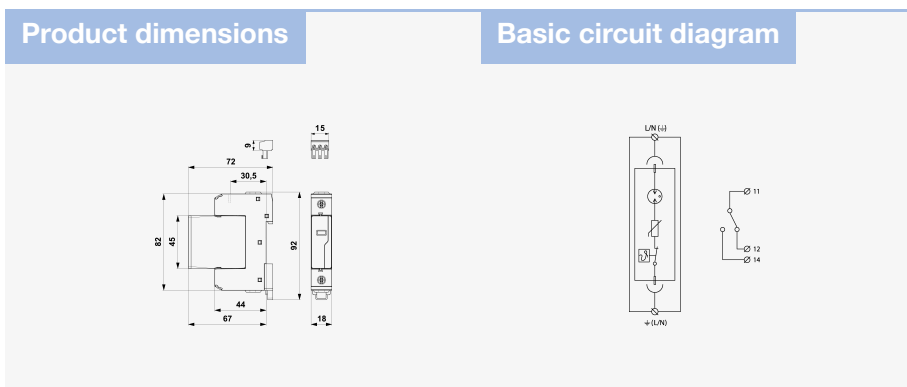
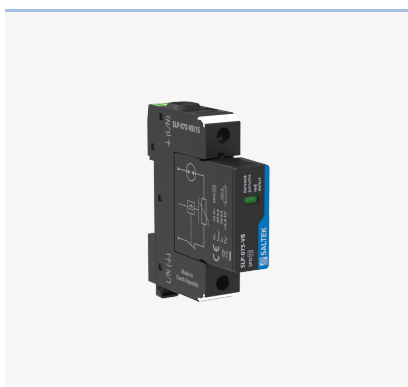


# SLP-075-VB/1S

## 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, remote 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 protection for measuring circuits
- zero leakage current



| Parameter name                           | Parameter value                      |
|--|--------------------------------------|
| Type of SPD                              | <b>T2</b>                            |
| Mounting                                 | <b>DIN rail 35 mm</b>                |
| Nominal voltage                          | <b><math>U_n</math> 48, 60 V AC</b>  |
| Maximum operating voltage                | <b><math>U_c</math> 75.00 V AC</b>   |
| Maximum operating voltage                | <b><math>U_c</math> 60.00 V DC</b>   |
| Type of network                          | <b>TT TN</b>                         |
| Maximum overcurrent protection           | <b>125 A gL/gG</b>                   |
| Short-circuit current rating             | <b><math>I_{SCCR}</math> 50.0 kA</b> |
| Residual current                         | <b><math>I_{PE}</math> 0.002 mA</b>  |
| Nominal discharge current (8/20 $\mu$ s) | <b><math>I_n</math> 20.00 kA</b>     |
| Maximum discharge current (8/20 $\mu$ s) | <b><math>I_{max}</math> 40.00 kA</b> |
| Voltage protection level                 | <b><math>U_p</math> 0.80 kV</b>      |
| Response time                            | <b><math>t_a</math> 100 ns</b>       |

|  |  |
|--|--|
| TOV 5 s L-N  | <b>87 V</b>                                |
| TOV characteristic (TOV 5 s)                                 | <b>withstand</b>                           |
| TOV 120 min L-N  | <b>114 V</b>                               |
| TOV characteristic (120 min)                                 | <b>withstand</b>                           |
| Cross-section of connected conductors solid (min)            | <b>1.00 mm<sup>2</sup></b>                 |
| Cross-section of connected conductors solid (max)            | <b>35.00 mm<sup>2</sup></b>                |
| Cross-section of connected conductors stranded (min)         | <b>1.00 mm<sup>2</sup></b>                 |
| Cross-section of connected conductors stranded (max)         | <b>25.00 mm<sup>2</sup></b>                |
| Cross-section of remote indication conductors solid (max)    | <b>1.5 mm<sup>2</sup></b>                  |
| Cross-section of remote indication conductors stranded (max) | <b>1.5 mm<sup>2</sup></b>                  |
| Fault indication   | <b>red indication field</b>                |
| Remote indication  | <b>potential-free change-over contact</b>  |
| Remote indication contacts                                   | <b>250V/0,5A AC,250V/0,1A DC</b>           |
| Degree of protection   | <b>IP 20</b>                               |
| Range of ambient temperatures (min/max)                      | <b>-40 / 80 °C</b>                         |
| Humidity   | <b>5 - 95 %</b>                            |
| According to standard  | <b>EN 61643-11:2012, IEC 61643-11:2011</b> |
| ETIM Class   | <b>EC000941</b>                            |
| Plug module  | <b>SLP-075-VB/0</b>                        |
| Customs tariff number  | <b>85363030</b>                            |
| EAN  | <b>8595090570523</b>                       |
| Order number   | <b>A07052</b>                              |