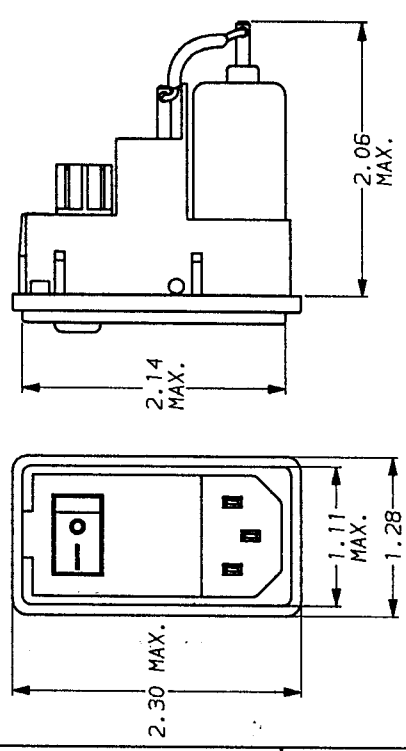
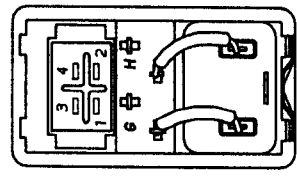
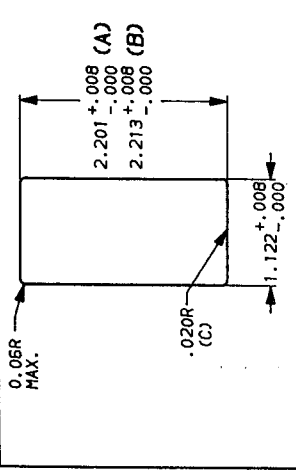
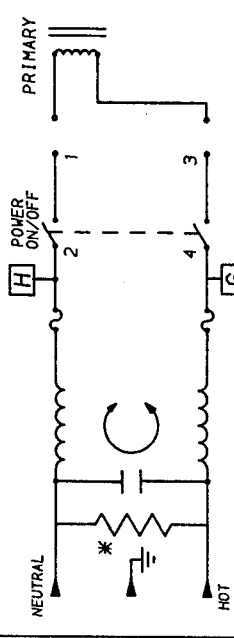


RECOMMENDED PANEL CUTOUT
 (NOT TO SCALE)

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 EXCEPT SWITCH TERMINALS WHICH ARE .187 FASTONS.



NOTE:
 1.) 6EHL15CM JUMPER FROM "H" TO 2 AND FROM "G" TO 4

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, 544
 CSA 22.2, NO.0.0.4, 8
 VDE 565-3, 625

OPERATING SPECIFICATIONS
 LINE VOLTAGE/CURRENT,
 6 AMP., 120/250 VAC
 5 AMP./40°C, 250 VAC

LINE FREQUENCY,
 50-60Hz
 MAX. LEAKAGE CURRENT, EACH LINE TO GROUND
 2µA @ 120V 60Hz
 5µA @ 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,
 5 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS
 INDUCTANCE,
 .52mH NOMINAL
 CAPACITANCE, (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)
 LINE TO LINE,
 .047µF ±20%

DISCHARGE RESISTOR,
 1.5 MΩ
 6000 MΩ (MIN) AT 100 VDC
 INSULATION RESISTANCE
 20°C AND 50% RH
 (W/O DISCHARGE RESISTOR)

RECOMMENDED RECEIVING INSPECTION HIPOTI
 LINES TO GROUND,
 2250 VDC FOR 1 MINUTE
 LINES 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.

TOLERANCE EXCEPT AS NOTED	
DECIMAL: .XXX .XX .X ANGLES	± 1°
ENGLISH: ±.025	
METRIC: ±	
MATERIAL: AS SUPPLIED	

50Ω - 50Ω (MINIMUM) INSERTION LOSS								
FREQUENCY PHZ	.05	.15	.50	1.0	2.0	5.0	10	30
COMMON dB	3	8	13	15	16	18	18	18
DIFF. dB	1	4	14	20	25	32	38	42

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LIBERTYVILLE, IL 60048

POWER LINE FILTER

FINISH:
 NTS 3-4-87
 DRG. NO. 6EHL15CM.03
 ORG. BY LJD
 CFW

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

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[FN9233S1B-8-06](#) [FN9233S1R-1-06](#) [FN9233S1R-12-06](#) [FN9233SB-1-06](#) [FN9233SB-12-06](#) [FN9233SB-8-06](#) [FN9233SR-10-06](#) [FN9244B-15-06HI](#) [FN9244EB-3-06](#) [FN9244EB-8-06](#) [FN9244ER-15-06](#) [FN9244ER-8-06](#) [FN9244ES1-8-06](#) [FN9244ESB-8-06](#) [FN9244R-12-06](#)
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