

Annexure -1

Specification for AC/EMC/EMI Filter

1. Maximum continuous operating voltage: 3x 690/400 VAC
2. Rated current @ 50° C (40 ° C): 150 (164) A
3. Operating Frequency : 50 Hz
4. Protection category : IP00
5. Overload capability :4× rated current at switch on,
1.5× rated current for 1 minute, once per hour
6. Temperature range (Operation & Storage): -25°C to +100°C
7. Power loss @ 25° C / 50 Hz : ≤ 24 W
8. High Potential test Voltage : P to E → 3100 VDC for 2 sec
P to P→ 3000 VDC for 2 sec
9. Design corresponds to : UL 1283, CSA 22.2 No. 8 1986, IEC/EN 60939 or better
10. Flammability correspond to : UL 94 V-2 or better
11. MTBF @ 45°C/480 V (Mil-HB-217F): Min. 1,30,000 hours
12. Dimension without terminals :L ≤ 300 mm
B ≤ 210 mm
H ≤ 120 mm
13. Weight: ≤ 6.5 kg

Note: Test certificate to be furnished along with the filter.

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