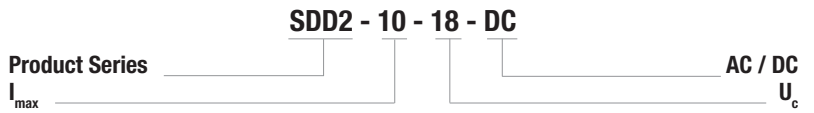




### SDD2 DINsafe Surge Diverters

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.



SDD2-10-18-DC	SDD2-10-45-DC	SDD2-32-65-DC	SDD2-50-150-DC	SDD2-100-150-DC
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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	$U_0$	12V	24V	48V	110V	
Maximum continuous voltage	$U_c$	18V	45V	65V	150V	
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	10kA		32kA	50kA	100kA
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<80V	<150V	<190V	<400V	
Response time	$t_A$	<5ns				
Earth leakage current		<10 $\mu$ A				
Display		LED status				
Maximum backup fuse (gG)		10A	10A	20A	32A	63A

Mechanical Specifications	
Operating temperature / humidity	-40°C to +70°C / 5 to 95% non-condensing
Terminal capacity	16mm <sup>2</sup>
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
IEEE C62.41 categories A, B
IEC 1000-4-5
UL1449 fourth edition