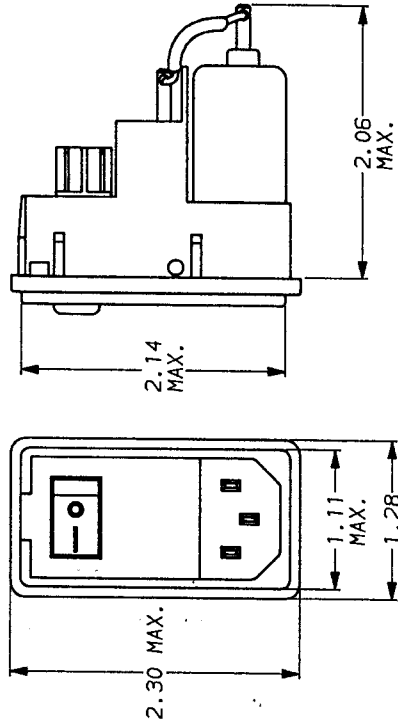
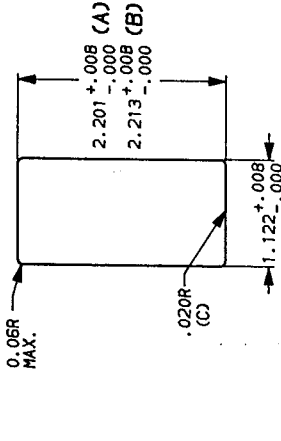


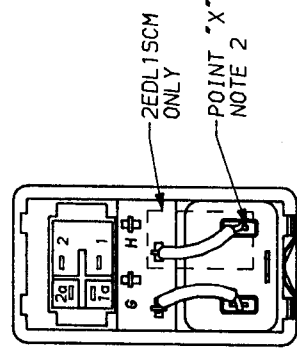
APPROVED BY: C. W. ... DATE: 4-30-72 REV: 6

**RECOMMENDED PANEL CUTOUT**  
(NOT TO SCALE)

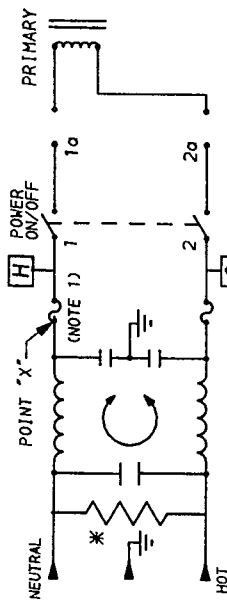
NOTES:  
(A) FOR PANEL TH'K. OF .031 -.079  
(B) FOR PANEL TH'K. OF .083 -.126  
(C) FOR SNAP-IN APPLICATION, THE SIDES OF THE CUTOUT MUST HAVE A .020R. ON THE INSTALLATION SIDE.



NOTE: ALL BACKPLATE TERMINALS ARE .110 FASTONS.



**ALTERNATE SWITCH**



NOTE:  
1.) PROVISION FOR DUAL EUROPEAN STYLE FUSING.  
2.) 2EDL1SC JUMPER FROM POINT X TO 1 AND FROM G TO 2. 2EDL1SCM JUMPER FROM H TO 1 AND FROM G TO 2.

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

**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 1283
- CSA 22.2, NO.0, 0.4, B
- VDE 565-3, 625
- SEN 432901
- SEV 1055/TP1977/5.1.1

**OPERATING SPECIFICATIONS.**

- LINE VOLTAGE/CURRENT, 2 AMP., 120/250 VAC
- 2 AMP./40°C, 250 VAC
- 50-60HZ
- LINE FREQUENCY, .25mA @ 120V 60Hz
- MAX. LEAKAGE CURRENT, EACH LINE TO GROUND .40mA @ 250V 50Hz
- OPERATING AMBIENT TEMP. RANGE, -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>

IN AN AMBIENT, I<sub>0</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>0</sub>, IS AS FOLLOWS:

$$I_0 = I_r \sqrt{\frac{85-I_a}{45}}$$

**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, .79mH NOMINAL
- CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C) .0028µF ±20%
- LINE TO GROUND, .047µF ±20%
- LINE TO LINE, 1.5 MΩ
- DISCHARGE RESISTOR, 6000 MΩ (MIN) AT 100 VDC
- LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR) 20°C AND 50% RH

**RECOMMENDED RECEIVING INSPECTION HIPOT.**

- 2250 VDC FOR 1 MINUTE
- 7450 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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS		TOLERANCE EXCEPT AS NOTED	
FREQUENCY MHz	.05 .15 .50 1.0 3.0 5.0 10 30	DECIMAL: .XXX	.XX .X ANGLES ±1°
COMMON dB	6 14 20 24 35 40 45 50	ENGLISH: ±.025	
DIFF. dB	— 7 16 21 23 37 47 50	METRIC: ±	

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LIBERTYVILLE, IL 60048

**POWER LINE FILTER**

SCALE	DATE	DRG. NO.	REV.
NTS	3-4-87	2EDL1SC & 2EDL1SCM	6
DRW. BY	ORIGINATOR	CFW	
LJD			

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