

Product Datasheet

EC20-230

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	230V
Maximum continuous voltage (AC)	U_c	160V
Voltage tolerance		$\pm 20\%$
Maximum discharge current (8/20 μ s)	I_{max}	20kA
Maximum discharge current (10/350 μ s)	I_{imp}	2.5kA
Impulse durability C2 10x8/20 μ s		10kA
Impulse durability D1 2x10/350 μ s		2.5kA
Impulse sparkover voltage		<700V
Isolation resistance		10G Ω
Capacitance		1pF
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		60mm
Lead length		1000mm
Width/Diameter		20mm

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		120g
Customs tariff		85363000, 85363010

Other Specifications

Product Code		EC20-230
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