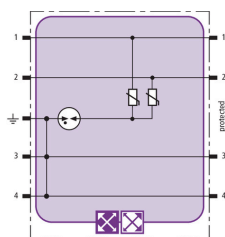


## BXT ML2 MY E 110 (920 288)

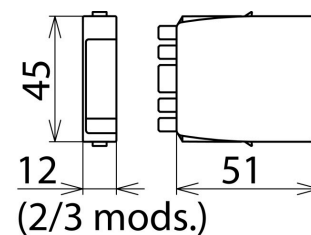
- LifeCheck SPD monitoring
- Fault-proof Y circuit
- For installation in conformity with the lightning protection zone concept at the boundaries from  $O_b - 2$ .



Figure without obligation



Basic circuit diagram BXT ML2 MY E 110



Dimension drawing BXT ML2 MY E 110

Space-saving surge arrester module with LifeCheck feature for protecting two pairs 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 ML2 MY E 110
Part No.	920 288
SPD monitoring system	LifeCheck
SPD class	TYPE 2 P2
Nominal voltage ( $U_n$ )	110 V
Max. continuous operating voltage (d.c.) line-line ( $U_C$ )	170 V
Max. continuous operating voltage (d.c.) line-PG ( $U_C$ )	85 V
Max. continuous operating voltage (a.c.) line-line ( $U_C$ )	120 V
Max. continuous operating voltage (a.c.) line-PG ( $U_C$ )	60 V
Nominal current at 80 °C ( $I_n$ )	3.0 A
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	5 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 ( $U_P$ )	$\leq 300$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_P$ )	$\leq 700$ V
Series resistance per line	0 ohm(s)
Cut-off frequency line-line ( $f_c$ )	4.5 MHz
Cut-off frequency line-line (100 ohms) ( $f_c$ )	2.2 MHz
Capacitance line-line (C)	$\leq 1.5$ nF
Capacitance line-PG (C)	$\leq 25$ 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
Approvals	SIL
SIL classification	up to SIL3 <sup>*)</sup>
Weight	25 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364137363
PU	1 pc(s)

<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.