

EC Earth Clamp 20kA

Novaris EC provides a means to electrically clamp different earthing systems during transient disturbances. Applications include computer rooms and in the bonding of cable sheaths to ground where direct bonding would introduce interference and “earth loops”.



EC 20 - 90

Product Series

I_{max}

U_c

		EC20-90	EC20-230	EC20-350	EC20-600
Electrical Specifications					
Active element		Gas Discharge Tube (GDT)			
DC spark over voltage	U_c	90V	230V	350V	600V
Voltage tolerance		± 20%			
Discharge current 8/20µs	I_{max}	20kA			
Voltage protection level @ 5kV (10/700µs)	U_p	<640V	<700V	<850V	<1200V
Isolation resistance		>10 ¹⁰ Ω			
Capacitance		<0.8pF			
Mechanical Specifications					
Operating temperature / humidity		-40 to +70°C / 5 to 95% non-condensing			
Connection type		6mm ² flying leads			
Environmental		IP 65			
Weight		160g			
Dimensions					
Body diameter		20mm			
Body length		60mm			
Lead length		500mm each (Customizable on request)			

Standards Compliance

AS/NZS 1768

IEEE C62.41

IEC 61643-11

IEC 62561-3