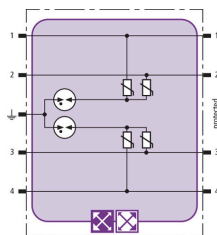


## BXT ML4 MY 250 (920 389)

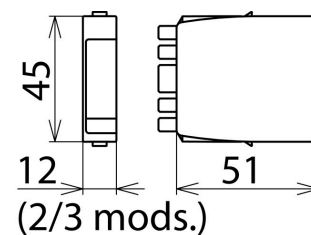
- LifeCheck SPD monitoring function
- Fault-proof Y circuit
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_b -2$  and higher



Figure without obligation



Basic circuit diagram BXT ML4 MY 250



Dimension drawing BXT ML4 MY 250

Space-saving surge arrester module with LifeCheck feature for protecting four lines of stranded signal interfaces. If LifeCheck detects thermal or electrical overload, the arrester has to be replaced. This status is indicated contactlessly by the DEHNrecord LC / SCM / MCM reader.

Type	BXT ML4 MY 250
Part No.	920 389
SPD monitoring system	LifeCheck
SPD class	TYPE 2 P3
Nominal voltage ( $U_N$ )	250 V
Max. continuous operating voltage (d.c.) line-line ( $U_C$ )	620 V
Max. continuous operating voltage (d.c.) line-PG ( $U_C$ )	320 V
Max. continuous operating voltage (a.c.) line-line ( $U_C$ )	500 V
Max. continuous operating voltage (a.c.) line-PG ( $U_C$ )	250 V
Nominal current at 80 °C ( $I_N$ )	3.0 A
Total lightning impulse current (10/350 $\mu$ s)	1.2 kA
Lightning impulse current (10/350 $\mu$ s) per line	0.3 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	10 kA
C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	2.5 kA
Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 1100$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 1200$ V
Cut-off frequency line-line ( $f_c$ )	20.0 MHz
Capacitance line-line (C)	$\leq 300$ pF
Capacitance line-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
SIL classification	up to SIL3 <sup>*)</sup>
Weight	30 g
Customs tariff number	85363010
GTIN	4013364118447
PU	1 Stk

<sup>\*)</sup> For more detailed information, please visit [www.dehn-international.com](http://www.dehn-international.com).

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.