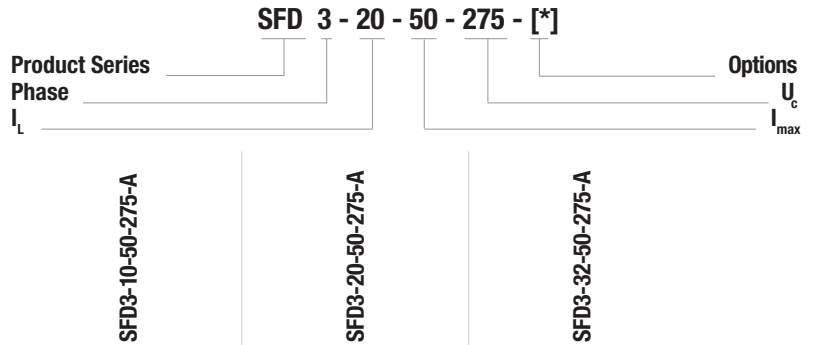


SFD Surge Filters - Three Phase

Novaris SFD surge filters provide the highest level of protection for critical and essential equipment up to 32A per phase. Their compact design makes them an ideal choice for space restricted applications.



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	10A	20A	32A
Maximum discharge current (8/20µs) (L-N)	I_{max}	50kA		
Nominal discharge current (15 x 8/20µs)	I_n	20kA		
Voltage protection level @ 3kA (8/20µs)	U_p	<600V		<650V
Response time	t_A	Instantaneous		
Earth leakage current		<10µA		
Maximum voltage drop (% of U_0)	ΔU	<1%		
Display		LED status		
Alarms (optional)		Segment / thermal failure, clean SPDT contact		
Alarm isolation to active circuit		4kV		

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		1.0Nm		
Terminal screw torque - alarm		0.5Nm		
Environmental		IP 20		
Mounting		TS35 DIN rail		
Enclosure / colour		Metal / Black		
Weight		1.2kg	1.5kg	1.7kg

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

Dimensions	
Width	180mm
Height	95mm
Depth	70mm

Options	
External alarm	Standard
Polycarbonate enclosure	P