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
VDE APPROVED: CH 00539-2

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 20 A@40°C 120/250 VAC, 50-60Hz
20 A@40°C, 250 VAC, 50-60Hz
20 A@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 @ 95% RH.

IN AN AMBIENT, T0, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I0, IS AS FOLLOWS: I0 = I1 - (1.0 - T0) / 45

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO +85°C
HUMIDITY: 21 DAYS @ 40°C 95% RH.
CURRENT OVERLOAD TEST: 6 TIMES I1 FOR 6 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 0.9 ± 3% MINIMUM
CAPACITANCE: (MEASURED @ 1kHz, 0.25VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.010 ± 20000 µF ±10%
LINE TO LINE: 1.05 ± 20000 µF ±10%
DISCHARGE RESISTOR: 330 kΩ
L/C AND L/A L.R.
NO DISCHARGE RESISTOR: 600000 Ω (MIN.) @ 100VDC,
20°C AND 50% RH

RECOMMENDED RECEIVING INSULATION HIPOT:

LINE TO GROUND: 1500 VAC FOR 1 MINUTE
LINE TO LINE: 1450 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.

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Tyco Electronics

PARTS SHALL COMPLY WITH TYCO ELECTRONICS 1-5-200 SPECIFICATION FOR HAZARDOUS SUBSTANCES

UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE ±10% MATERIAL & FINISH: AS SUPPLIED

NOTES:

POWER LINE FILTER

Tyco Electronics Part No. 1-160003-9

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