

**Power Entry Module with Voltage Selection and Fusing**

# J Series



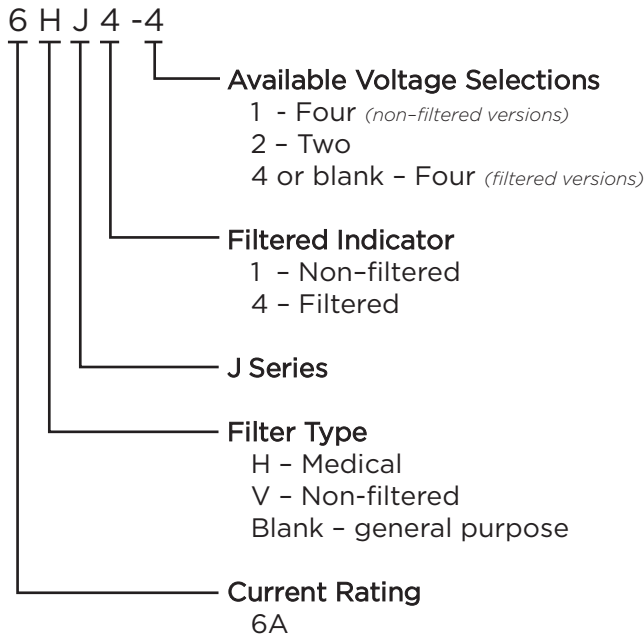
UL Recognized  
CSA Certified



## J Series

- Power entry module with North American style 3AG fuse holder
- 2 or 4 voltage selection
- Compact snap-in design
- Two element circuit provides basic EMI attenuation
- Available with minimal leakage current suitable for medical applications (HJ models)
- Also available without filter (VJ models)

## Ordering Information



## Specifications

### Maximum leakage current each Line to Ground:

	6J4 Models	6HJ4 or non-filtered
@250 VAC 50 Hz:	500 $\mu$ A	5 $\mu$ A

### Hipot rating (one minute):

Line to Ground:	1550 VAC
Line to Line:	1450 VDC

### Operating Voltage:

suffix - 1 or - 4 models:	100, 120, 220 or 240VAC
suffix - 2 models:	115 or 230 VAC

### Operating Frequency:

50/60 Hz

### Rated Current:

6A

### Required Fuse:

.25 x 1.25  
*(not included)*

## Available Part Numbers

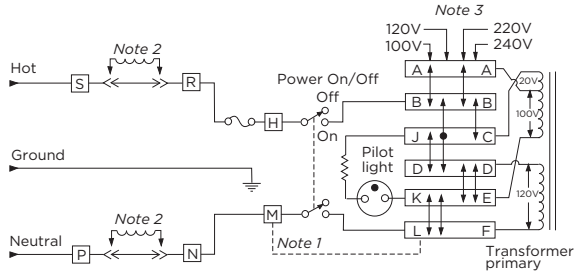
Non-filtered models	
6VJ1	6VJ1-2
General Purpose Filters	
6J4	6J4-2
Medical Filters	
6HJ4-4	6HJ4-2

Power Entry Module with Voltage Selection and Fusing (continued)

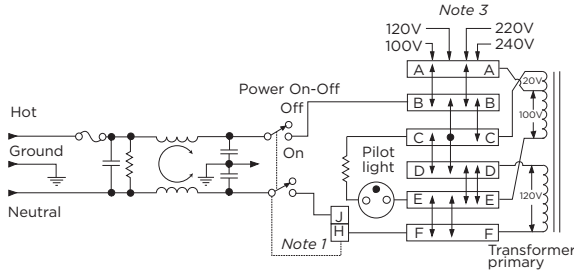
# J Series

## Electrical Schematics

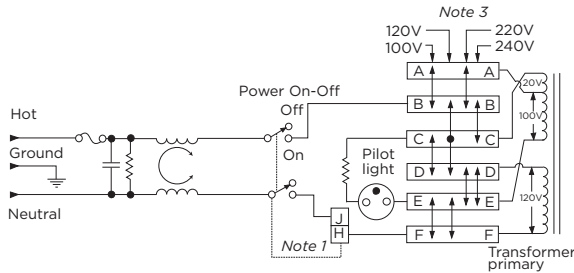
### 6VJ1 & 6VJ1-2



### 6J4 & 6J4-2

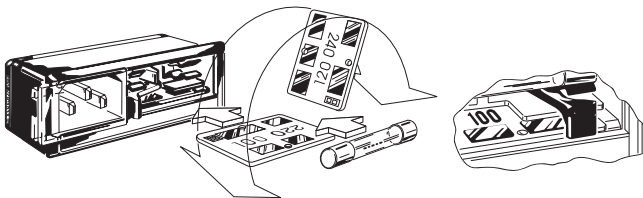


### 6HJ4-4 & 6J4-2



- Note 1: Jumper required if only SPST power switch is used
- Note 2: Jumpers required if no input filtering is used
- Note 3: Use only 120V and 240V positions for 2 volt selection units

## Voltage Selection

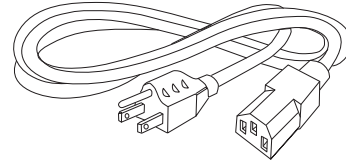


Open cover door and slide fuse-pull lever to left. Select operating voltage by orienting voltage selection card with the desired voltage on top left side. Push card firmly into module slot. Slide fuse-pull lever to right into normal position and re-insert fuse into holders.

Use caution in selecting correct fuse value.

## Accessories

GA400: NEMA 5-15P to IEC 60320-1 C-13 line cord



JA302: 2 Voltage Select Card

Comes standard with 6VJ1-2, 6J4-2 and 6HJ4-2

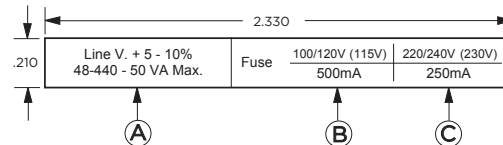
JA304: 4 Voltage Select Card

Comes standard with 6VJ1, 6J4 and 6HJ4-4

JA403: Mounting clips for .105 - .125" panels

JA410-419: Equipment Rating Labels

Self-adhesive, available in multiples of 40  
Specify part number

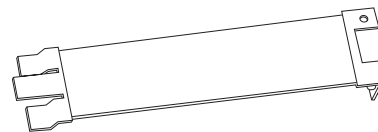


Part No.	A	B	C
	VA max.	Fuse	Fuse
JA410	25	100/120 (115)	125 mA
JA411	50	500 mA	250 mA
JA412	100	1A	500 mA
JA413	200	2A	1A
JA414	250	2.5A	1.25A
JA415	300	3A	1.5A
JA416	400	4 A	2A
JA417	500	5A	2.5A
JA418	600	6A	3A
JA419	Assortment		

JA410-JA418: 40 labels of one part number

JA419: 5 each of JA410 - JA418 (45 labels)

JA500: Voltage Selector Card Extractor Tool

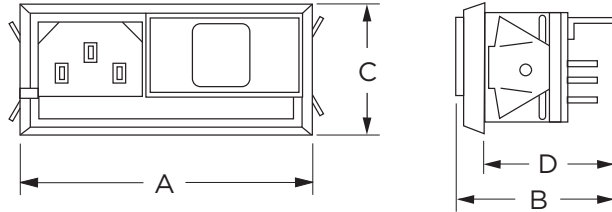


**Power Entry Module with Voltage Selection and Fusing** *(continued)*

# J Series

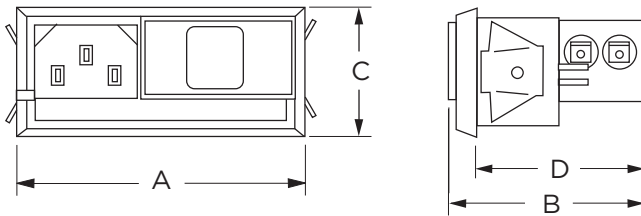
## Case Styles

### Non-filtered Models



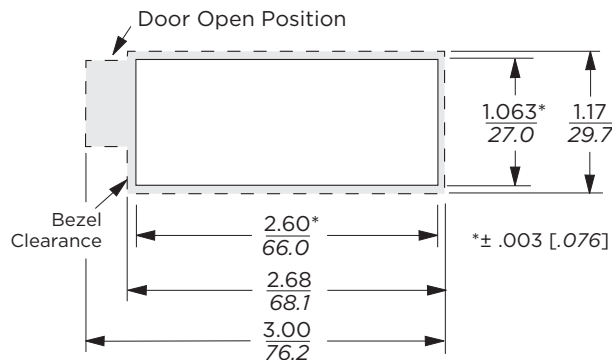
Typical Dimensions:  
Line Inlet (1): IEC 60320-1 C14  
Load Terminals (2): .110 [2.79]

### Filtered Models



Typical Dimensions:  
Line Inlet (1): IEC 60320-1 C14  
Load Terminals (2): .110 [2.79]

### Recommended Panel Cutouts



Standard units mount in panel thickness of .060 - .090 [1.52 - 2.29]  
JA403 Mounting clips for .105 - .125" panels available separately  
Fuse cover door shown in open position

## Case Dimensions

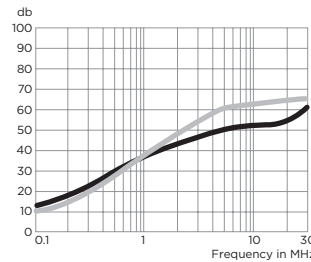
Part No.	A (max.)	B (max.)	C (max.)	D (max.)
6VJ1, 6VJ1-2	<b>2.68</b> 68.1	<b>1.52</b> 38.6	<b>1.17</b> 29.7	<b>1.23</b> 31.2
6J4, 6J4-2, 6HJ4-4, 6HJ4-2	<b>2.75</b> 69.9	<b>1.87</b> 47.5	<b>1.17</b> 29.7	<b>1.58</b> 40.1

## Performance Data

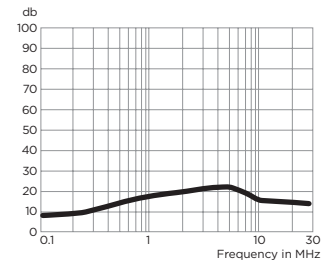
### Typical Insertion Loss

Measured in closed 50 Ohm system

#### 6J4



#### 6HJ4



— Common Mode / Asymmetrical (L-G)  
— Differential Mode / Symmetrical (L-L)

## Minimum Insertion Loss

Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Model No.	Frequency – MHz						
	.15	.5	1	5	10	20	30
6J4	9	20	25	41	45	45	48
6HJ4	9	11	15	19	13	12	10