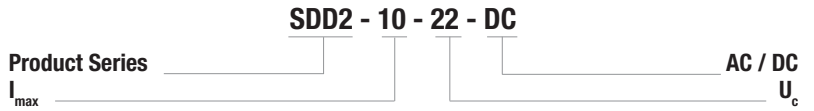


SDD2 DINsafe Surge Diverters

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.



- SDD2-10-22-DC
- SDD2-10-45-DC
- SDD2-10-30-AC
- SDD2-32-60-AC
- SDD2-50-100-DC
- SDD2-50-150-DC
- SDD2-50-180-DC



Electrical Specifications								
Connection Type		Shunt						
Modes of protection		All mode (L1-L2, L1-PE and L2-PE)						
Phases / poles		2						
AC / DC		DC		AC		DC		
Nominal voltage	U_n	12V	24V		48V		72V	96V
Maximum continuous voltage	U_c	22V	45V	30V	60V	100V	150V	180V
Maximum discharge current (8/20µs)	I_{max}	10kA		32kA		50kA		
Voltage protection level @ 3kA (8/20µs)	U_p	<100V	<180V	<150V	<190V	<240V	<400V	<500V
Response time	t_A	<5ns						
Earth leakage current		<10µA						
Display		LED status						

Mechanical Specifications	
Operating temperature / humidity	-40°C to +80°C / 0 to 90% 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

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 - 50 - 130 - AC

Product Series

AC / DC

I_{max}

U_c

SDD2-50-225-DC	SDD2-50-130-AC	SDD2-100-130-AC	SDD2-50-350-DC	SDD2-100-350-DC	SDD2-50-275-AC	SDD2-100-275-AC
----------------	----------------	-----------------	----------------	-----------------	----------------	-----------------



Electrical Specifications

Connection Type		Shunt					
Modes of protection		All Mode (L1-L2, L1-PE and L2-PE)					
Phases / poles		2					
AC / DC		DC	AC	DC	AC		
Nominal voltage	U_N	120V	110V	240V	230V		
Maximum continuous voltage	U_c	225V	130V	350V	275V		
Discharge current 8/20 μ s	I_{MAX}	50kA	100kA	50kA	100kA	50kA	100kA
Voltage protection @ 3kA (8/20 μ s)	U_p	<550V	<500V	<800V			
Response time	t_A	<5ns					
Earth leakage current		<10 μ A					
Display		LED status					

Mechanical Specifications

Operating temperature / humidity		-40°C to +80°C / 0 to 90% 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