

Annexure -1

Specification for DC EMC/EMI Filter

1. Maximum continuous operating voltage: 1200 VDC
2. Rated current @ 55° C (40 ° C): 600 (690) A
3. Operating Frequency : DC
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): -40°C to +100°C
7. Power loss @ 25° C / DC : ≤ 29 W
8. High Potential test Voltage : P to E → 3600 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 @ 55°C/1200 V (Mil-HB-217F): Min. 223,000 hours
12. Dimension without terminals :L ≤ 300 mm
B ≤ 190 mm
H ≤ 110 mm
13. Weight: ≤ 6.5 kg

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

-----END-----