

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 | UL 1283 |
| CSA CERTIFIED | CSA 22.2, NO.0,0.4,8 |
| VDE APPROVED | 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 .3mA @ 120V 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: -25°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C 95% RH
 CURRENT OVERLOAD TEST: 6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

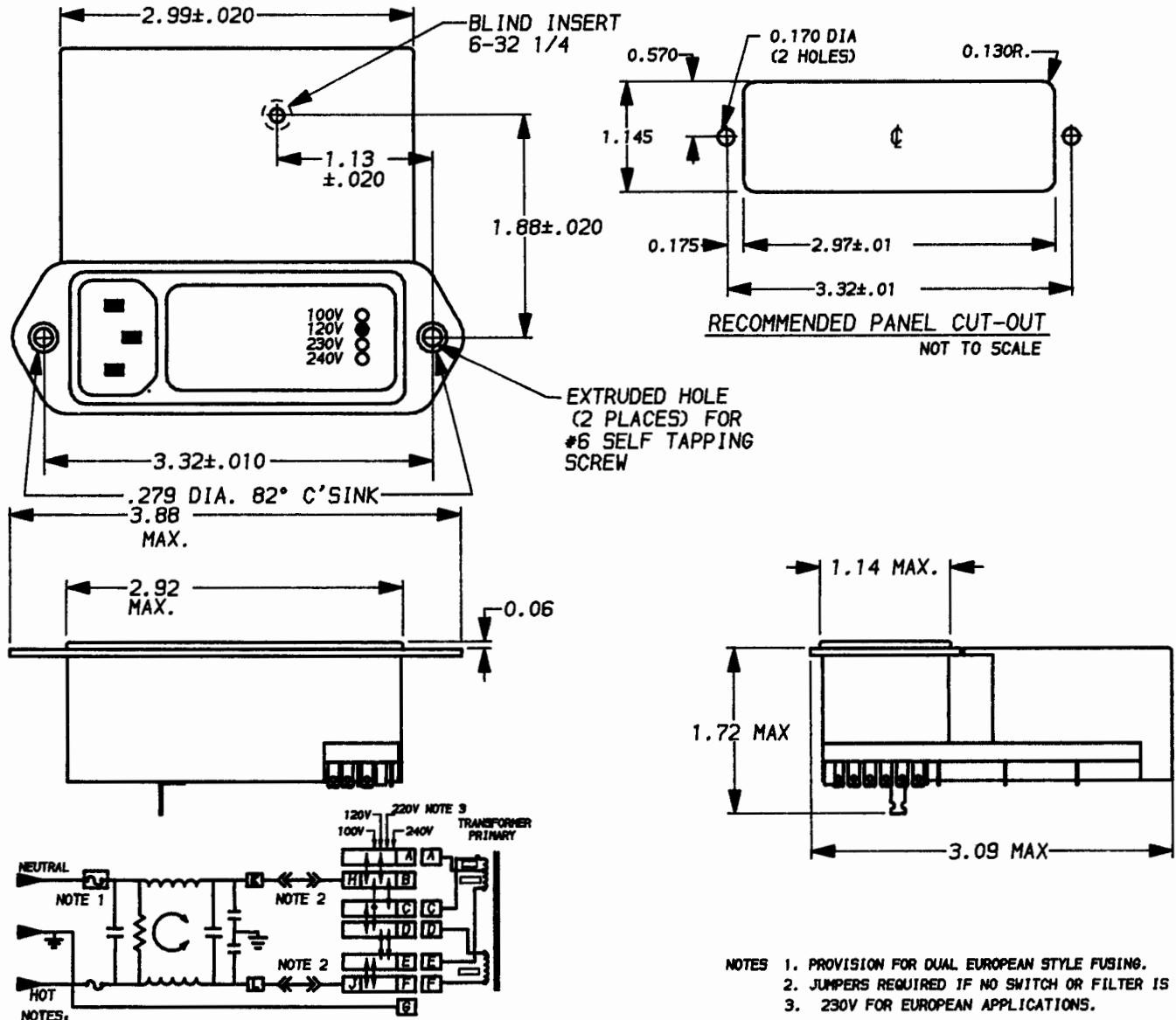
INDUCTANCE: 13.77mH NOMINAL
 CAPACITANCE: MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C
 LINE TO GROUND: .004μF ±20%
 LINE TO LINE: .74μF ±20%
 DISCHARGE RESISTOR: 330KΩ
 LINE/GROUND AND LINE/LINE 6000 MΩ (MIN) AT 100 VDC
 INSULATION RESISTANCE 20°C AND 50% RH
 (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION 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.



- NOTES 1. PROVISION FOR DUAL EUROPEAN STYLE FUSING.
 2. JUMPERS REQUIRED IF NO SWITCH OR FILTER IS USED.
 3. 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 | 24 | 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
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POWER LINE FILTER
 DATE: 4-18-94 CATALOG NO.
 APPROV. 3EZM4 03
 CAD NO. 3EZM4.03