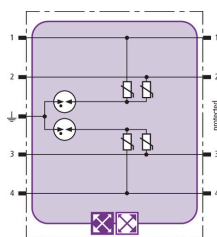


BXT ML4 MY 250 (920 389)

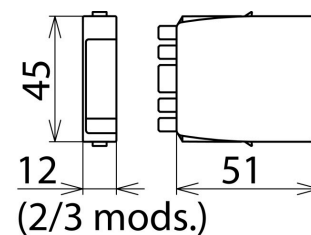
- LifeCheck SPD monitoring function
- Fault-proof Y circuit
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_b -2$ and higher



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 μ s) | 1.2 kA |
| Lightning impulse current (10/350 μ s) per line | 0.3 kA |
| C2 Total nominal discharge current (8/20 μ s) (I_n) | 10 kA |
| C2 Nominal discharge current (8/20 μ s) per line (I_n) | 2.5 kA |
| Voltage protection level line-line at 1 kV/ μ s C3 (U_P) | ≤ 1100 V |
| Voltage protection level line-PG at 1 kV/ μ s C3 (U_P) | ≤ 1200 V |
| Cut-off frequency line-line (f_C) | 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 | 30 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363010 |
| GTIN | 4013364118447 |
| PU | 1 pc(s) |

^{*)} For more detailed information, please visit 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.