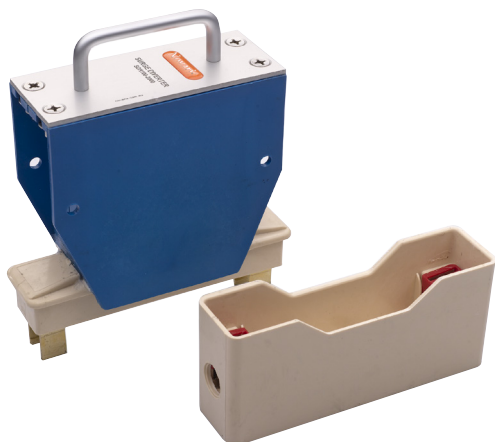


SDH High Voltage Surge Diverters

Novaris SDH High Voltage Surge Diverters have been engineered for system voltages above 600VRMS. Typical applications include aviation runway lighting, mining and railway industries.



SDH - 100 - 2000 - [*]

Product Series

I_{max}

Options

U_c

SDH-100-550

SDH-200-1000

SDH-100-1500

SDH-100-2000

Electrical Specifications

Connection type		Shunt			
Modes of protection		L-PE			
Phases		1			
Maximum continuous voltage	U_c	550V	1000V	1500V	2000V
Maximum discharge current (8/20 μ s)	I_{max}	100kA	200kA	100kA	
Voltage protection level @ 3kA (8/20 μ s)	U_p	1.6kV	2.6kV	3.8kV	4.8kV
Response time	t_A	<5ns			

Mechanical Specifications

Operating temperature / humidity	-40 to +70°C / 5 to 95% non-condensing				
Terminal capacity	25mm ²				
Terminal screw torque	2.5Nm				
Environmental	IP 20				
Mounting	See mounting options below				
Enclosure / colour	ABS, ceramic / Blue				
Weight	2.0kg				

Dimensions

Width	57mm
Height	214mm
Depth	162mm

Options [*]

GEC RSL63H mounting	H
GEC RSL63P mounting	P
GEC RSL63PH mounting	PH
External alarm	A
External alarm / Thermal disconnect	T

Standards Compliance

IEC 61643-11 class I
AS/NZS 1768 category C
IEEE C62.41 category C