

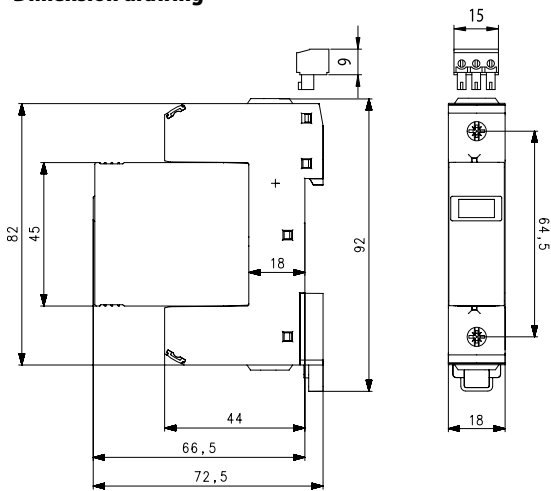
**SLP-075 V(S)**  
**SLP-150 V(S)**  
**SLP-385 V(S)**  
**SLP-440 V(S)**  
**SLP-600 V(S)**

**SPD type 2**  
 versatile single-pole arrester

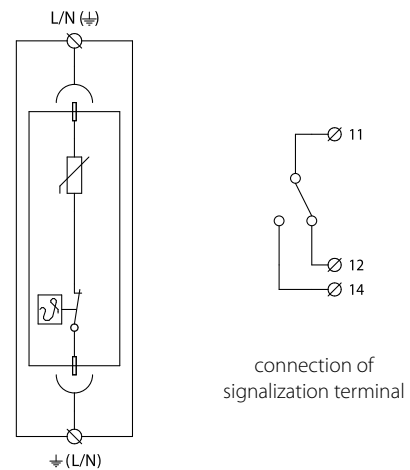
Varistor surge protection to be installed in low-voltage distributions at the boundary of LPZ 1 and LPZ 2 zones to protect the distributions and equipment against overvoltage effects induced during a lightning strike and to prevent switching overvoltage. Remote status signalling (S). Multi-pole versions and other (special) voltages on request.



Dimension drawing



Basic circuit diagram



Technical data

		SLP-075 V	SLP-150 V	SLP-385 V	SLP-440 V	SLP-600 V
Nominal voltage	$U_n$	—	120 V AC	—	400 V AC	—
Maximum operating voltage	$U_c$	75 V AC / 100 V DC	150 V AC / 200 V DC	385 V AC / 500 V DC	440 V AC / 585 V DC	600 V AC
Maximum operating voltage of varistor		—	—	—	—	880 V AC
Nominal discharge current (8/20 $\mu$ s)	$I_n$	15 kA	15 kA	20 kA	20 kA	15 kA
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	40 kA	40 kA	40 kA	40 kA	40 kA
Voltage protection level @ $I = 5$ kA (8/20 $\mu$ s)	$U_p$	0,3 kV	0,45 kV	1,3 kV	1,5 kV	2,7 kV
Voltage protection level	$U_p$	0,4 kV	0,6 kV	1,8 kV	1,9 kV	3,2 kV
Response time	$t_d$	25 ns	25 ns	25 ns	25 ns	25 ns
Short-circuit proof at maximum overcurrent protection		50 kA <sub>rms</sub>	50 kA <sub>rms</sub>	50 kA <sub>rms</sub>	50 kA <sub>rms</sub>	50 kA <sub>rms</sub>
Maximum overcurrent protection		160 A gL/gG	160 A gL/gG	160 A gL/gG	160 A gL/gG	160 A gL/gG
Degree of protection		IP 20				
Range of operating temperatures		-40 °C ... +80 °C				
Mounting on		DIN rail 35 mm				
Cross-section of connected conductors						
Solid min/max		ISO: 1/35 mm <sup>2</sup> ; AWG: 17/2				
Stranded min/max		ISO: 1/25 mm <sup>2</sup> ; AWG: 17/4				
Fault indication		red indication field				
Remote indication – S version		potential-free change-over contact				
Remote indication contacts		250 V / 0,5 A AC, 250 V / 0,1 A DC				
Cross-section of remote indication conductors		max. 1,5 mm <sup>2</sup>				
Meets the requirements of standard		IEC 61643-11 ed. 1.0 [2] EN 6163-11:2012 [2]				
Ordering number	SLP-xxx V	8595090518150	8595090518150	8595090519553	8595090518174	8595090533016
	SLP-xxx VS	8595090518235	8595090518167	8595090527718	8595090518259	8595090533023
Replacement module	SLP-xxx V/0	8595090518112	859509051935	8595090519508	8595090518136	8595090533030