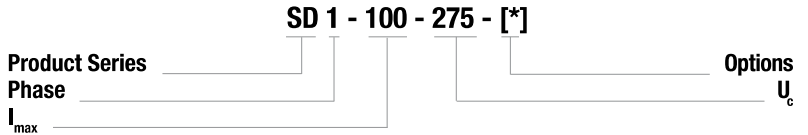




**SD Surge Diverters**

Novaris MULTIMOV MSB surge diverters offer unsurpassed safety, quality and reliability in protection for your electrical system. MULTIMOV surge diverters are an ideal point-of-entry protector for all industrial, commercial and communications applications.



- SD1-100-275
- SD1-150-275
- SD1-200-275
- SD1-250-275
- SD3-100-275
- SD3-150-275
- SD3-200-275
- SD3-250-275

Electrical Specifications									
Connection Type		Shunt							
Modes of protection		L-N							
Phases		1				3			
Nominal voltage	$U_0$	230V / 50Hz (110V / 60Hz by request only)							
Maximum continuous voltage	$U_c$	275V / 50Hz (130V / 60Hz by request only)							
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	100kA	150kA	200kA	250kA	100kA	150kA	200kA	250kA
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<800V							
Response time	$t_A$	<5ns							
Earth leakage current		<5 $\mu$ A							
Display		7-segment LED, percentage active							
Alarms		Segment / thermal failure, clean SPDT contact							
Alarm isolation to active circuitry		4kV							
Recommended backup fuse (HRC) / circuit breaker		63A	80A	100A	125A	63A	80A	100A	125A

Mechanical Specifications		
Operating temperature / humidity	-40 to +70°C / 5 to 95% non-condensing	
Terminal capacity - power	16mm <sup>2</sup>	
Terminal capacity - alarm	2.5mm <sup>2</sup>	
Terminal screw torque - power	1.0Nm	
Terminal screw torque - alarm	0.5Nm	
Environmental	IP 20	
Mounting	Panel mount / TS35 DIN	Panel mount
Enclosure / Colour	Metal / Black	
Weight	1.2kg	5.0kg

Dimensions		
Width	60mm	260mm
Height	200mm	310mm
Depth	70mm	78mm

Options [*]		
Neutral-earth protection		N
Metal enclosure		M
Polycarbonate enclosure		P
Extended operating voltage (95-415V / 50Hz)		X
Over / under voltage relay		O
Non-MEN version (L-PE)		U

Standards Compliance
IEC 61643-1 class I
AS/NZS 1768 category C
IEEE C62.41 category C
BS 6651 category C
CP 33 category C
IEC 1000-4-5
UL1449 third edition
A-tick