

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

# J Series



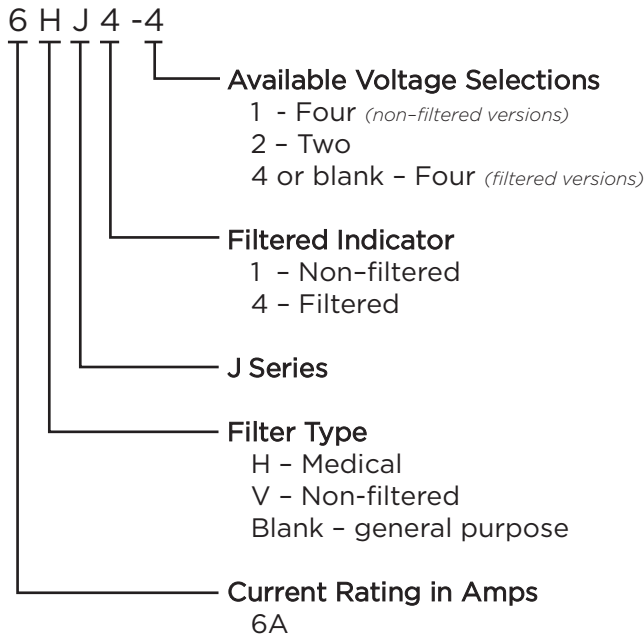
UL Recognized  
CSA Certified



## J Series

- Power entry module with North American 3AG fuse holder
- 2 or 4 voltage selection
- Compact snap-in design
- Single stage L 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 µA	5 µA

**Hipot rating (one minute):**

line to ground:	1550 VAC
line to line:	1450 VDC

**Operating Voltage:**

- 1 or - 4 models:	100, 120, 220 or 240VAC
- 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

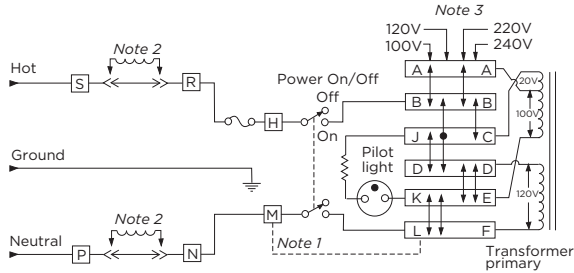
Non-filtered models	
6VJ1	6VJ1-2
General Purpose Filters	
6J4	6J4-2
Medical Filters	
6HJ4-4	6HJ4-2

Power Entry Module with Voltage Selection and Fusing (continued)

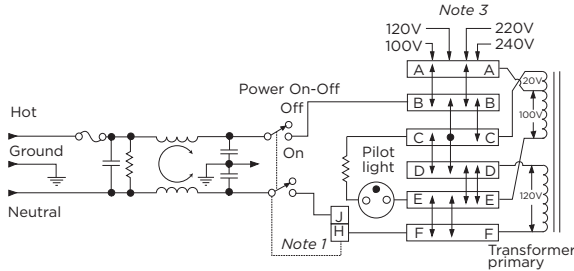
# J Series

## Electrical Schematics

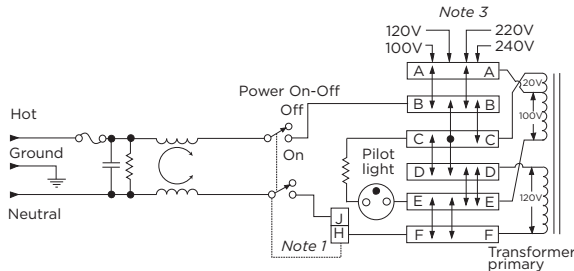
### 6VJ1 & 6VJ1-2



### 6J4 & 6J4-2

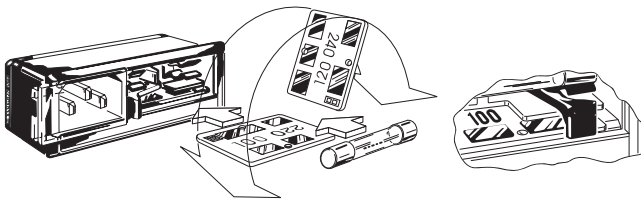


### 6HJ4-4 & 6J4-2



- 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

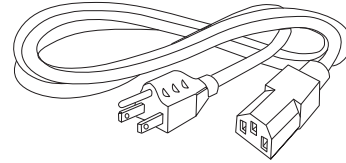


Open cover door and slide fuse-pull lever to left. Select operating voltage by orienting voltage selection card with the desired voltage on top left side. Push card firmly into module slot. Slide fuse-pull lever to right into normal position and re-insert fuse into holders.

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

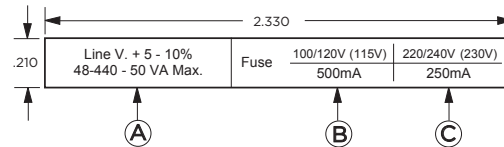
JA304: 4 Voltage Select Card

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

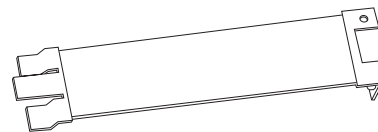


Part Number	A	B	C
	VA max.	Fuse	Fuse
JA410	25	250 mA	125 mA
JA411	50	500 mA	250 mA
JA412	100	1A	500 mA
JA413	200	2A	1A
JA414	250	2.5A	1.25A
JA415	300	3A	1.5A
JA416	400	4 A	2A
JA417	500	5A	2.5A
JA418	600	6A	3A
JA419	Assortment		

JA410-JA418: 40 labels of one part number

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

JA500: Voltage Selector Card Extractor Tool

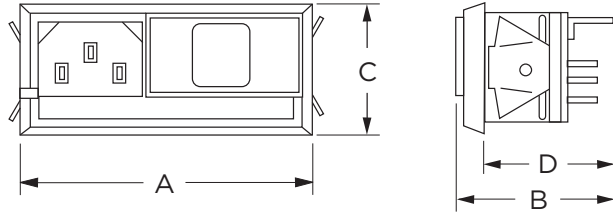


**Power Entry Module with Voltage Selection and Fusing** *(continued)*

# J Series

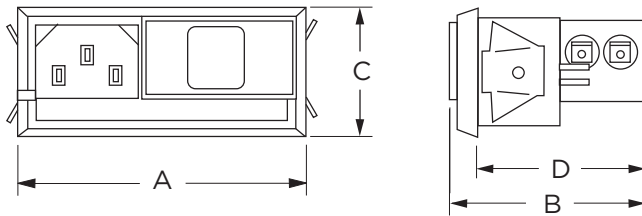
## Case Styles

### Non-filtered Models



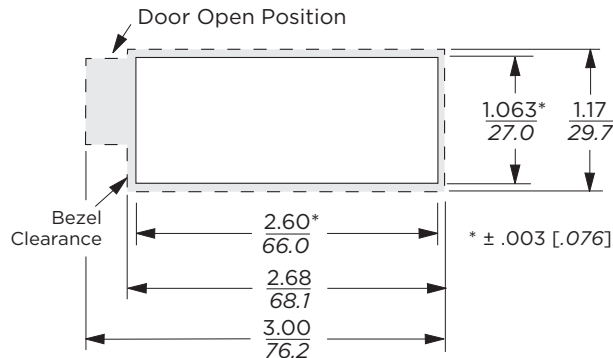
Typical Dimensions:  
Line Inlet (1): IEC 60320-1 C14  
Load Terminals (2): .110 [2.79]

### 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

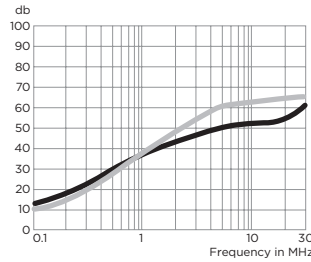
Part. No.	A (max.)	B (max.)	C (max.)	D (max.)
6VJ1, 6VJ1-2	<b>2.68</b> 68.1	<b>1.52</b> 38.6	<b>1.17</b> 29.7	<b>1.23</b> 31.2
6J4, 6J4-2, 6HJ4-4, 6HJ4-2	<b>2.75</b> 69.9	<b>1.87</b> 47.5	<b>1.17</b> 29.7	<b>1.58</b> 40.1

## Performance Data

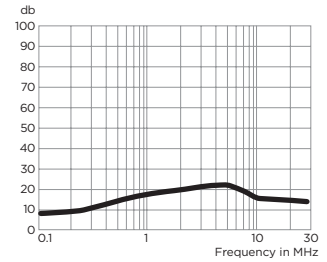
### Typical Insertion Loss

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 Number	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