

SAFETY ORGANIZATION(S):

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
CSA CERTIFIED
VDE APPROVED

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:

2 AMP., 120/250 VAC
2 AMP./40°C, 250 VAC
50-60Hz
30°C

LINE FREQUENCY:

MAX. CASE RISE θ RATED CURRENT:

MAX. LEAKAGE CURRENT, EACH

LINE TO GROUND

OPERATING AMBIENT TEMP. RANGE:

-10°C TO +40°C θ RATED CURRENT, I_r

IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING

CURRENT, I_o , IS AS FOLLOWS:

$$I_o = I_r \sqrt{\frac{85-T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:

-40°C TO +85°C

HUMIDITY:

CURRENT OVERLOAD TEST:

TEST SPECIFICATIONS:

INDUCTANCE:

CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)

LINE TO GROUND:

.011 μ F $\pm$ 20%

LINE TO LINE:

.203 μ F $\pm$ 20%

1.5M Ω

DISCHARGE RESISTOR

6000 M Ω (MIN) AT 100 VDC

20°C AND 50% RH

INSULATION RESISTANCE

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:

2250 VDC 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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	15	.5	1	2	5	10	20	30				
COMMON dB	11	25	33	40	50	53	55	55				
DIFF. dB	6	6	40	58	60	60	47	50				

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TOLERANCE EXCEPT AS NOTED

DECIMAL: .XXX .XX .X ANGLES $\pm$ 1°

ENGLISH: $\pm$.025

METRIC: $\pm$ —

MATERIAL:

AS SUPPLIED

FINISH:

AS SUPPLIED



LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE DATE 7-31-90

DRW. BY CFW

CFW

DRG. NO.

2VK1.05

REV.

