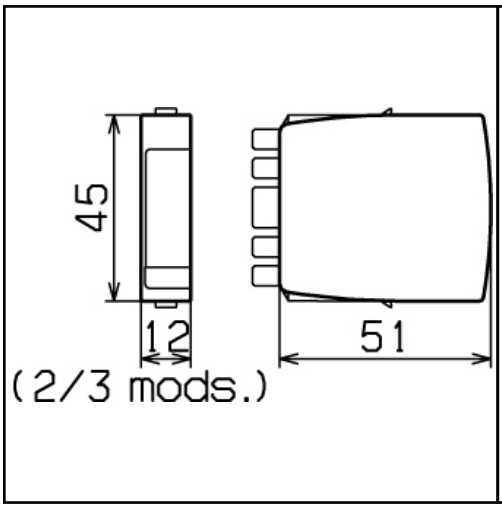
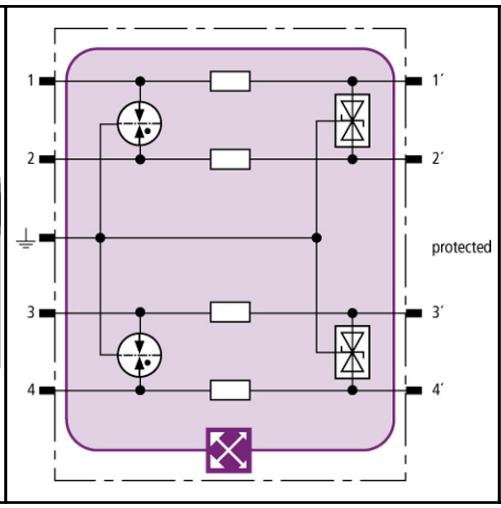
## PLUGGABLE SPDS FOR DIN RAIL MOUNTING

## BXT ML4 BE HF 5




Dimension drawing BXT ML4 BE HF




LifeCheck detects thermal and electrical overloads after which the SPD has to be replaced. Indication is performed by DEHNrecord LC without contacting.

- **LifeCheck SPD control**
- **Optimum protection for 4 single lines**
- **For use according to the lightning protection zones concept at boundaries $0_A$ – 2 and higher**

Space-saving combined lightning current and surge arrester module with LifeCheck for protection of 4 single lines with common reference potential as well as unbalanced high-frequency interfaces.

| | BXT ML4 BE HF 5 |
|---|---|
| **SPD Class** | TYPE 1 P4 |
| **SPD control** | LifeCheck |
| **Nominal voltage [$U_N$]** | 5 V |
| **Max. continuous dc voltage [$U_C$]** | 6.0 V |
| **Max. continuous ac voltage [$U_C$]** | 4.2 V |
| **Nominal current at 45°C [$I_L$]** | 1.0 A |
| **D1 Total lightning impulse current (10/350 µs) [$I_{imp}$]** | 10 kA |
| **D1 Lightning impulse current (10/350 µs) per line [$I_{imp}$]** | 2.5 kA |
| **C2 Total nominal discharge current (8/20 µs) [$I_n$]** | 20 kA |
| **Voltage protection level line-line at $I_{imp}$ D1 [$U_p$]** | ≤ 21 V |
| **Voltage protection level line-PG at $I_{imp}$ D1 [$U_p$]** | ≤ 31 V |
| **Voltage protection level line-line at 1 kV/µs C3 [$U_p$]** | ≤ 11 V |
| **Voltage protection level line-PG at 1 kV/µs C3 [$U_p$]** | ≤ 11 V |
| **Series impedance per line** | 1.0 Ohm |
| **Bandwidth Ad-PG [$f_G$]** | 100.0 MHz |
| **Capacitance line-line [C]** | ≤ 20 pF |
| **Capacitance line-PG [C]** | ≤ 25 pF |
| **Operating temperature range** | -40°C...+80°C |
| **Degree of protection (plugged-in)** | IP 20 |
| **Pluggable into** | base part |
| **Earthing by** | base part |
| **Enclosure material** | polyamide PA 6.6 |
| **Colour** | yellow |
| **Test standards** | IEC 61643-21 |

| **Ordering information** | |
|---|---|
| **Type** | BXT ML4 BE HF 5 |
| **Part No.** | **920 370** |
| **Packing unit** | 1pcs. |

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.

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