

DESCRIPTION	APPROVED/DATE	REV
	C. Westbr 11-19-91	2
ECO-09-026495	AEG 10DEC09	3

**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  
**OPERATING SPECIFICATIONS:**  
**LINE VOLTAGE/CURRENT:** 6 AMP., 120/250 VAC  
**LINE FREQUENCY:** 50-60Hz  
**MAX. LEAKAGE CURRENT, EACH LINE TO GROUND:** 2 μA @ 120VAC 60 Hz  
 5 μA @ 250VAC 50 Hz  
**OPERATING VOLTAGES:**  
 6HJ4-4 100, 120, 220, 240 VAC  
 6HJ4-2 115, 230 VAC

**OPERATING AMBIENT TEMP. RANGE:** -10°C TO +40°C @ RATED CURRENT, I<sub>r</sub>  
 IN AN AMBIENT, T<sub>a</sub>, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I<sub>o</sub>, IS AS FOLLOWS:

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

**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

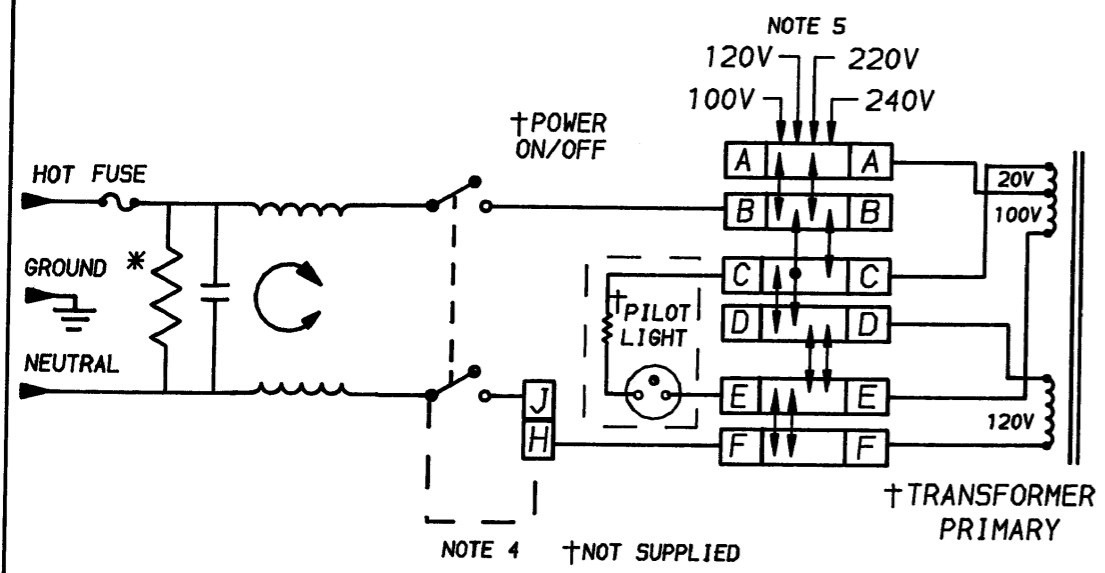
**TEST SPECIFICATIONS:**  
**INDUCTANCE:** .465 mH NOMINAL  
**CAPACITANCE: (MEASURED @ 1 KHz, 0.25 VAC MAX., 25°C ±1°C)**  
 LINE TO LINE: .018μF ±20%  
 DISCHARGE RESISTOR: 1.5 MΩ  
 LINE/GROUND AND LINE/LINE: 6000 MΩ (MIN) AT 100 VDC  
 INSULATION RESISTANCE (W/O DISCHARGE RESISTOR): 20°C AND 50% 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.

- NOTES:**
- FUSE COVER DOOR SHOWN IN OPEN POSITION
  - STANDARD UNITS MOUNT IN PANEL THICKNESS OF .060 - .090
  - SPECIAL MOUNTING CLIPS SOLD SEPARATELY FOR PANEL THICKNESSES OF .105 - .125
  - JUMPER REQUIRED IF ONLY SPST POWER SWITCH IS USED.
  - USE ONLY 120V AND 240V POSITIONS FOR 6HJ4-2
- ⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

	6609126-2
	6609126-1
OBSOLETE	1609126-1
⚠	1609126-2



50Ω-50Ω (MINIMUM) INSERTION LOSS							
FREQUENCY MHz	.15	.5	1.0	5.0	10	20	30
COMMON dB	9	11	15	19	13	12	10

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TOLERANCE EXCEPT AS NOTED  
 DECIMAL: .XXX .XX .X ANGLES ± 1°  
 ENGLISH: ±.015  
 METRIC: ± —  
**MATERIAL:** AS SUPPLIED



**POWER LINE FILTER**

SCALE	DATE	DRG. NO.	REV.
NTS	8-10-90	6HJ4-4 & 6HJ4-2	03
DRW. BY	ORIGINATOR		
CFW	CFW		

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