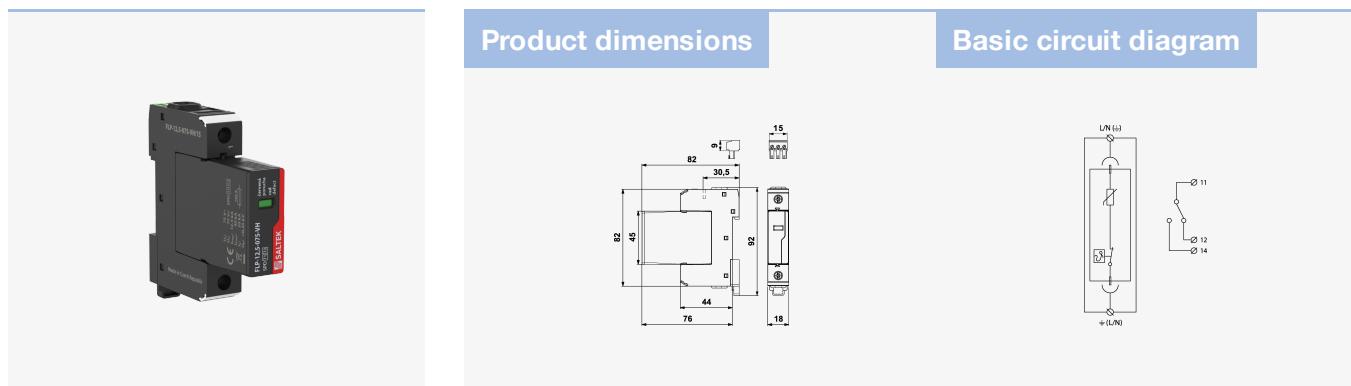


# FLP-12,5-075-VH/1S

## SPD - for low voltage / SPD type 1 / MOV

Single-pole lightning current and surge arrester  
pluggable module, visual fault signalling, remote fault signalling

- varistor lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher
- for protection against impact of partial lightning currents, induced overvoltages during a lightning strike or switching overvoltages



Parameter name	Parameter value	
Type of SPD	T1,T2	
Mounting	DIN rail 35 mm	
Nominal voltage	$U_n$	48÷60 V AC/DC
Maximum operating voltage	$U_c$	75.00 V AC
Maximum operating voltage	$U_c$	75.00 V DC
Type of network	TN	
Maximum overcurrent protection	160 A gL/gG	
Short-circuit current rating	$I_{SCCR}$	25.0 kA
Lightning impulse current (10/350 µs)	$I_{imp}$	12.50 kA
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	$U_p$	0.45 kV
Response time	$t_a$	25 ns
Cross-section of connected conductors solid (min)	1.00 mm <sup>2</sup>	
Cross-section of connected conductors solid (max)	35.00 mm <sup>2</sup>	

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>EC000381</b>
Plug module	<b>FLP-12,5-075-VH/0</b>
Customs tariff number	<b>85363030</b>
EAN	<b>8595090541691</b>
Order number	<b>A04169</b>

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