

Product Specifications

Model		SSP6A-14	SSP6A-26	SSP6A-38	SSP6A-65	SSP6A-130	
Electrical Specifications							
Connection Type		Series	Series	Series	Series	Series	
Number of lines		1 pair	1 pair	1 pair	1 pair	1 pair	
Modes of protection		Transverse and common mode					
Maximum continuous voltage (DC)	U_c	14 V	26 V	38 V	65 V	170 V	
Maximum continuous voltage (AC)	U_c	11 V	20 V	30 V	50 V	130 V	
Maximum discharge current (8/20 μ s)	I_{max}	4.8 kA per line (9.6 kA common mode)					1.8 kA per line (3.6 kA CM)
Maximum discharge current (10/350 μ s)	I_{imp}	-					
Impulse durability		C2 10 x 2.5 kA 8/20 μ s					C2 10 x 1 kA 8/20 μ s
Maximum load current	I_L	6 A					
L-L Voltage protection level @ 1 kV/ μ s	U_p	35 V	55 V	75 V	130 V	450 V	
L-L Voltage protection level @ 3 kA 8/20 μ s	U_p	70 V	95 V	105 V	210 V	-	
L-L Voltage protection level @ 100 V/ s		20 V	35 V	55 V	90 V	220 V	
L-PE Voltage protection level @ 1 kV/ μ s	U_p	35 V	55 V	75 V	130 V	450 V	
L-PE Voltage protection level @ 3 kA 8/20 μ s	U_p	70 V	95 V	105 V	210 V	-	
L-PE Voltage protection level @ 100 V/ s		20 V	35 V	55 V	90 V	220 V	
AC durability		5 x 1 s, 1 Arms	5 x 1 s, 1 Arms	5 x 1 s, 1 Arms	5 x 1 s, 1 Arms	5 x 1 s, 1 Arms	
Overstressed fault mode		Mode 3 (open circuit)					
Response time	t_A	< 5 ns	< 5 ns	< 5 ns	< 5 ns	< 5 ns	
Line resistance		0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω	0.02 Ω	
Line inductance		-	-	-	-	-	
L-L capacitance		48 nF	28 nF	16 nF	4 nF	16 nF	
L-PE capacitance		48 nF	28 nF	16 nF	4 nF	20 nF	
Insertion loss @ 150 Ω		< 0.5 dB (< 20kHz)	< 0.5 dB (< 20kHz)	< 0.5 dB (< 20kHz)	< 0.5 dB (< 20kHz)	< 0.5 dB (< 20kHz)	
3 dB Frequency @ 150 Ω	f_c	80 kHz	80 kHz	80 kHz	80 kHz	80 kHz	
Mechanical Specifications							
Operating temperature		-40 to +70 °C					
Humidity Range		5 to 95% non-condensing					
Connection type / capacity		0.25 – 2.5 mm ² cage clamp					
Terminal screw torque		0.5 Nm					
Environmental		IP20 / indoor					
Dimensional Drawing		A					
Mounting		TS35 DIN rail					
Earthing		- Direct earth connection via DIN rail ans screw terminals with -G base option - 90 V isolation between DIN rail earth and shield with -EC90 base option					
Enclosure / Colour		Polycarbonate UL 94 V-0 / black					
Standards							
IEC 61643-21:2012		SPD connected to telecommunications and signalling networks - Cat C2					
AS/NZS 1768:2007		Signalling/Telecommunications surge protection					
UL 1499 3 rd edition & UL 497B		Protectors for data communications and fire-alarm circuits					
ITU-T K.44: 2012		Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents					
AS/CA S008:2010		Requirements for Customer Cabling Products					
AS/NZS 4117:1999		Surge Protective Devices for Telecommunications Applications					
Shipping							
Weight		35 g	35 g	35 g	35 g	35 g	
Customs Tariff		85363000	85363000	85363000	85363000	85363000	

