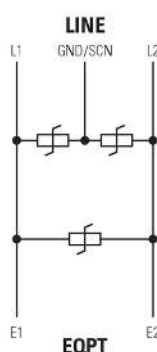
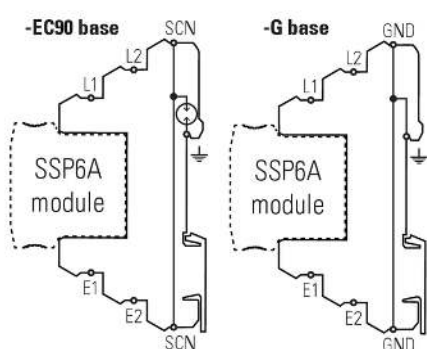


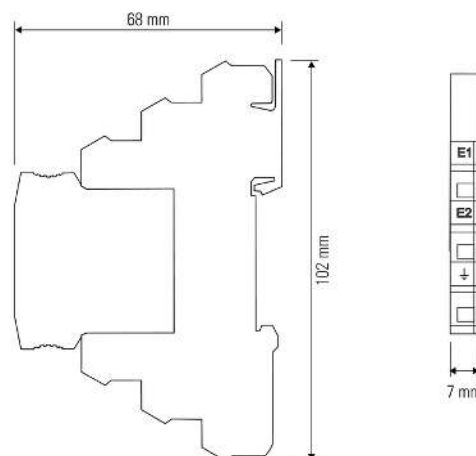
## SSP6A-14-G



## Wiring



## Dimensions



## Standards






IEC 61643-21  
AS/NZS 1768  
UL 1499 & UL 497B  
ITU-T K.44  
AS/CA S008  
AS/NZS 4117

SPD connected to telecommunications and signalling networks - Cat C2  
Signalling/Telecommunications surge protection  
Protectors for data communications and fire-alarm circuits  
Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents  
Requirements for Customer Cabling Products  
Surge Protective Devices for Telecommunications Applications














## Product Datasheet

## Specifications

## Electrical Specifications

Connection type		Series
Number of lines		1 pair
Modes of protection		Transverse and Common
Maximum continuous voltage (DC)	$U_c$	14V
Maximum continuous voltage (AC)	$U_c$	11V
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	4.8kA
Maximum common mode discharge current (8/20 $\mu$ s)		9.6kA
Impulse durability C2 10x8/20 $\mu$ s		2.5kA
Maximum load current	$I_L$	6A
AC durability 5x1s		1A rms
Overstressed fault mode		Mode 3
Response time	$t_A$	<5ns
Line resistance		0.02 $\Omega$
Insertion loss @ 150 $\Omega$		<0.5dB @ <20kHz
3 dB Frequency @ 150 $\Omega$		80kHz

## Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		TS35 DIN Rail
Environmental rating		IP20
Enclosure material		Polycarbonate
Enclosure finish		Black
Terminal type		Cage clamp
Terminal capacity		2.5mm <sup>2</sup>
Terminal screw torque		0.5Nm
Earthing		Direct
Length		102mm
Width		7mm
Height		68mm
Dimensional tolerance		0.5mm

## Electrical (L-L) Specifications

Voltage protection level @ 1 kV/ $\mu$ s	$U_p$	35V
Voltage protection level @ 3 kA 8/20 $\mu$ s	$U_p$	70V
Voltage protection level @ 100 V/ s		20V
Capacitance	$\pm$	48nF


## Other Specifications

Product Code		SSP6A-14-G
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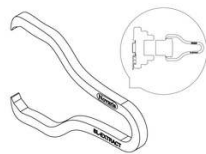
## Electrical (L-PE) Specifications

Voltage protection level @ 1 kV/ $\mu$ s	$U_p$	35V
Voltage protection level @ 3 kA 8/20 $\mu$ s	$U_p$	70V
Voltage protection level @ 100 V/ s		20V
Capacitance	$\pm$	48nF

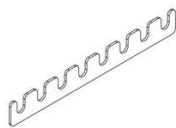
## Shipping Specifications

Weight		35g
Customs tariff		85363000, 85363010

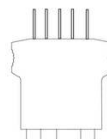
## Accessories



SL-EXTRACT



SL-COMB



SL-TEST



SL-DRIVER

For additional information please refer the SL Accessories Catalogue , No. 0004-D14V1