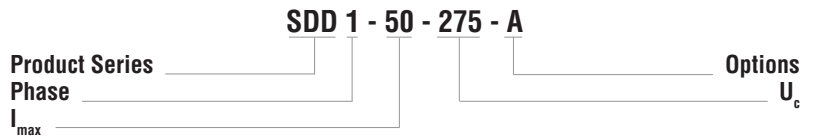


## SDD1 DINsafe Surge Diverters

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