

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, 625

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:
3 AMP.; 120/250 VAC
2 AMP./40°C, 250 VAC
LINE FREQUENCY:
50-60Hz
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND
50-60Hz
5mA @ 250V 50Hz
OPERATING AMBIENT TEMP. RANGE:
-10°C TO +40°C @ 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:
HUMIDITY:
CURRENT OVERLOAD TEST:

-25°C TO +85°C
21 DAYS @ 40°C 95% RH
6 TIMES RATED CURRENT
FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
LINE TO GROUND:
LINE TO LINE:
DISCHARGE RESISTOR:
LINE/GROUND AND LINE/LINE
INSULATION RESISTANCE
(W/O DISCHARGE RESISTOR)

13.77mH NOMINAL
.004μF ±20%
.74μF ±20%
330kΩ
6000 MΩ (MIN) AT 100 VDC
20°C AND 50% RH

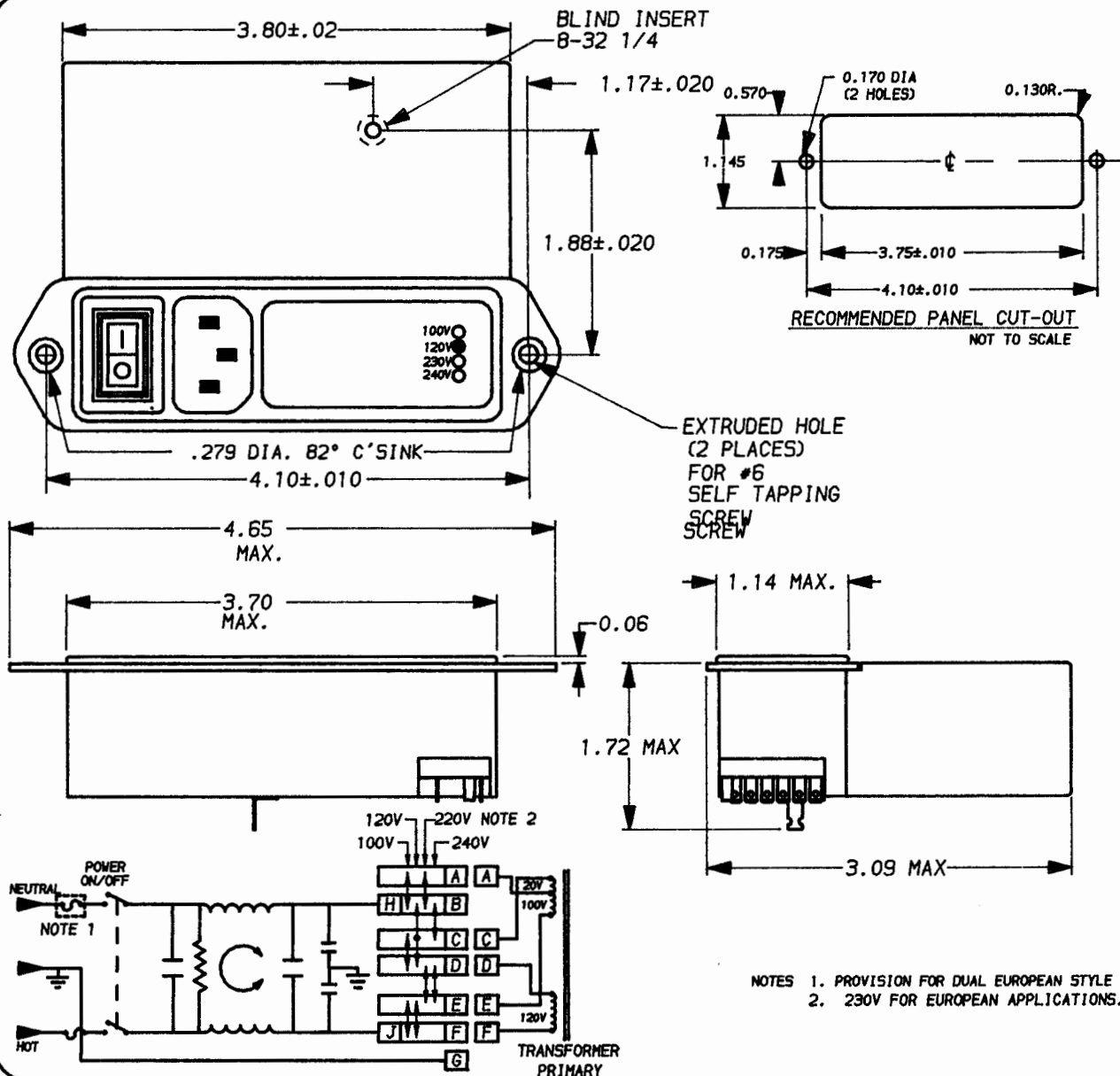
RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:
LINES TO LINE:

1500 VAC FOR 1 MINUTE
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.



NOTES 1. PROVISION FOR DUAL EUROPEAN STYLE FUSING.
2. 230V FOR EUROPEAN APPLICATIONS.

50Ω - 50Ω (MINIMUM) INSERTION LOSS												
FREQUENCY MHz	.01	.02	.03	.05	.07	.15	.50	1.0	5	10	30	
COMMON dB	15	21	25	29	32	39	46	43	40	40	40	
DIFF. dB	—	5	13	28	37	55	75	75	62	54	44	

UNLESS OTHERWISE SPECIFIED, TOLERANCE TO BE ±.025
MATERIAL & FINISH: AS SUPPLIED
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LIBERTYVILLE, IL 60048

POWER LINE FILTER

DATE: 4-18-94 CATALOG NO. 3EZM45.06

APPRVD. CAD NO. 3EZM45.06