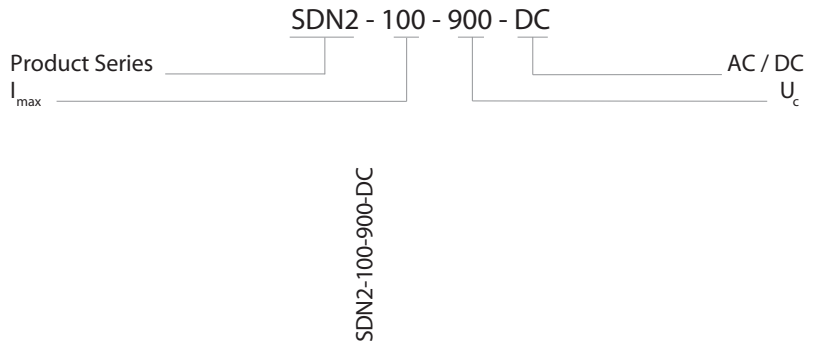




### SDN2 Surge Diverters

Novaris SDN2 Surge Diverters offer an ideal solution for DC and two phase systems. The SDN2 diverters are housed in a fail-safe metal enclosure.



Electrical Specifications		
Connection Type		Shunt
Modes of protection		All mode { (+) - (-), (+) - (PE), (-) - (PE) }
Phases / poles		2
Nominal voltage	$U_N$	450V
Maximum continuous voltage	$U_c$	900V
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	100kA
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<2.5kV
Response time	$t_A$	<5ns
Earth leakage current		<10 $\mu$ A
Display		LED status
Alarms		Segment failure, clean SPDT contact
Alarm isolation		4kV
Backup fuse (HRC)		63A

Mechanical Specifications	
Operating temperature / humidity	-40°C to +85°C / 0 to 90% non-condensing
Terminal capacity	16mm <sup>2</sup>
Terminal screw torque	1.0Nm
Terminal capacity (Alarm)	2.5mm <sup>2</sup>
Terminal screw torque (Alarm)	1.0Nm
Environmental	IP 20
Mounting	Panel mount / TS35 DIN rail
Enclosure / colour	Metal / Blue
Weight	1.2kg

Dimensions	
Width	80mm
Height	200mm
Depth	70mm

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