BASENNOVA

PRODUCT DATA SHEET

Solid State Decoupler(Aluminum Casting Box)

The Solid-State Decoupler (SSD) is a cutting-edge device designed to provide reliable electrical isolation and over-voltage protection. Its solid-state design, coupled with its ability to handle high fault currents and provide effective AC grounding, makes it an advanced solution for a wide range of applications. The SSD is particularly valuable in environments requiring robust protection and isolation, such as in hazardous locations or for cathodically protected equipment.



KEY FEATURES

1.High Ratings and Performance
2.Solid-State Construction (tough and stable)
3.Sensitive Reaction on Grounding and Insolation
4.Various Installation Ways Available
5.Cost-Effective Protection

SPECIFICATIONS

Threshold: -3V/+1V or +2/-2V
AC Fault Current: 3.5KA @30Cycles
Lightening Protection: 100KA, 8/20μs
Nominal Current Discharge: 45A
Fail Safe Mode: Shortage after fail
Insulation Resistance: ≥10MΩ
Enclosure: Casting Aluminum
Supporting: Back Galvanized Steel Bracket
IP Grade: IP65
Explosion Proof: Exd IIB T4
Temperature: -25°C to +65°C



APPLICATIONS

1.AC Voltage Mitigation
2.Decoupling Cathodically Protected Structures
3.Decoupling Gradient Control Mats
4.Insulating Flange Lightening Protection
5.Used with Zinc or Copper Grounding Wire

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