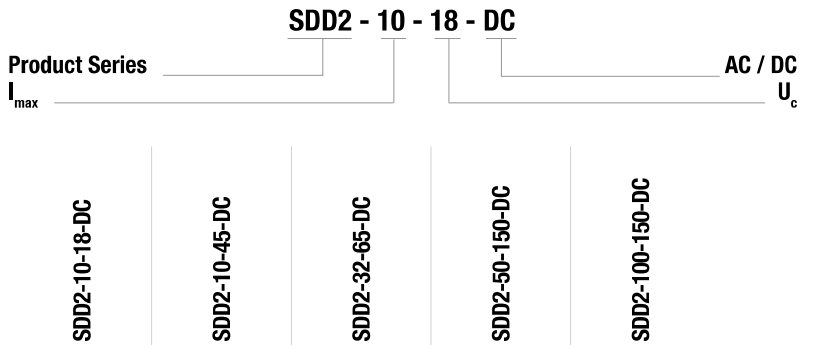




SDD2 DINsafe Surge Diverters

Novaris SDD2 Surge Diverters offer an ideal solution for DC and two phase systems. The SDD2 diverters are housed in a DIN compliant, fail-safe metal enclosure.



Electrical Specifications					
Connection Type		Shunt			
Modes of protection		Common and transverse modes or L1-PE and L2-PE			
Phases / poles		2			
AC / DC		DC			
Nominal voltage	U_n	12V	24V	48V	110V
Maximum continuous voltage	U_c	18V	45V	65V	150V
Maximum discharge current (8/20 μ s)	I_{max}	10kA		32kA	50kA 100kA
Voltage protection level @ 3kA (8/20 μ s)	U_p	<80V	<150V	<190V	<400V
Response time	t_A	<5ns			
Earth leakage current		<10 μ A			
Display		LED status			

Mechanical Specifications	
Operating temperature / humidity	-40°C to +70°C / 5 to 95% non-condensing
Terminal capacity	16mm ²
Terminal screw torque	1.0Nm
Environmental	IP 20
Mounting	TS35 DIN rail
Enclosure / colour	Metal / Black
Weight	500g

Dimensions	
Width	72mm
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