT ML2 BD 180

DEHN

DEHN + SÖHNE
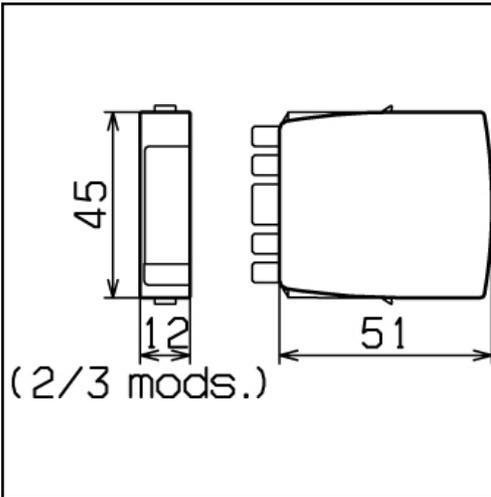
Dimension drawing BXT ML2 BD
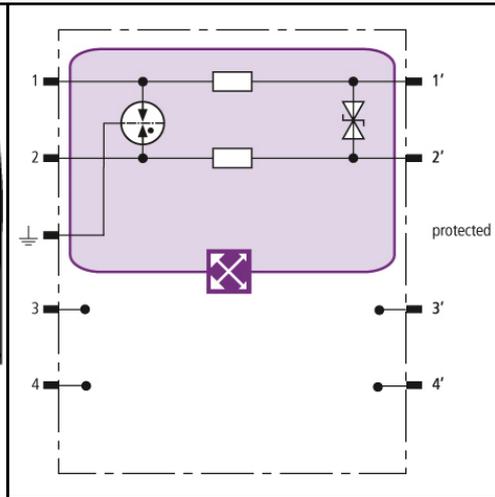
protected

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**

- **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

BXT ML2 BD 180	
SPD class	TYPE 1 P2
SPD monitoring system	LifeCheck
Nominal voltage [U$_N$]	180 V
Max. continuous operating d.c. voltage [U$_C$]	180 V
Max. continuous operating a.c. voltage [U$_C$]	127 V
Nominal current for 45°C [I$_L$]	0.75 A
D1 Total lightning impulse current (10/350 μs) [I$_{imp}$]	5 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$_p$]	≤ 270 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$_p$]	≤ 250 V
Voltage protection level line-PG for 1 kV/μs C3 [U$_p$]	≤ 550 V
Series impedance per line	1.8 ohms
Bandwidth line-line [f$_G$]	25.0 MHz
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 by	base part
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21

Ordering information	
Type	BXT ML2 BD 180
Part No.	**920 247**
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.