

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:				
		6HJ4 or		
	6J4 Models	<u>non-filtered</u>		
@250 VAC 50 Hz:	500 µA	5 µA		
Hipot rating (one minut	e):			
Line to Ground:		1550 VAC		
Line to Line:		1450 VDC		
Operating Voltage:				
suffix - 1 or - 4 models		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





Power Entry Module with Voltage Selection and Fusing (continued)

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Electrical Schematics 6VJ1 & 6VJ1-2



6J4 & 6J4-2



6HJ4-4 & 6J4-2



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

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

↓ J	-		2.33	o ———		
.210		e V. + 5 - 10% 40 - 50 VA Max.	Fuse	100/120V (115V) 500mA	220/240V (230V) 250mA	
Ţ		A	<u> </u>	B	C	
		А		В	С	
		VA		Fuse	Fus	е
Part N	lo.	max.	10	0/120 (115)) 220/240	(230)
JA41	0	25		250 mA	125 n	nА
JA41	1	50		500 mA	250 r	nA
JA41	2	100		1A	500 r	nA
JA41	3	200		2A	1A	
JA41	4	250		2.5A	1.25	A
JA41	5	300		3A	1.5 <i>A</i>	7
1 \ 11	C	100		4 4	2.4	

37712	100	14	500 117
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



Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.



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Case Styles

Non-filtered Models





Case Dimensions

A	в	C	D
(max.)	(max.)	(max.)	(max.)
2.68	1.52	1.17	1.23
68.1	38.6	29.7	31.2
2.75	1.87	1.17	1.58
69.9	47.5	29.7	40.1
	(max.) 2.68 68.1 2.75	(max.) (max.) 2.68 1.52 68.1 38.6 2.75 1.87	(max.) (max.) (max.) 2.68 1.52 1.17 68.1 38.6 29.7 2.75 1.87 1.17

Performance Data

Typical Insertion Loss

Measured in closed 50 Ohm system



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)

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

Filtered Models

Line Inlet (1): Load Terminals (2):

Typical Dimensions:





Typical Dimensions: Line Inlet (1): Load Terminals (2):



IEC 60320-1 C14

.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