

METAL OXIDE VARISTORS

APPLICATION:

Metal Oxide Varistors (MOVs) are used for special application of VCB's controlling variable frequency drives. MOVs are used in sets (Either 9 nos. or 6 nos. per set) set in switchgear. Based on make & usage quantity per set three (03) options have been prepared.

- Only one option out of the three (03) options mentioned below shall be procured from technically clear L1 vendor.
- Quantity of MOVs required in each set is indicated against each option.
- Type & make of MOVs mentioned below are only acceptable.
- Mixing of make & type in set is not acceptable.

ITEM-001 :

MOV MAKE : M/S EPCOS MAKE
MOV TYPE : B80K1100
MOV RATING : 7000 JOULES, 1100 VOLTS RMS
MOV QTY PER SET : 9 NOS.

OR

MOV MAKE : M/S GE MAKE
MOV TYPE : V142BB60
MOV RATING : 5000 JOULES, 1400 VOLTS RMS
MOV QTY PER SET : 6 NOS.

OR

MOV MAKE : M/S CKE MAKE
MOV TYPE : Z80M162
MOV RATING : 6000 JOULES, 1000 VOLTS RMS
MOV QTY PER SET : 9 NOS.

ITEM-002 :

MOV MAKE : M/S SEIMENS MAKE
MOV TYPE : SIOVB60K750
MOV RATING : 2000 JOULES, 750 VOLTS
MOV QTY PER SET : 6 NOS

OR

MOV MAKE : M/S GE MAKE
MOV TYPE : V751BA60
MOV RATING : 2600 JOULES, 750 VOLTS
MOV QTY PER SET : 6 NOS

OR

MOV MAKE : M/S CKE MAKE
MOV TYPE : EQUIVALENT TO ABOVE MAKE / MODELS
MOV RATING : EQUIVALENT TO ABOVE MAKE / MODELS
MOV QTY PER SET : 6 NOS

STANDARDS:

All MOV's must conform to relevant IEC 61000-4-2 in all respects.

NOTES :

- 1) 1 copy of descriptive leaflet is to be furnished along with the offer.
- 2) 1 copy of routine test certificate is to be furnished at the time of delivery.

ACCEPTANCE CRITERIA :

- 1) Visual checks for cracks and surface finish.
- 2) Model No. Type No. as per specification parameters.