SAFETY ORGANIZATIONS

This filter has been formally recognized, certified or approved by the listed agency. Therefore, all test/requirements specified in the latest revision of the following agency standards have been met:

UL Recognized: UL 1283
CSA Certified: CSA C22.2 No. 8
VOC Approved: EN 60939-2

OPERATING SPECIFICATIONS

Line Current/Voltage:
- 20 Amp/40°C, 120/250 Vac, 50-60Hz
- 30 Amp/40°C, 250 Vac, 50-60Hz
- 30 Amp/40°C, 250 Vdc

Maximum Leakage Current:
- Each Line to Ground: 0.75 mA @ 120V 60Hz
- 1.25 mA @ 250V 50Hz

Operating Ambient Temp. Range: -10°C to +40°C @ Rated Current, 1.0.

In an ambient, Ta, higher than 40°C, the maximum operating current, I0, is as follows:

\[ I_0 = I_r \cdot \frac{40 - Ta}{45} \]

RELIABILITY SPECIFICATIONS:

Storage Temperature: -40°C to 485°C
Humidity: 21 Days @ 40°C 95% Rh.
Current Overload Test: 5 Times I, for 8 Seconds

TEST SPECIFICATIONS:

Inductance: 0.9 mH Nominal
Capacitance: (Measured) @ 1kHz, 0.250 VAC Max., 25°C (± 1°C)
Line to Ground: 0.0159 pF ± 20%
Line to Line: 1.065 pF ± 20%
Discharge Resistor: 330 kΩ
L/C and L/L I.R.
No Discharge Resistor: 6000 ohm (MIN.) @ 100 VDC,
20°C and 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

Line to Ground: 1500 Vac for 1 Minute
Line to Line: 750 Vdc for 1 Minute

FILTER APPROVAL:

The best way to select and qualify a filter is for your engineering to test the unit in your equipment.

POWER LINE FILTER
Mouser Electronics

Authorized Distributor

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TE Connectivity: 30VSB6