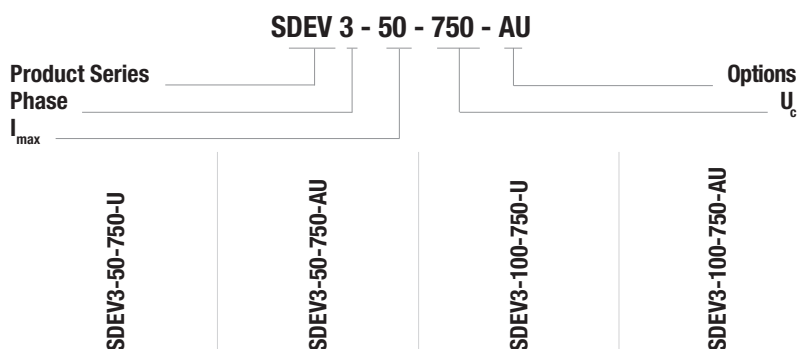




SDEV Extended Voltage Surge Diverters

Novaris SDEV Extended Voltage Surge Diverters are housed in DIN compliant, fail-safe metal enclosures and are fully compliant to IEC61643, AS/NZS1768-2007 and to AS/NZS3000 wiring rules.



Electrical Specifications			
Connection type			Shunt
Modes of protection			L-E
Phases			3
Nominal voltage	U ₀		690V / 50Hz
Maximum continuous voltage	U _c		750V / 50Hz
Maximum discharge current (8/20µs)	I _{max}	50kA	100kA
Nominal Discharge Current (8/20µs)	I _n	20kA	40kA
Maximum switchboard fault rating	I _{SCCR}	25kA	50kA
Voltage protection level @ 3kA (8/20µs)	U _p		<1400V
Response time	t _A		<5ns
Earth leakage current			<10mA
Display			N/A
Alarms (optional)			Thermal NC contacts
Alarm isolation			4kV
Maximum backup fuse (HRC)		32A	63A

Mechanical Specifications	
Operating temperature / humidity	-40 to +80°C / 0 to 90% non-condensing
Terminal capacity - power	16mm ²
Terminal capacity - alarms	2.5mm ²
Terminal screw torque - power	2.0Nm
Terminal screw torque - alarm	0.5Nm
Environmental	IP 20
Mounting	TS35 DIN rail
Enclosure / Colour	Metal / black
Weight	490g 550g

Standards Compliance
IEC 61643-1 class II
AS/NZS 1768 categories B, C
IEEE C62.41 categories B, C
UL1449 third edition

Dimensions	
Width	90mm
Height	95mm
Depth	70mm