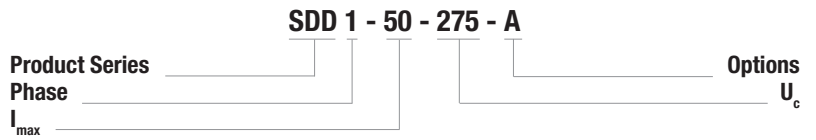


## SDD1 DINsafe Surge Diverters

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 +80°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