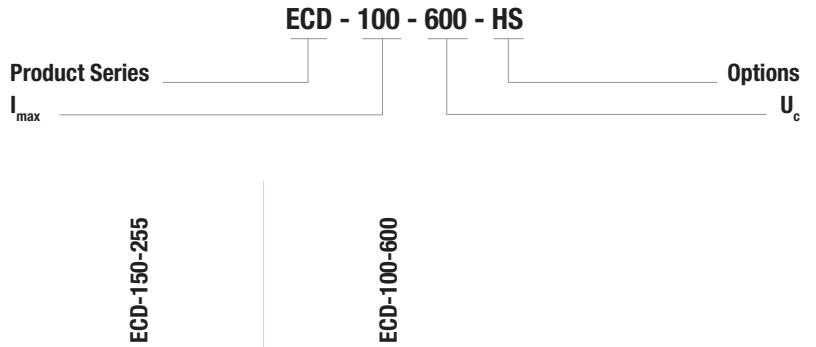




### ECD Earth Clamp 100 - 150kA

Novaris ECD provides a means to electrically clamp the Neutral and Earth together during transient disturbances, thereby limiting the damaging potential differences normally seen during a surge.



Electrical Specifications			
Connection Type		Shunt (Neutral to Earth)	
Active element		Gas Discharge Tube (GDT)	
DC spark over voltage	$U_c$	255V	600V
Voltage tolerance		± 20%	
Voltage Protection @ 3kA (8/20µs)	$U_p$	<1.2kV	<1.5kV
Discharge current 8/20µs	$I_{max}$	150kA	100kA
Isolation resistance		>10 <sup>9</sup> Ω	
Capacitance		<10pF	

Mechanical Specifications			
Operating temperature / humidity		-40 to +65°C / 0 to 90% non-condensing	
Terminal Capacity		35mm <sup>2</sup>	16mm <sup>2</sup>
Environmental		IP 55	
Weight		220g	

Dimensions			
Width		36mm	
Height		95mm	
Depth		67mm	80mm

**Standards Compliance**

- AS/NZS 1768
- IEEE C62.41
- BS 6651
- CP 33
- IEC61643

*\*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 cat numbers starting 'SGN-'*