

SSP Surge Protectors - Three 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 3 - 63 - 100 - 275 - [*]



- SSP3-20-50-275-A
- SSP3-20-100-275-A
- SSP3-32-50-275-A
- SSP3-32-100-275-A
- SSP3-63-50-275-A
- SSP3-63-100-275-A

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

Mechanical Specifications							
Operating temperature / humidity		-40 to +70°C / 5 to 95% non-condensing					
Connection type		Screw terminal					
Terminal capacity - power		16mm ²					
Terminal capacity - alarm		2.5mm ²					
Terminal screw torque - power		2.0Nm					
Terminal screw torque - alarm		0.5Nm					
Environmental		IP 20					
Mounting		TS35 DIN rail					
Enclosure / colour		Metal / Black					
Weight		690g	750g	690g	750g	690g	750g

Dimensions		
Width		126mm
Height		95mm
Depth		80mm

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

Options [*]		
External alarm contacts		Standard
Polycarbonate enclosure		P
Voltage variation	U_c	130V