

POWER SURGE

15kA MEDIUM ENERGY METAL OXIDE VARISTOR

Applications

- Overvoltage transient suppression
- Low-power distribution panels
- Lightning surge protection
- Power electronics
- Inductive load switching

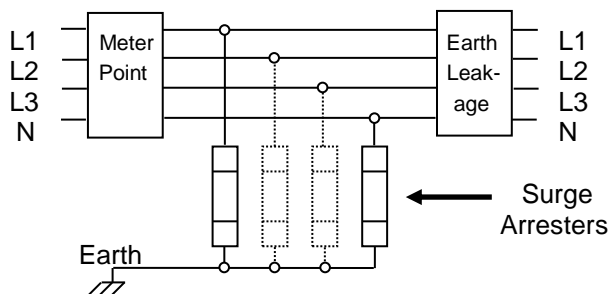
Specifications

- Conforms to IEC61643-1:2005
- Operating voltage 275 VRMS (350 VDC)
- High energy capability 215 J (2 mSec)
- Maximum surge current 15 kA (8/20)
- Maximum clamp voltage 710 V (130 A)
- Typical capacitance 930 pF (1 kHz)
- Response time < 25 nSec
- Operating temperature -40°C to +85 °C
- DIN rail mount, bus bar entry
- Functional / defective indication (optional)
- Flame resistant, self extinguishing housing – VRO
- Thermal disconnect
- Annunciator output (optional)

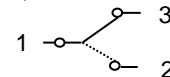


Functional Defective Indication (Optional)

The visual indication window changes colour upon thermal disconnection.



Annunciator (Optional)



Functional

Dry closed contact between 1 & 3
Open 1 & 2

Defective

Dry closed contact between 1 & 2
Open 1 & 3

Single Phase:

Use 2 units for L1 & N,
connected to earth

Three Phase:

Use 4 units for L1,L2,L3,N
connected to earth

The internal Metal Oxide Varistor have received the following certifications:

Underwriters Laboratories	UL
Canadian Laboratories Inc.	CSA
Swiss Electrotechnical Association	SEV
Verband Der Elektrotechnik	VDE

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