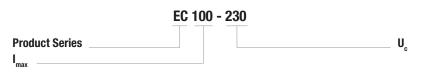
## Novaris SPECIAL PRODUCTS



## **EC Earth Clamp 100kA**

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



| EC100-230 | EC100-350 | EC100-500 | EC100-800 |
|-----------|-----------|-----------|-----------|

| Electrical Specifications                 |                  |                          |        |        |        |  |
|---|------------------|--------------------------|--------|--------|--------|--|
| Active element                            |                  | Gas Discharge Tube (GDT) |        |        |        |  |
| DC spark over voltage                     | U <sub>c</sub>   | 230V                     | 350V   | 500V   | 800V   |  |
| Voltage tolerance                         |                  | ± 20%                    |        |        |        |  |
| Discharge current 8/20µs                  | I <sub>max</sub> | 100kA                    |        |        |        |  |
| Voltage protection level @ 5kV (10/700µs) | U <sub>p</sub>   | <900V                    | <1000V | <1200V | <1500V |  |
| Isolation resistance                      |                  | >1010Ω                   |        |        |        |  |
| Capacitance                               |                  | <4pF                     |        |        |        |  |

| Mechanical Specifications        |                                       |  |  |  |
|----------------------------------|---------------------------------------|--|--|--|
| Operating temperature / humidity | -40 to +70°C /5 to 95% non-condensing |  |  |  |
| Connection type                  | 10mm <sup>2</sup> flying leads        |  |  |  |
| Environmental                    | IP 65                                 |  |  |  |
| Weight                           | 200g                                  |  |  |  |

| Standards Compliance |  |  |
|----------------------|--|--|
| AS/NZS 1768          |  |  |
| IEEE C62.41          |  |  |
| IEC 61643-11         |  |  |
| IEC 62561-3          |  |  |

| Difficultions        |                                      |  |  |  |
|----------------------|--------------------------------------|--|--|--|
| Body diameter        | 30mm                                 |  |  |  |
| Body length          | 100mm                                |  |  |  |
| Lead length          | 500mm each (Customizable on request) |  |  |  |
| Options [*]          |                                      |  |  |  |
| Heatshrink Enclosure | HS                                   |  |  |  |