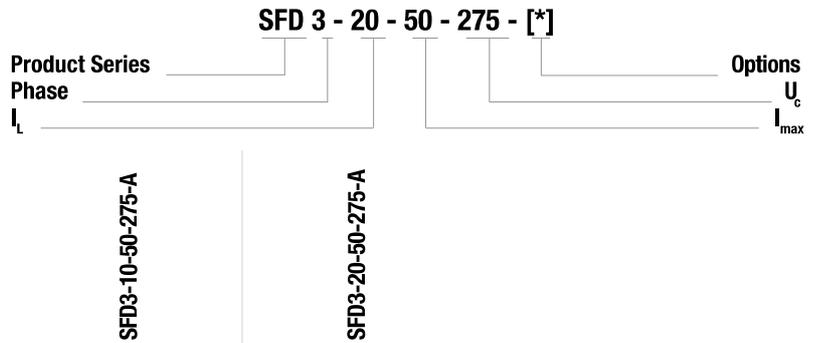


SFD Surge Filters - Three Phase

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
Maximum discharge current (8/20 μ s) (L-N)	I_{max}	50kA
Nominal Discharge Current (8/20 μ s)	I_n	20kA
Voltage protection level @ 3kA (8/20 μ s)	U_p	<600V
Response time	t_A	Instantaneous
Earth leakage current		<10 μ A
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		2.0Nm
Terminal screw torque - alarm		0.5Nm
Environmental		IP 20
Mounting		TS35 DIN rail
Enclosure / colour		Metal / Black
Weight	1.2kg 1.5kg	

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