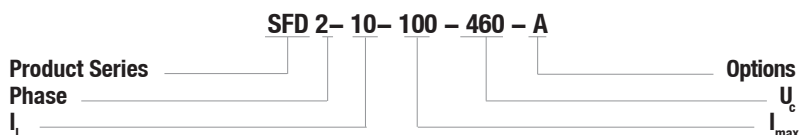




Image for illustrative purposes only.

SFD Surge Filters – Two Phase

Novaris SFD2 surge filters provide the highest level of protection for critical and essential rail equipment. Their compact design makes them an ideal choice for space restricted applications.



SFD2-10-100-460-A

Electrical Specifications		
Connection type		Series
Modes of protection		All mode (L-L, L-PE)
Phases		2
Nominal voltage	U_0	440V / 50Hz
Maximum continuous voltage	U_c	460V / 50Hz
Maximum load current	I_L	10A
Protection stages		MOV _{L-L} HSG _{L-PE} / LC filter / MOV _{L-L}
Maximum discharge current (8/20 μ s) _(L-L)	I_{max}	100kA
Nominal Discharge Current (8/20 μ s) _(L-L)	I_n	40kA
Nominal Discharge Current (8/20 μ s) _(L1+L2-PE)	I_n	40kA
Voltage protection level @ 3kA (8/20 μ s)	U_p	<1100V
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
Alarm isolation to active circuitry		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	0.6Nm
Environmental	IP 20
Mounting	TS35 DIN rail
Enclosure / colour	Metal / Black
Weight	350g

Dimensions	
Width	108mm
Height	116mm
Depth	78mm

Options [*]	
External alarm	NC Voltage Free Contact

IEC 61643-1 class II, III
AS/NZS 1768 categories A, B
IEEE C62.41 categories A, B
BS 6651 categories A, B
CP 33 categories A, B
IEC 1000-4-5
UL1449 third edition

NOTE: Due to the Novaris policy of continuing product development, specifications are subject to change without notice.