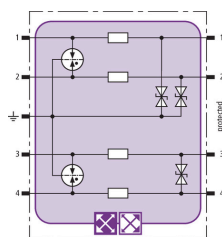


## BXT ML4 BE BD 24 (920 334)

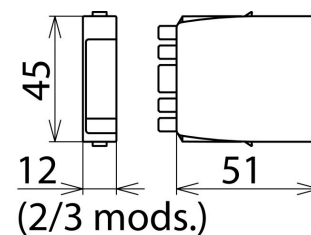
- LifeCheck SPD monitoring
- Optimal protection for two single lines and one pair
- For installation in conformity with the lightning protection concept at the boundaries from  $0_A -2$  and higher



Figure without obligation



Basic circuit diagram BXT ML4 BE BD 24



Dimension drawing BXT ML4 BE BD 24

Space-saving surge arrester module with LifeCheck for protecting two single lines with common reference potential as well as unbalanced interfaces and one pair of unearthed balanced interfaces. LifeCheck detects thermal or electrical overload after which the arrester has to be replaced. The status is indicated contactlessly by DEHNrecord LC / MCM.

Type	BXT ML4 BE BD 24
Part No.	920 334
SPD monitoring system	LifeCheck
SPD class	TYPE 1 Pt
Nominal voltage ( $U_N$ )	24 V
Max. continuous operating voltage (d.c.) ( $U_C$ )	33 V
Max. continuous operating voltage (a.c.) ( $U_C$ )	23.3 V
Nominal current at 45 °C ( $I_N$ )	0.75 A
D1 Total lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	10 kA
D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ )	2.5 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 1-line 2 at $I_{imp}$ D1 ( $U_P$ )	$\leq 102$ V
Voltage protection level line 1,2-PG at $I_{imp}$ D1 ( $U_P$ )	$\leq 66$ V
Voltage protection level line 3-line 4 at $I_{imp}$ D1 ( $U_P$ )	$\leq 52$ V
Voltage protection level line 3,4-PG at $I_{imp}$ D1 ( $U_P$ )	$< 550$ V
Voltage protection level line 1-line 2 at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 90$ V
Voltage protection level line 1,2-PG at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 45$ V
Voltage protection level line 3-line 4 at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 45$ V
Voltage protection level line 3,4-PG at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 550$ V
Series resistance line 1, 2	1.8 ohm(s)
Series resistance line 3,4	1.0 ohm(s)
Cut-off frequency line 1,2 ( $f_C$ )	6.8 MHz
Cut-off frequency line 3,4 ( $f_C$ )	7.8 MHz
Capacitance line 1-line 2 (C)	$\leq 0.5$ pF
Capacitance line 1,2-PG / line 3-line 4 (C)	$\leq 1.0$ nF
Capacitance line 3,4-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 / EN 61643-21
Weight	23 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364152229
PU	1 pc(s)

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.