



ECD Earth Clamp 100 - 150kA

Novaris ECD surge protectors provides a means to electrically clamp different earthing systems together during transient disturbances, thereby limiting the damaging potential differences normally seen during a surge.

Once the disturbance has passed the earth clamp will automatically reset and electronic systems can return to normal operation, thereby minimising costly downtime.

ECD2-100-350-RPU



Electrical Specifications		
Connection Type		Shunt
Number of Lines		2
Active element		Gas Discharge Tube (GDT)
DC spark over voltage	U_c	350V
Voltage tolerance		$\pm 20\%$
Voltage Protection @ 3kA (8/20 μ s)	U_p	<1.5kV
Discharge current 8/20 μ s	I_{max}	100kA
Isolation resistance		>10 Ω
Capacitance		<10pF

Mechanical Specifications	
Operating temperature / humidity	-40 to +65°C / 0 to 90% non-condensing
Terminal Capacity	16mm ²
Environmental	IP 20
Weight	300g

Dimensions	
Width	54mm
Height	95mm
Depth	70mm

Standards Compliance

- AS/NZS 1768
- IEEE C62.41
- BS 6651
- CP 33
- IEC 61643

**Due to continued product development Novaris reserves the right to change these specifications without prior notice
 **Novaris ECD series are also produced as part of the SG series, with catalogue numbers starting 'SGN-'*