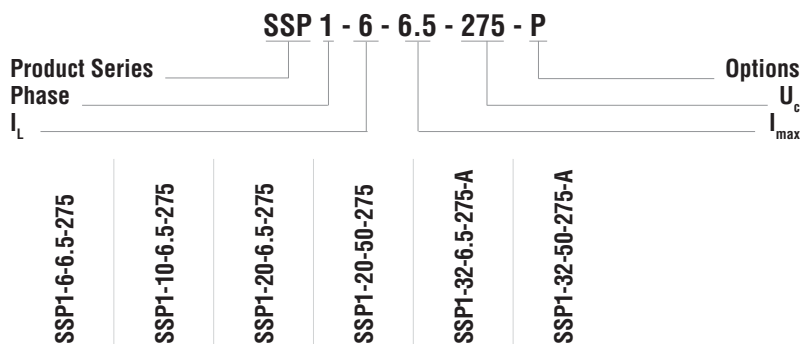




## SSP Surge Protectors 6 - 32A

Novaris SSP protectors are suitable for installation in circuits up to 32A. The SSP range has been engineered to provide excellent performance and economical protection. Their compact design makes them an ideal choice for space restricted applications.



Electrical Specifications		Series					
Connection type		Series					
Modes of protection		All mode (L-N, L-PE, N-PE)					
Phases		1					
Nominal voltage	$U_0$	230V / 50Hz					
Maximum continuous voltage	$U_c$	275V / 50Hz					
Maximum load current	$I_L$	6A	10A	20A	32A		
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	6.5kA		50kA	6.5kA	50kA	
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<800V					
Response time	$t_A$	<5ns					
Earth leakage current		<500 $\mu$ A					
Display		-	LED power and status				
Alarms (optional)		-	Segment / thermal failure, clean SPDT contact				
Alarm isolation to active circuitry		-	4kV				
Backup fuse		32A					

Mechanical Specifications		Series					
Operating temperature / humidity		-40 to +80°C / 0 to 90% non-condensing					
Connection type		Screw terminal					
Terminal capacity - power		2.5mm <sup>2</sup>	16mm <sup>2</sup>				
Terminal capacity - alarm		2.5mm <sup>2</sup>					
Terminal screw torque - power		0.5Nm	1.0Nm				
Terminal screw torque - alarm		0.5Nm					
Environmental		IP 20					
Mounting		TS35 DIN rail					
Enclosure / colour		Metal / Black					
Weight		220g	350g	450g	500g	700g	750g

Dimensions		Series					
Width		18mm	27mm	54mm	90mm		
Height		95mm					
Depth		80mm					

Options		Series					
External alarm contacts		-	A	Standard			
Polycarbonate enclosure		P					
Voltage variation	$U_c$	50V / 130V		130V	50V / 130V	130V	

Standards Compliance
IEC 61643-1 class II, III
AS/NZS 1768 categories A, B, C
IEEE C62.41 categories A, B, C
BS 6651 categories A, B, C
CP 33 categories A, B, C
IEC 1000-4-5
UL1449 third edition