

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:

5 AMP., 120 VAC
4 AMP., 250 VAC
4 AMP./40°C, 250 VAC

LINE FREQUENCY:

50-60Hz

MAX. LEAKAGE CURRENT, EACH

.25mA AT 120V 60Hz

LINE TO GROUND

.42mA AT 250V 50Hz

OPERATING AMBIENT TEMP. RANGE:

-10°C TO +40°C @ RATED CURRENT,

IN AN AMBIENT, T_a , HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I_o , IS AS FOLLOWS:

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

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:

-40°C TO +85°C

HUMIDITY:

21 DAYS @ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

.93mH NOMINAL

CAPACITANCE:

(MEASURED AT 1 KHz, 0.25 VAC MAX., 25°C ±1°C)

LINE TO LINE:

.009μF ±20%

LINE TO GROUND:

.005μF ±20%

DISCHARGE RESISTOR:

1.5 MΩ

LINE/GROUND AND LINE/LINE

6000 MΩ (MIN)

INSULATION RESISTANCE

AT 100 VDC

(W/O DISCHARGE RESISTOR)

20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND:

1500 VAC FOR 1 MINUTE

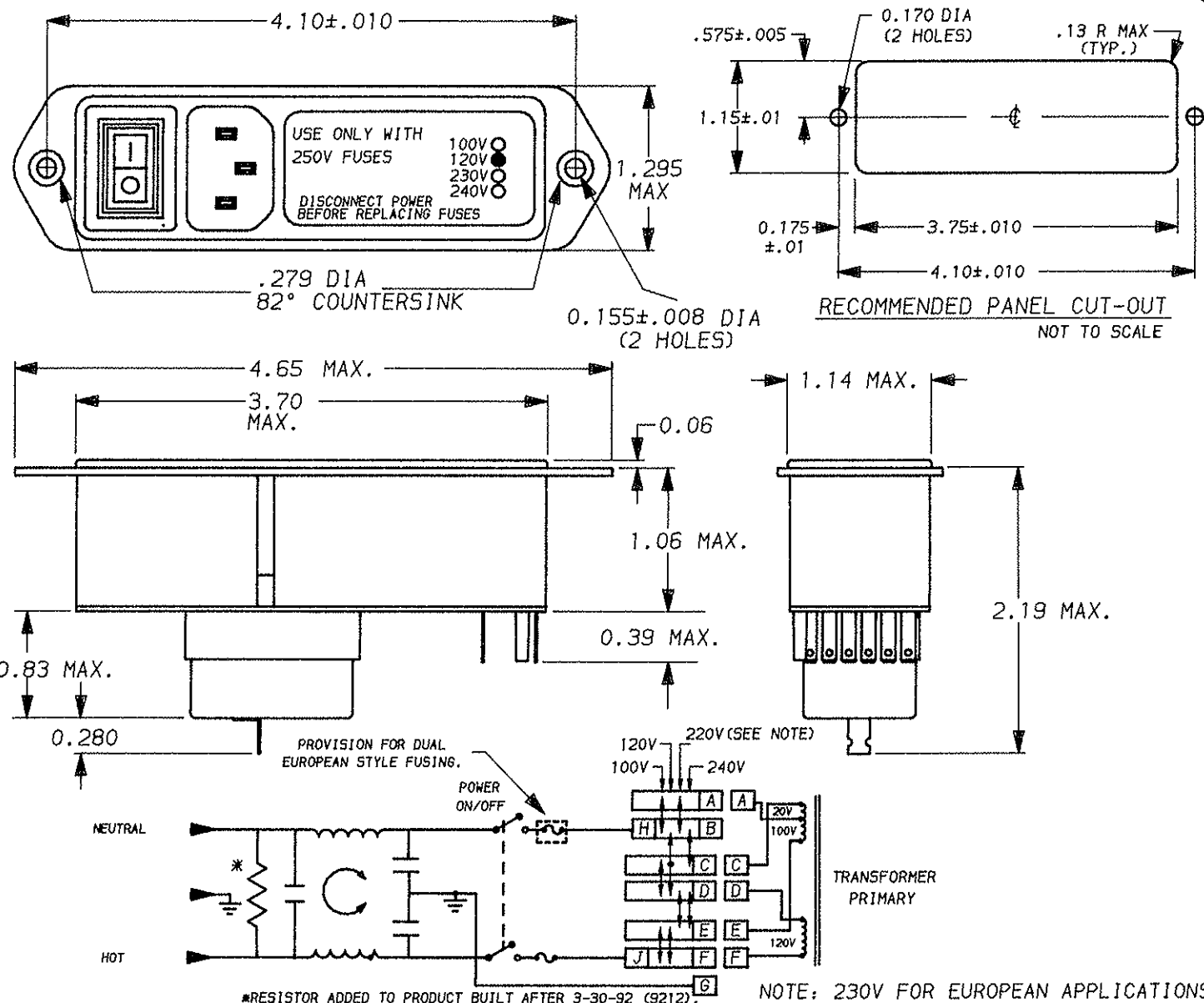
LINE TO LINE:

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.

SEFM45



*RESISTOR ADDED TO PRODUCT BUILT AFTER 3-30-92 (9212)

NOTE: 230V FOR EUROPEAN APPLICATIONS

50Ω - 50Ω (MINIMUM) INSERTION LOSS								
FREQUENCY MHz	.15	.50	1.0	2.0	5.0	10	20	30
COMMON dB	14	21	26	33	40	45	50	40
DIFF. dB								

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.	REV.
APPROV.	SEFM45	05

CAD NO. SEFM45.05