

## EC100-500

## EC Earth Clamp

Novaris EC provides a means to electrically clamp different earthing systems during transient disturbances. Applications include computer rooms, defense installations and gas pipeline insulated joints.



Image for illustrative purposes only

## Specifications

## Electrical Specifications

Connection type		Series
Maximum continuous voltage (DC)	$U_c$	500V
Maximum continuous voltage (AC)	$U_c$	350V
Voltage tolerance		±20%
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	100kA
Maximum discharge current (10/350 $\mu$ s)	$I_{imp}$	20kA
Impulse sparkover voltage		<1200V
Isolation resistance		10G $\Omega$
Capacitance		4pF
Response time	$t_A$	<25ns

## Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Flying lead
Environmental rating		IP65
Enclosure material		PVC
Enclosure finish		Grey pvc
Length		100mm
Lead length		1000mm
Width/Diameter		30mm

## Standard Specifications

IEC 61643-11	SPD connected to low-voltage power systems - Type 2, 3
AS 1768	AC power system SPD - Cat B, A
IEEE 62.41.2	Low voltage SPD - Cat B

## Shipping Specifications

Weight		247g
--------	--	------

## Other Specifications

Product Code		EC100-500
--------------	--	-----------