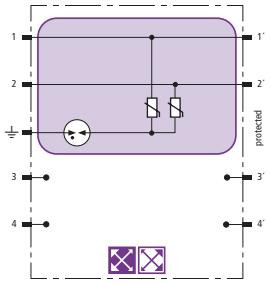
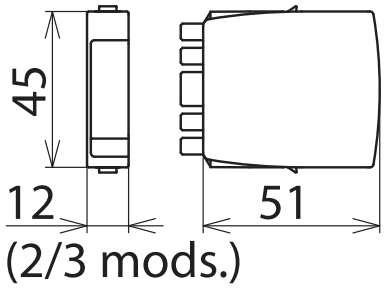
BXT ML2 MY 250 (920 289)

- 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





Basic circuit diagram



Dimension drawing

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**
Technical data	
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 *)

Masterdata	
Net weight	22.2 g/pc(s)
GTIN	4013364135840
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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: Tested • NEW: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

*) For details, see: www.dehn-international.com