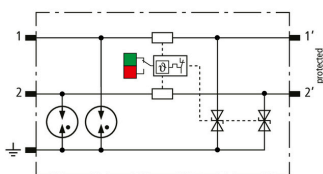


BCO MOD ML2 BE 180 (927 027)

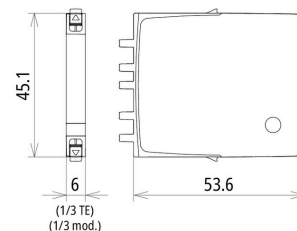
- LifeCheck arrester monitoring and integrated status indication
- Two-pole protection module for optimal protection of two single lines
- For installation in conformity with the lightning protection zone concept at the boundaries from $O_A -2$ and higher



Figure without obligation



Basic circuit diagram BCO MOD ML2 BE 180



Dimension drawing BCO MOD ML2 BE 180

Protection module with a width of 6 mm for BLITZDUCTORconnect combined arrester with status indication for protecting two single lines sharing a common reference potential as well as unbalanced interfaces.

| Type | BCO MOD ML2 BE 180 |
|-----------------------------------------------------------------------------------------------------|------------------------------|
| Part No. | 927 027 |
| SPD class | TYPE II ^{PI} |
| Impulse category | D1, C1, C2, C3, B2 |
| Nominal voltage (U_N) | 180 V |
| Max. continuous operating voltage (d.c.) (U_C) | 180 V |
| Max. continuous operating voltage (a.c.) (U_C) | 127 V |
| Nominal current at 70 °C (I_N) | 0.5 A |
| Nominal current at 40 °C (I_N) | 0.75 A |
| D1 Total lightning impulse current (10/350 μ s) (I_{imp}) | 3 kA |
| D1 Lightning impulse current (10/350 μ s) per line (I_{imp}) | 1.5 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) | 5 kA |
| Voltage protection level line-line for I_n C2 (U_P) | ≤ 630 V |
| Voltage protection level line-PG for I_n C2 (U_P) | ≤ 450 V |
| Voltage protection level line-line for I_n C1 (U_P) | ≤ 630 V |
| Voltage protection level line-PG for I_n C1 (U_P) | ≤ 450 V |
| Voltage protection level line-line at 1 kV/ μ s C3 (U_P) | ≤ 460 V |
| Voltage protection level line-PG at 1 kV/ μ s C3 (U_P) | ≤ 230 V |
| Series resistance per line | 1.8 ohm(s) |
| Cut-off frequency line-line (f_C) | 10 MHz |
| Capacitance line-line (C) | ≤ 250 |
| Capacitance line-PG (C) | ≤ 450 |
| Operating temperature range (T_U) | -40 °C ... +80 °C |
| Operating state / fault indication | green / red |
| Degree of protection (with plugged-in protection module) | IP 20 |
| Plugs into | BCO base part |
| Earthing via | BCO base part |
| Enclosure material | polyamide PA 6.6 |
| Colour | yellow |
| Test standards | IEC 61643-21 / EN 61643-21 |
| Approvals | UL 497B, SIL |
| SIL classification | up to SIL3 ¹⁾ |
| Extended technical data: | ----- |
| - Max. discharge current (8/20 μ s) [1/2 - PG], [1+2 - PG] (I_{max}) | 20 kA |
| - Discharge current (8/20 μ s) [1/2 - PG], [1+2 - PG] | 10 kA (10x) |
| - Voltage protection level line-PG at 1 kV/ μ s C3 after being subjected to I_{max} (U_P) | ≤ 230 V |
| Weight | 14 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363010 |
| GTIN | 4013364468689 |
| PU | 1 pc(s) |

¹⁾ For details, see: 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.