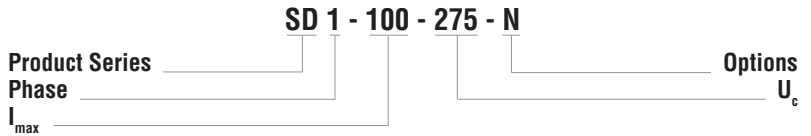




SD Surge Diverters

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 (8/20µs)	I_{max}	100kA	150kA	200kA	250kA	100kA	150kA	200kA	250kA
Voltage protection level @ 3kA (8/20µs)	U_p	<800V							
Response time	t_A	<5ns							
Earth leakage current		<5µA							
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 (not supplied)							

Mechanical Specifications									
Operating temperature / humidity		-40 to +40°C / 0 to 90% non-condensing							
Terminal capacity - power		16mm ²							
Terminal capacity - alarm		2.5mm ²							
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 / Blue							
Weight		1.2kg				5.0kg			

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

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

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