



SSP Surge Protectors - Single Phase

Novaris SSP protectors are suitable for installation in circuits up to 63A. 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.

SSP 1 - 63 - 100 - 275 - [*]

Product Series _____
 Phase _____
 I_L _____
 Options _____
 U_c _____
 I_{max} _____

SSP1-6-6.5-275	SSP1-10-6.5-275	SSP1-20-50-275	SSP1-20-100-275	SSP1-32-50-275	SSP1-32-100-275	SSP1-63-50-275	SSP1-63-100-275
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Electrical Specifications								
Connection type		Series						
Modes of protection		All mode (L-N, L-PE, N-PE)						
Phases		1						
Nominal voltage	U_0	240V / 50Hz						
Maximum continuous voltage	U_c	275V / 50Hz						
Maximum load current	I_L	6A	10A	20A	32A	63A		
Maximum discharge current (8/20 μ s)	I_{max}	6.5kA	50kA	100kA	50kA	100kA	50kA	100kA
Voltage protection level @ 3kA (8/20 μ s)	U_p	<800V						
Response time	t_A	<5ns						
Earth leakage current		<10 μ A						
Display		-	LED status					
Alarms (optional)		-	Segment / thermal failure, clean SPDT contact					
Alarm isolation to active circuitry		-	4kV					
Backup fuse		6A	10A	20A	32A	63A		

Mechanical Specifications									
Operating temperature / humidity		-40 to +70°C / 5 to 95% non-condensing							
Connection type		Screw terminal							
Terminal capacity - power		2.5mm ²	16mm ²						
Terminal capacity - alarm		2.5mm ²							
Terminal screw torque - power		0.5Nm	2.0Nm						
Terminal screw torque - alarm		0.5Nm							
Environmental		IP 20							
Mounting		TS35 DIN rail							
Enclosure / colour		Metal / Black							
Weight		220g	350g	315g	335g	315g	335g	395g	415g

Dimensions								
Width		18mm	27mm	54mm			72mm	
Height		95mm						
Depth		80mm						

Options [*]								
External alarm contacts		-	A					
Polycarbonate enclosure		P						
Voltage variation	U_c	50V / 130V	130V					

* 2A and 6A models in old style extrusion

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