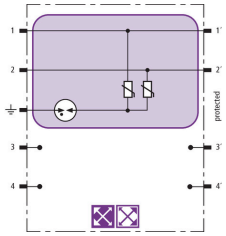
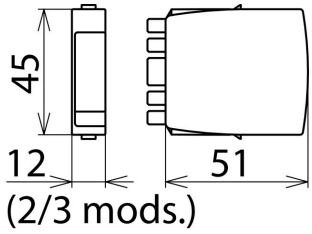
BXT ML2 MY 250 (920 289)

- 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 Part No.	BXT ML2 MY 250 920 289
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_L)	3.0 A
Total lightning impulse current (10/350 µs)	0.6 kA
Lightning impulse current (10/350 µs) per line	0.3 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	5 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	2.5 kA
Voltage protection level line-line at 1 kV/µs C3 (U_P)	≤ 1100 V
Voltage protection level line-PG at 1 kV/µs C3 (U_P)	≤ 1200 V
Cut-off frequency line-line (f_G)	20.0 MHz
Capacitance line-line (C)	≤ 300 pF
Capacitance line-PG (C)	≤ 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 *)
Weight	22 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364135840
PU	1 pc(s)

*)For more detailed information, please visit www.dehn-international.com.