

POWER SURGE

15kA MEDIUM ENERGY METAL OXIDE VARISTOR

Applications

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

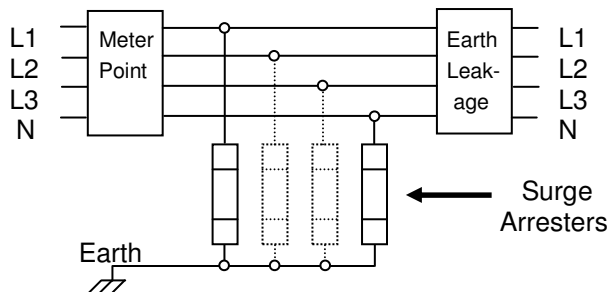
Specifications

- 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)

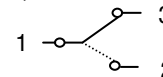


Functional Defective Indication (Optional)

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

Telbit

29 Galaxy ave. Linbro Business Park
P.O. Box 774, Wendywood, 2144
Sandton, South Africa
Tel: +27 11 608-1121
Fax: +27 11 608-1127
e-mail: sam@telbit.co.za