# SLP-150-VB/1

## SPD - for low voltage / SPD type 2 / Combination type

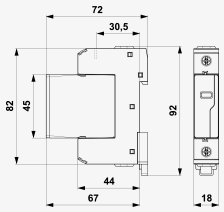
Combined type surge arrester for TN and TT systems or signal lines

pluggable module, visual fault signalling

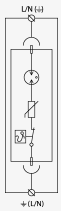
- combined type surge arrester (serial combination varistor+GDT)
- installation to LV installations, especially to sub-distribution boards, suitable also for measuring circuits
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike in areas with higher storm activity or switching overvoltages or as the first stage of for protection for measuring circuits
- zero leakage current



**Product dimensions**




**Basic circuit diagram**



| Parameter name | | Parameter value |
|---|---|---|
| Type of SPD | | T2 |
| Mounting | | DIN rail 35 mm |
| Nominal voltage | $U_n$ | 100, 115, 120, 127 V AC |
| Maximum operating voltage | $U_c$ | 150.00 V AC |
| Maximum operating voltage | $U_c$ | 120.00 V DC |
| Type of network | | TN\|TT |
| Maximum overcurrent protection | | 125 A gL/gG |
| Short-circuit current rating | $I_{SCCR}$ | 50.0 kA |
| Residual current | $I_{PE}$ | 0.002 mA |
| Nominal discharge current (8/20 µs) | $I_n$ | 20.00 kA |
| Maximum discharge current (8/20 µs) | $I_{max}$ | 40.00 kA |
| Voltage protection level | $U_p$ | 1.20 kV |
| Response time | $t_a$ | 100 ns |

| | |
|---|---|
| TOV 5 s L-N | 185 V |
| TOV characteristic (TOV 5 s) | withstand |
| TOV 120 min L-N | 242 V |
| TOV characteristic (120 min) | withstand |
| Cross-section of connected conductors solid (min) | 1.00 $mm^2$ |
| Cross-section of connected conductors solid (max) | 35.00 $mm^2$ |
| Cross-section of connected conductors stranded (min) | 1.00 $mm^2$ |
| Cross-section of connected conductors stranded (max) | 25.00 $mm^2$ |
| Fault indication | red indication field |
| Remote indication | no |
| Degree of protection | IP 20 |
| Range of ambient temperatures (min/max) | -40 / 80 °C |
| Humidity | 5 - 95 % |
| According to standard | EN 61643-11:2012, IEC 61643-11:2011 |
| ETIM Class | EC000941 |
| Plug module | SLP-150-VB/0 |
| Customs tariff number | 85363030 |
| EAN | 8595090570530 |
| Order number | A07053 |