

EC20-90

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 | 90V |
| Maximum continuous voltage (AC) | U_c | 60V |
| Voltage tolerance | | ±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 | | <640V |
| Isolation resistance | | 100G 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 | | EC20-90 |
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