

Power Entry Module with Voltage Selection and Fusing

J Series



UL Recognized
CSA Certified



Front View, all models



6HJ4

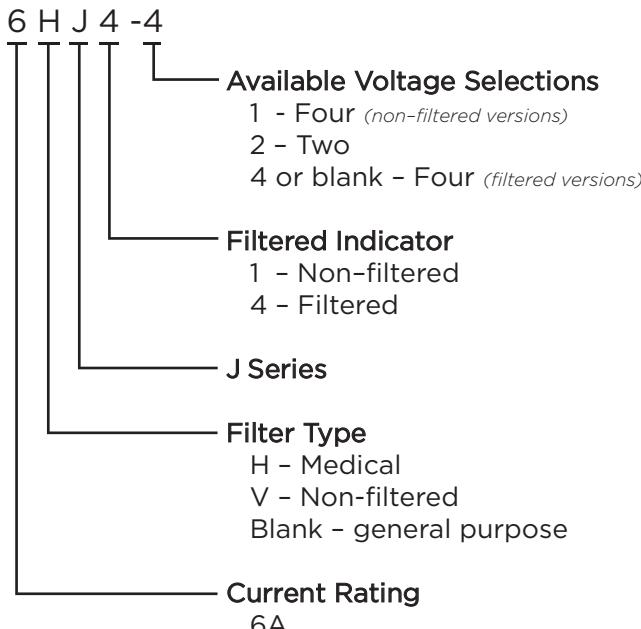


6J4

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	non-filtered
@250 VAC 50 Hz:	500 μ A	5 μ A
Hipot rating (one minute):		
Line to Ground:	1550 VAC	
Line to Line:	1450 VDC	
Operating Voltage:	100, 120, 220 or 240VAC	
	115 or 230 VAC	
Operating Frequency:	50/60 Hz	
Rated Current:	6A	
Required Fuse:	.25 x 1.25	(<i>not included</i>)

Available Part Numbers

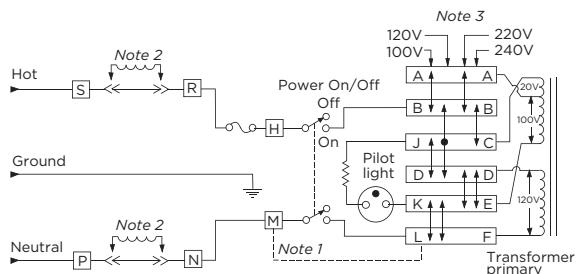
Non-filtered models	
6VJ1	6VJ1-2
General Purpose Filters	
6J4	6J4-2
Medical Filters	
6HJ4-4	6HJ4-2

Power Entry Module with Voltage Selection and Fusing (continued)

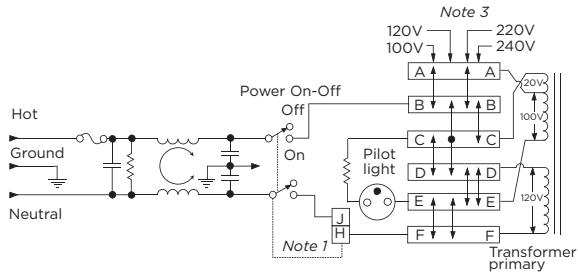
J Series

Electrical Schematics

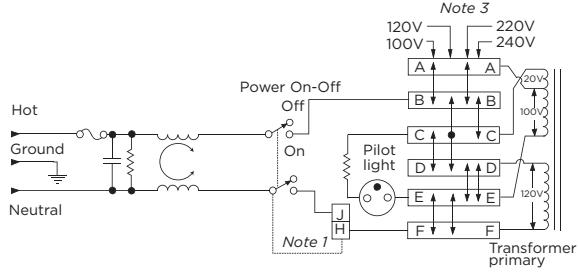
6VJ1 & 6VJ1-2



6J4 & 6J4-2

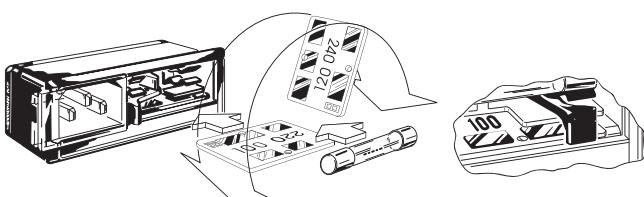


6HJ4-4 & 6J4-2



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

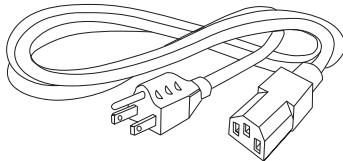


Open cover door and slide fuse-pull lever to left. Select operating voltage by orienting voltage selection card with the desired voltage on top left side. Push card firmly into module slot. Slide fuse-pull lever to right into normal position and re-insert fuse into holders.

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

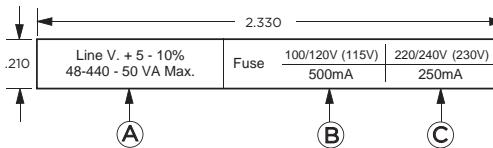
JA304: 4 Voltage Select Card

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

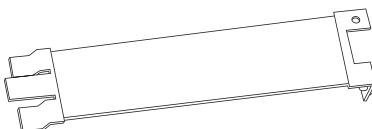


Part No.	A VA max.	B Fuse 100/120 (115)	C Fuse 220/240 (230)
JA410	25	250 mA	125 mA
JA411	50	500 mA	250 mA
JA412	100	1A	500 mA
JA413	200	2A	1A
JA414	250	2.5A	1.25A
JA415	300	3A	1.5A
JA416	400	4 A	2A
JA417	500	5A	2.5A
JA418	600	6A	3A
JA419	Assortment		

JA410-JA418: 40 labels of one part number

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

JA500: Voltage Selector Card Extractor Tool

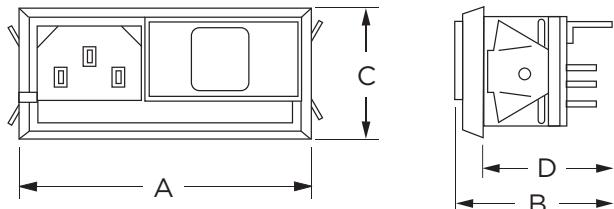


Power Entry Module with Voltage Selection and Fusing (continued)

J Series

Case Styles

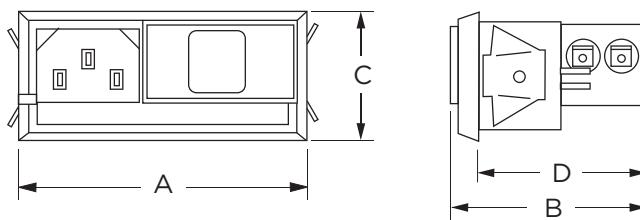
Non-filtered Models



Typical Dimensions:

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

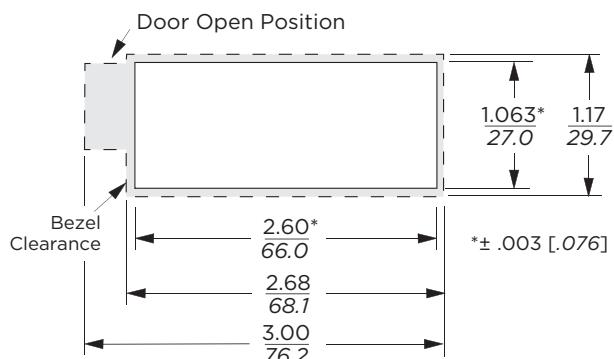
Filtered Models



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

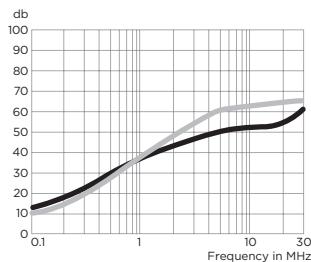
Part No.	A (max.)	B (max.)	C (max.)	D (max.)
6VJ1, 6VJ1-2	2.68 68.1	1.52 38.6	1.17 29.7	1.23 31.2
6J4, 6J4-2,	2.75	1.87	1.17	1.58
6HJ4-4, 6HJ4-2	69.9	47.5	29.7	40.1

Performance Data

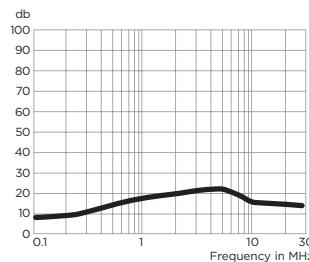
Typical Insertion Loss

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