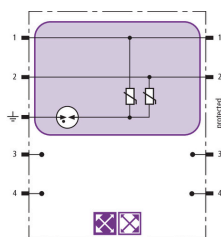


## BXT ML2 MY 250 (920 289)

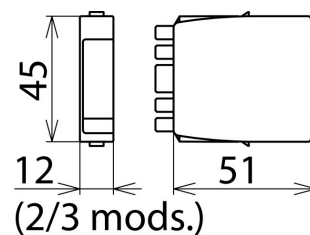
- LifeCheck SPD monitoring
- Fault-proof Y circuit
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_b -2$  and higher



Figure without obligation



Basic circuit diagram BXT ML2 MY 250



Dimension drawing BXT ML2 MY 250

Space-saving surge arrester module with LifeCheck feature for protecting two lines of stranded signal interfaces up to 250 V a.c. 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 250
Part No.	920 289
SPD monitoring system	LifeCheck
SPD class	TYPE 2 <sup>2)</sup>
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)	0.6 kA
Lightning impulse current (10/350 $\mu$ s) per line	0.3 kA
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 ( $U_p$ )	$\leq$ 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
Approvals	SIL
SIL classification	up to SIL3 <sup>*)</sup>
Weight	22 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364135840
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.