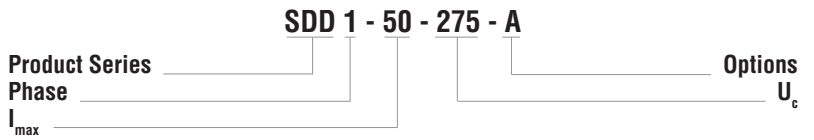


### SDD1 DINsafe Surge Diverters

Novaris SDD DINsafe Surge Diverters offer powerful performance at domestic MSB and industrial DBs. The SDD diverters are housed in a DIN compliant, fail-safe metal enclosure.



SDD1-25-275

SDD1-50-275

SDD1-100-275

SDD1-100-275-A

SDD3-25-275

SDD3-50-275

SDD3-100-275

SDD3-150-275



Electrical Specifications									
Connection type		Shunt							
Modes of protection		All mode (L-N, L-PE, N-PE)							
Phases		1				3			
Nominal voltage	$U_0$	230V / 50Hz							
Maximum continuous voltage	$U_c$	275V / 50Hz							
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	25kA	50kA	100kA	25kA	50kA	100kA	150kA	
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<800V							
Response time	$t_A$	<5ns							
Earth leakage current		<10 $\mu$ A							
Display		LED status							
Alarms (optional)		Segment / thermal failure, clean SPDT contact							
Alarm isolation		4kV							
Backup fuse (HRC)		32A							

Mechanical Specifications									
Operating temperature / humidity		-40 to +40°C / 0 to 90% non-condensing							
Terminal capacity - power		16mm <sup>2</sup>							
Terminal capacity - alarms		2.5mm <sup>2</sup>							
Terminal screw torque - power		1.0Nm							
Terminal screw torque - alarm		0.5Nm							
Environmental		IP 20							
Mounting		TS35 DIN rail							
Enclosure / Colour		Metal / black							
Weight		270g	300g	440g					

Dimensions									
Width		36mm				72mm			
Height		95mm							
Depth		80mm							

Options									
External alarm		A	Standard					A	
Polycarbonate enclosure		P							
Voltage variations	$U_c$	50V / 130V					130V		

Standards Compliance
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 1000-4-5-1995
UL1449 third edition