

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:

10 AMP., 120/250 VAC
 8 AMP./40°C, 250 VAC
 50-60Hz
 40°C

LINE FREQUENCY:

MAX. CASE RISE θ RATED CURRENT:
 MAX. LEAKAGE CURRENT, EACH
 LINE TO GROUND
 OPERATING AMBIENT TEMP. RANGE:

.5 mA at 120V 60 Hz
 1.0 mA at 250V 50 Hz
 -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:

21 DAYS θ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

7.13 mH NOMINAL

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:

.54 μ F \pm 20%

DISCHARGE RESISTOR

330 K Ω

LINE/GROUND AND LINE/LINE

6000 M Ω (MIN) AT 100 VDC

INSULATION RESISTANCE

20°C AND 50% RH

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	.01	.02	.05	.1	.15	.5	1	5	10	20	30
COMMON dB	4	11	20	26	30	44	49	51	52	53	40
DIFF. dB	1	1	2	3	15	59	65	65	50	50	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



CORCOM
 LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.
NTS	8-7-90	10VSK1.06
DRW. BY	ORIGINATOR	
CFW	CFW	

