

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 installation independent let-through voltage. Their compact design makes them an ideal choice for space restricted applications.



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



SSP1-6-6.5-275	SSP1-10-6.5-275	SSP1-16-15-275	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	16A	20A	32A	63A		
Maximum discharge current (8/20µs)	I_{max}	6.5kA	15kA	50kA	100kA	50kA	100kA	50kA	100kA
Nominal discharge current (15 x 8/20µs)	I_n	3kA	6kA	20kA	40kA	20kA	40kA	20kA	40kA
Voltage protection level @ 3kA (8/20µs)	U_p	<800V							
Response time	t_A	<5ns							
Earth leakage current		<500µA			<10µA				
Display		-	LED status						
Alarms (optional)		-	Segment / thermal failure, clean SPDT contact						
Alarm isolation to active circuitry		-	4kV						
Backup fuse		6A	10A	16A	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			1.0Nm					
Terminal screw torque - alarm		-			0.5Nm					
Environmental		IP 20								
Mounting		TS35 DIN rail								
Enclosure / colour		Metal / Black								
Weight		220g	350g	200g	315g	335g	315g	335g	395g	415g

Dimensions									
Width		18mm	27mm	18mm	54mm			72mm	
Height		95mm							
Depth		80mm			70mm				

Options [*]									
External alarm contacts		-			A				
Polycarbonate enclosure		P							
Voltage variation	U_c	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

* 2A, 6A and 16A models in old style extrusion