

SOLID STATE DECOUPLER CELL

PCR

“Solid State Polarization Cell Replacement”

Model: EPT/SSD-ATEX-50
Model EPT/SSD-ATEX-100



This PCR Solid State Device “SSD” can decouple DC Cathodic Protection Potential from AC interference and AC continuing / Grounding while CP requirement will be less.

Typical Applications:

- Automatically protect Flange Joint insulation
- AC voltage Mitigation, Very low impedance to AC current,
- Block the DC to flow up to an assigned threshold voltage
- Decoupling Electric equipment grounding system
- Less in Cathodic Protection requirement for the pipeline or structure

FEATURES:

- Long term steady current (AC/DC) 50A and 100A models
- AC Fault Current rating for model “EPT/SSD-50 ATEX” 30 cycle 3.7KA at 60 HZ and 50 HZ
- AC Fault Current rating for model “EPT/SSD-50ATEX” 30 cycle 5.0KA at 60 HZ and 50 HZ
- AC Fault Current rating for model “EPT/SSD-100 ATEX” 30 cycle 10.0KA at 50 HZ and 60 HZ
- AC Fault Current rating for model “EPT/SSD-100 ATEX” 30 cycle 15.0KA at 60 HZ and 50 HZ
- AC Fault Current rating for model “EPT/SSD-100 ATEX” 30 cycle 20.0KA at 60 HZ and 50 HZ
- AC Fault Current rating for model “EPT/SSD-100 ATEX” 30 cycle 30.0KA at 60 HZ and 50 HZ
- Lightning Impulse Surge Current 100KA (8x20 and (10/350) us “Micros seconds”
- Voltage Blocking threshold (DC) -3/+1 V and -2/+2 or customer requests
- Temperature -45C to 65C
- Temp Code T6 (suitable for all other T code)
- Standard Environment Packing NEMA type 1, 2, 3, 4, 4X, 12 and 13
- Third Party Inspection Certificate
- Complies with UL, CSA, ANSI and ISA standards
- Certificate ATEX Directive and IECEx for EN/IEC Standard
- ATX/ UL listed (Type 6P) and rated at IP67 PER IEC 60529

“Designed for the field, not the lab”
Simple, Accurate & Professional

EP-TECH



Corrosion Control Equipment

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