

POWER SURGE

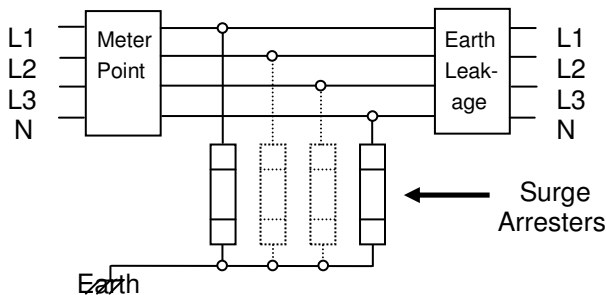
100kA HIGH ENERGY METAL OXIDE VARISTOR

Applications

- Overvoltage transient suppression
- Medium- to high-power distribution panels
- Lightning surge protection
- Power electronics
- Inductive load switching
- Industrial and household equipment

Specifications

- Conforms to IEC 61643-1:2005
- Operating voltage 275 VRMS (350 VDC)
- High energy capability 1320 J (2 mSec)
- Maximum surge current 100 kA (8/20)
- Maximum clamp voltage 710 V (300 A)
- Typical capacitance 8100 pF (1 kHz)
- Response time < 25 nSec
- Operating temperature -40°C to +85 °C
- DIN rail mount, bus bar entry
- Functional / defective indication
- Flame resistant, self extinguishing housing – VR0
- Thermal disconnect



Single Phase:

Use 2 units for L1 & N,
connected to earth

Three Phase:

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

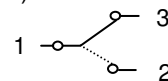


The internal Metal Oxide Varistor have received the following certifications:
 Underwriters Laboratories UL
 Canadian Laboratories Inc. CSA
 Swiss Electrotechnical Association SEV
 Verband Der Elektrotechnik VDE

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

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