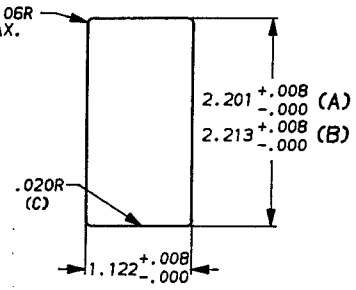
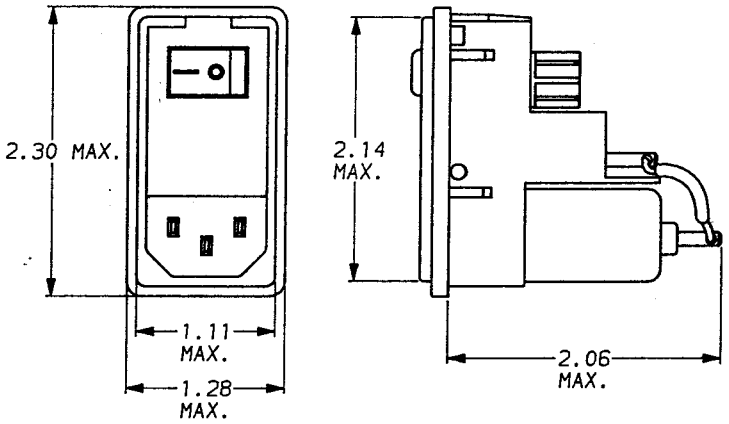
APPROVED BY	DATE:	REV
C. Westerby	4-30-92	5

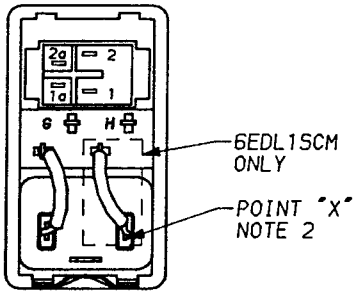


RECOMMENDED PANEL CUTOUT
(NOT TO SCALE)

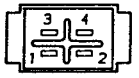
NOTES:

(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.

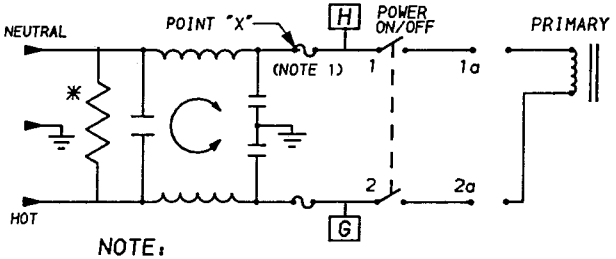




NOTE: ALL BACKPLATE TERMINALS ARE .110 FASTONS EXCEPT SWITCH TERMINALS WHICH ARE .187 FASTONS.



ALTERNATE SWITCH



NOTE:

1.) PROVISION FOR DUAL EUROPEAN STYLE FUSING.
2.) 6EDL1SC JUMPER FROM POINT X TO 1 AND FROM G TO 2. 6EDL1SCM 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 RECOGNIZED	UL 1283
CSA CERTIFIED	CSA 22.2, NO.0,0.4,8
VDE APPROVED	VDE 565-3, 625
SEMKO APPROVED	SEN 432901
SEV APPROVED	SEV 1055/TP1977/5.1.1

OPERATING SPECIFICATIONS:

LINE VOLTAGE/CURRENT:	6 AMP., 120/250 VAC
	6 AMP./40°C, 250 VAC
LINE FREQUENCY:	50-60Hz
MAX. LEAKAGE CURRENT, EACH LINE TO GROUND	.25mA @ 120V 60Hz
	.40mA @ 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:	.27mH NOMINAL
CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)	
LINE TO GROUND:	.0028μF ±20%
LINE TO LINE:	.047μF ±20%
DISCHARGE RESISTOR:	1.5 MΩ
LINE/GROUND AND LINE/LINE INSULATION RESISTANCE (W/O DISCHARGE RESISTOR)	6000 MΩ (MIN) AT 100 VDC 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINES TO GROUND:	2250 VDC 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.

50Ω - 50Ω (MINIMUM) INSERTION LOSS								
FREQUENCY MHz	.05	.15	.50	1.0	3.0	5.0	10	30
COMMON dB	1	6	13	17	26	31	37	45
DIFF. dB	—	6	15	20	25	25	45	50

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

MATERIAL: AS SUPPLIED

FINISH:

corcom
LIBERTYVILLE, IL 60048

POWER LINE FILTER

SCALE	DATE	DRG. NO.	REV.
NTS	3-4-87	6EDL1SC & 6EDL1SCM	5
DRW. BY LJD	ORIGINATOR CFW		

6EDL1SC-6EDL1SCM.DS