

## Features



- All Copper Windings
- Series/parallel jumper clips provided
- Secondary fuse kits (FKS) furnished
- All designs rated 50 / 60 Hertz up to 750 VA, 60 Hertz 1000 VA and above
- Primary fuse blocks and secondary fuse holders available



## Suffix -41

Primary 240 x 480, 230 x 460, 220 x 440 - Secondary 120, 115, 110 - Triple Rated									Primary Max Amps	Secondary Max Amps
VA	Catalog Number	Weight	Dimensions (Inches/mm)			Mounting Dimensions (Inches/mm)				
			Height A	Width B	Depth C	D	E	F	240/480 V	120 V
50	HC-0050-41	3	3.25/83	3.00/76	4.75/121	2.00/51	2.50/64	.203x.375 (5.2 x 9.5)	.21/.10	.42
75	HC-0075-41	4	3.25/83	3.00/76	5.25/133	2.50/64	2.50/64	.203x.375 (5.2 x 9.5)	.31/.16	.63
100	HC-0100-41	5	3.25/83	3.00/76	5.62/143	2.87/73	2.50/64	.203x.375 (5.2 x 9.5)	.42/.21	.83
150	HC-0150-41	7	3.75/95	3.75/95	5.25/133	2.62/67	3.13/80	.203x.375 (5.2 x 9.5)	.63/.31	1.25
250	HC-0250-41	8.5	3.75/95	3.75/95	5.62/143	2.87/73	3.13/80	.203x.375 (5.2 x 9.5)	1.04/.52	2.08
300	HC-0300-41	9.5	3.75/95	3.75/95	6.00/152	3.25/83	3.13/80	.203x.375 (5.2 x 9.5)	1.25/.63	2.50
375	HC-0375-41	10	4.25/108	4.50/114	5.50/140	2.75/70	3.75/95	.203x.375 (5.2 x 9.5)	1.56/.78	3.13
500	HC-0500-41	11.5	4.25/108	4.50/114	6.00/142	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	2.08/1.04	4.17
750	HC-0750-41	15.5	4.25/108	4.50/114	6.87/175	4.12/105	3.75/95	.203x.375 (5.2 x 9.5)	3.12/1.56	6.25
1000	HC-1000-41	19	4.87/124	5.25/133	6.50/165	3.87/98	4.37/111	.281x562 (7.1 x 14.3)	4.16/2.08	8.33
1500	HC-1500-41	27	4.87/124	5.25/133	7.87/200	5.12/130	4.37/111	.281x562 (7.1 x 14.3)	6.25/3.12	12.50
2000	HC-2000-41	32	4.87/124	5.25/133	9.12/232	6.40/163	4.37/111	.281x562 (7.1 x 14.3)	8.33/4.16	16.67

## Suffix -44

Primary 208 / 240 / 480 - Secondary 120									Primary Max Amps	Secondary Max Amps
VA	Catalog Number	Weight	Dimensions (Inches/mm)			Mounting Dimensions (Inches/mm)				
			Height A	Width B	Depth C	D	E	F	208/240/480 V	120 V
50	HC-0050-44	3	3.25/83	3.00/76	5.00/127	2.25/57	2.50/64	.203x.375 (5.2 x 9.5)	.24/.21/.10	.42
75	HC-0075-44	4	3.25/83	3.00/76	5.62/143	2.87/73	2.50/64	.203x.375 (5.2 x 9.5)	.36/.31/.16	.63
100	HC-0100-44	5.5	3.75/95	3.75/95	5.25/133	2.50/64	3.13/80	.203x.375 (5.2 x 9.5)	.48/.42/.21	.83
150	HC-0150-44	7.5	3.75/95	3.75/95	6.12/155	3.31/84	3.13/80	.203x.375 (5.2 x 9.5)	.72/.63/.31	1.25
250	HC-0250-44	8.5	4.30/1.09	4.50/114	5.25/133	2.50/64	3.75/95	.203x.375 (5.2 x 9.5)	1.21/1.04/.52	2.08
300	HC-0300-44	10.5	4.30/1.09	4.50/114	6.00/152	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	1.4/1.25/.63	2.50
375	HC-0375-44	11.5	4.30/1.09	4.50/114	6.00/152	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	1.8/1.56/.78	3.13
500	HC-0500-44	13.5	4.30/1.09	4.50/114	6.50/165	3.75/95	3.75/95	.203x.375 (5.2 x 9.5)	2.4/2.08/1.04	4.17
750	HC-0750-44	18.5	4.87/124	5.25/133	6.50/165	3.75/95	4.37/111	.203x.375 (5.2 x 9.5)	3.6/3.12/1.56	6.25
1000	HC-1000-44	20	4.87/124	5.25/133	6.75/171	4.00/102	4.37/111	.281x562 (7.1 x 14.3)	4.8/4.16/2.08	8.33
1500	HC-1500-44	29.5	4.87/124	5.25/133	8.50/216	5.87/149	4.37/111	.281x562 (7.1 x 14.3)	7.2/6.25/3.12	12.50
2000	HC-2000-44	32	6.25/159	4.25/108	8.50/216	5.93/151	3.43/87	.281x562 (7.1 x 14.3)	9.6/8.33/4.16	16.67

## Suffix -46

Primary 600/575/550 - Secondary 120, 115, 110 - Triple Rated									Primary Max Amps	Secondary Max Amps
VA	Catalog Number	Weight lbs	Dimensions (Inches/mm)			Mounting Dimensions (Inches/mm)				
			Height A	Width B	Depth C	D	E	F	600 V	120 V
50	HC-0050-46	3	3.25/83	3.00/76	4.75/121	2.00/51	2.50/64	.203x.375 (5.2 x 9.5)	.08	.42
75	HC-0075-46	4	3.25/83	3.00/76	5.25/133	2.50/64	2.50/64	.203x.375 (5.2 x 9.5)	.13	.63
100	HC-0100-46	5	3.25/83	3.00/76	5.62/143	2.87/73	2.50/64	.203x.375 (5.2 x 9.5)	.17	.83
150	HC-0150-46	7	3.75/95	3.75/95	5.25/133	2.62/67	3.13/80	.203x.375 (5.2 x 9.5)	.25	1.25
250	HC-0250-46	8.5	3.75/95	3.75/95	5.62/143	2.87/73	3.13/80	.203x.375 (5.2 x 9.5)	.42	2.08
300	HC-0300-	9.5	3.75/95	3.75/95	6.00/142	3.25/83	3.13/80	.203x.375 (5.2 x 9.5)	.50	2.50
375	HC-0375-46	10	4.2/107	4.50/114	5.30/135	2.75/70	3.75/95	.203x.375 (5.2 x 9.5)	.63	3.13
500	HC-0500-46	11.5	4.25/108	4.50/114	6.00/142	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	.83	4.17
750	HC-0750-46	15.5	4.25/108	4.50/114	6.87/175	4.12/105	3.75/95	.203x.375 (5.2 x 9.5)	1.3	6.25
1000	HC-1000-46	19	4.87/124	5.25/133	6.50/165	3.87/98	4.37/111	.281x562 (7.1 x 14.3)	1.7	8.33
1500	HC-1500-46	27	4.87/124	5.25/133	7.87/200	5.12/130	4.37/111	.281x562 (7.1 x 14.3)	2.5	12.50
2000	HC-2000-46	32	4.87/124	5.25/133	9.12/232	6.40/163	4.37/111	.281x562 (7.1 x 14.3)	3.3	16.67

## Suffix -47

Primary 240/480/600, 230/460/575, 220/440/550 - Secondary 120/115/110 Triple Rated									Primary Max Amps	Secondary Max Amps
VA	Catalog Number	Weight lbs	Dimensions (Inches/mm)			Mounting Dimensions (Inches/mm)				
			Height A	Width B	Depth C	D	E	F	208/240/480 V	120 V
50	HC-0050-47	3	3.25/83	3.00/76	5.00/127	2.25/57	2.50/64	.203x.375 (5.2 x 9.5)	.21/.10/.08	.42
75	HC-0075-47	4	3.25/83	3.00/76	5.62/143	2.87/73	2.50/64	.203x.375 (5.2 x 9.5)	.31/.16/.13	.63
100	HC-0100-47	5.5	3.75/95	3.75/95	5.25/133	2.50/64	3.13/80	.203x.375 (5.2 x 9.5)	.42/.21/.17	.83
150	HC-0150-47	7.5	3.75/95	3.75/95	6.12/155	3.31/84	3.13/80	.203x.375 (5.2 x 9.5)	.63/.31/.25	1.25
250	HC-0250-47	8.5	4.30/1.09	4.50/114	5.25/133	2.50/64	3.75/95	.203x.375 (5.2 x 9.5)	1.04/.52/.42	2.08
300	HC-0300-47	10.5	4.30/1.09	4.50/114	6.00/152	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	1.25/.63/.50	2.50
375	HC-0375-47	11.5	4.30/1.09	4.50/114	6.00/152	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	1.56/.78/.63	3.13
500	HC-0500-47	13.5	4.30/1.09	4.50/114	6.50/165	3.75/95	3.75/95	.203x.375 (5.2 x 9.5)	2.08/1.04/.83	4.17
750	HC-0750-47	18.5	4.87/124	5.25/133	6.50/165	3.75/95	4.37/111	.203x.375 (5.2 x 9.5)	3.1/1.6/1.3	6.25
1000	HC-1000-47	20	4.87/124	5.25/133	6.75/171	4.00/102	4.37/111	.281x562 (7.1 x 14.3)	4.16/2.08/1.7	8.33
1500	HC-1500-47	29.5	4.87/124	5.25/133	8.50/216	5.87/149	4.37/111	.281x562 (7.1 x 14.3)	6.25/3.12/2.5	12.50
2000	HC-2000-47	32	6.25/159	4.25/108	8.50/216	5.93/151	3.43/87	.281x562 (7.1 x 14.3)	8.33/4.16/3.3	16.67

## Suffix -4100

### Features Pre-Connected Dual Primary Fuse Blocks

Primary 240 x 480, 230 x 460, 220 x 440 - Secondary 120, 115, 110 - Triple Rated									Primary Max Amps	Secondary Max Amps
VA	Catalog Number	Weight lbs	Dimensions (Inches/mm)			Mounting Dimensions (Inches/mm)				
			Height A	Width B	Depth C	D	E	F	240/480 V	120 V
50	HC-0050-4100	3	4.25/108	3.00/76	4.75/121	2.00/51	2.50/64	.203x.375 (5.2 x 9.5)	.21/.10	.42
75	HC-0075-4100	4	4.25/108	3.00/76	5.25/133	2.50/64	2.50/64	.203x.375 (5.2 x 9.5)	.31/.16	.63
100	HC-0100-4100	5	4.25/108	3.00/76	5.62/143	2.87/73	2.50/64	.203x.375 (5.2 x 9.5)	.42/.21	.83
150	HC-0150-4100	7	4.75/121	3.75/95	5.25/133	2.62/67	3.13/80	.203x.375 (5.2 x 9.5)	.63/.31	1.25
250	HC-0250-4100	8.5	4.75/121	3.75/95	5.62/143	2.87/73	3.13/80	.203x.375 (5.2 x 9.5)	1.04/.52	2.08
300	HC-0300-4100	9.5	4.75/121	3.75/95	6.00/152	2.87/73	3.13/80	.203x.375 (5.2 x 9.5)	1.25/.63	2.50
375	HC-0375-4100	10	5.30/135	4.50/114	5.50/140	2.75/70	3.75/95	.203x.375 (5.2 x 9.5)	1.56/.78	3.13
500	HC-0500-4100	11.5	5.25/133	4.50/114	6.00/142	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	2.08/1.04	4.17
750	HC-0750-4100	15.5	5.25/133	4.50/114	6.87/175	4.12/105	3.75/95	.203x.375 (5.2 x 9.5)	3.12/1.56	6.25
1000	HC-1000-4100	19	5.87/149	5.25/133	6.50/165	3.87/98	4.37/111	.281x562 (7.1 x 14.3)	4.16/2.08	8.33
1500	HC-1500-4100	27	5.87/149	5.25/133	7.87/200	5.12/130	4.37/111	.281x562 (7.1 x 14.3)	6.25/3.12	12.50
2000	HC-2000-4100	32	5.87/149	5.25/133	9.12/232	6.40/163	4.37/111	.281x562 (7.1 x 14.3)	8.33/4.16	16.67

Dimensions and weights may change. Consult factory for Certified Drawings.

## Suffix -4400

### Features Pre-Connected Dual Primary Fuse Blocks

Primary 208 / 240 / 480 - Secondary 120									Primary Max Amps	Secondary Max Amps
VA	Catalog Number	Weight lbs	Dimensions (Inches/mm)			Mounting Dimensions (Inches/mm)				
			Height A	Width B	Depth C	D	E	F	208/240/480 V	120 V
50	HC-0050-4400	3	4.25/108	3.00/76	5.00/127	2.25/57	2.50/64	.203x.375 (5.2 x 9.5)	.24/.21/.10	.42
75	HC-0075-4400	4	4.25/108	3.00/76	5.62/143	2.87/73	2.50/64	.203x.375 (5.2 x 9.5)	.36/.31/.16	.63
100	HC-0100-4400	5.5	4.75/121	3.75/95	5.25/133	2.50/64	3.13/80	.203x.375 (5.2 x 9.5)	.48/.42/.21	.83
150	HC-0150-4400	7.5	4.75/121	3.75/95	6.12/155	3.31/84	3.13/80	.203x.375 (5.2 x 9.5)	.72/.63/.31	1.25
250	HC-0250-4400	8.5	5.50/140	4.50/114	5.25/133	2.50/64	3.75/95	.203x.375 (5.2 x 9.5)	1.21/1.04/.52	2.08
300	HC-0300-4400	10.5	5.50/140	4.50/114	6.00/152	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	1.4/1.25/.63	2.50
375	HC-0375-4400	11.5	5.50/140	4.50/114	6.00/152	3.25/83	3.75/95	.203x.375 (5.2 x 9.5)	1.8/1.56/.78	3.13
500	HC-0500-4400	13.5	5.50/140	4.50/114	6.50/165	3.75/95	3.75/95	.203x.375 (5.2 x 9.5)	2.4/2.08/1.04	4.17
750	HC-0750-4400	18.5	6.25/159	5.25/133	6.50/165	3.75/95	4.37/111	.203x.375 (5.2 x 9.5)	3.6/3.12/1.56	6.25
1000	HC-1000-4400	20	6.25/159	5.25/133	6.75/171	4.00/102	4.37/111	.281x562 (7.1 x 14.3)	4.8/4.16/2.08	8.33
1500	HC-1500-4400	29.5	6.25/159	5.25/133	8.50/216	5.87/149	4.37/111	.281x562 (7.1 x 14.3)	7.2/6.25/3.12	12.50
2000	HC-2000-4400	32	5.25/133	4.25/108	8.50/216	5.93/151	3.43/87	.281x562 (7.1 x 14.3)	9.6/8.33/4.16	16.67

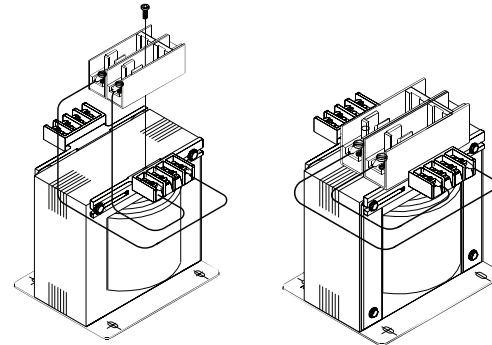
### Series HC Primary Fuse Kit Installation

#### Fuse Kit FKP2

- Meets UL 508
- Meets NEC Article 450
- Uses Class CC Fuses

#### Installation Procedure

- Locate the mounting hole in the terminal block of primary side of transformer.
- Fasten FKP2 Fuse Holder to primary side of transformer terminal block with the screw provided.
- Connect the Fuse Holder leads to the transformer terminals with the jumper leads furnished.



#### Series HC Recommended Fuse Type by Manufacturer

Manufacturer	Bussman	Goold	Littlefuse
Primary Fuse Type	FNQ-R	ATQR / ATDR	KLDR / CCRM
Secondary Fuse Type	FNM / FNQ (250V) (500V)	TRM / ATQ (250V) (500V)	FLM / FLQ (250V) (500V)

Note: Fuses sold separately.

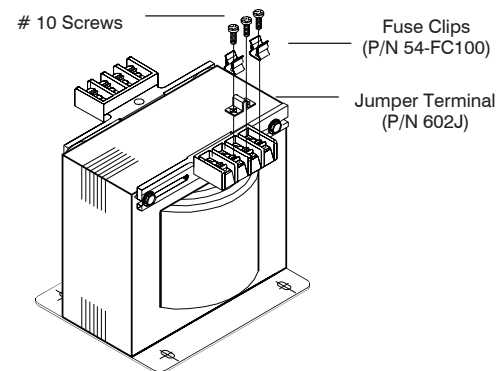
### Series HC Secondary Fuse Kit Installation

#### Fuse Kit FKS

#### Installation Procedure

- To fuse Terminal X1, remove #10 screws in Terminals X1, XF, and unmarked terminal slot.
- Fasten Fuse Clip to transformer Terminal X1 using a #10 screw.
- Fasten a #10 screw through Fuse Clip and Jumper Terminal and into unmarked Terminal slot.
- Fasten #10 screw through Jumper Terminal and into Terminal XF.
- Connect load to terminals X2 and XF.

#### Secondary Fuse Kit FKS Furnished with each Transformer

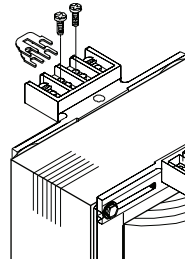


Note: Fuses sold separately.

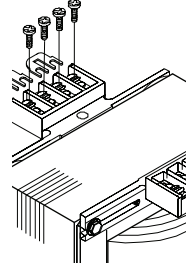
Dimensions and weights may change. Consult factory for Certified Drawings.

## Series HC are shipped with Jumper Clips connected in Series

Jumpers shown stacked for Series Connections



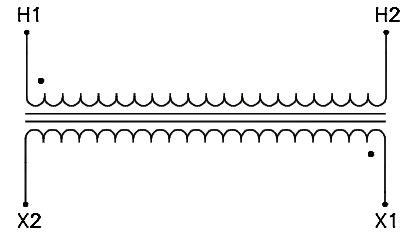
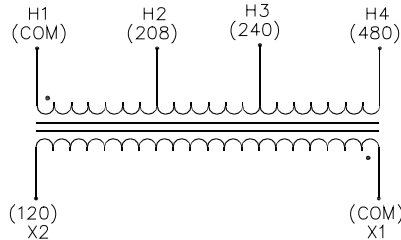
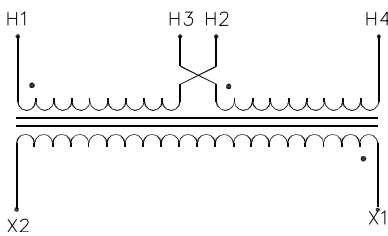
Jumpers shown spread for Parallel Connections



Suffix -41				
Primary		Connect Incoming Lines To	Secondary	
Voltage	Jumper		Voltage	Connect Load To
240	H1 to H3	H1 & H4	120	X1 & X2
230 & 220	H2 to H4			
480	H2 to H3	H1 & H4	115	X1 & X2
460			110	
440				

Suffix -44				
Primary		Connect Incoming Lines To	Secondary	
Voltage	Jumper		Voltage	Connect Load To
208	-	H1 & H2		
240	-	H1 & H3	120	X1 & X2
480	-	H1 & H4		

Suffix -46				
Primary		Connect Incoming Lines To	Secondary	
Voltage	Jumper		Voltage	Connect Load To
600	-	H1 & H2	120	X1 & X2



Suffix -47				
Primary		Connect Incoming Lines To	Secondary	
Voltage	Jumper		Voltage	Connect Load To
240	-	H1 & H2		
480	-	H1 & H3	120	X1 & X2
600	-	H1 & H4		

Suffix -4100				
Primary		Connect Incoming Lines To	Secondary	
Voltage	Jumper		Voltage	Connect Load To
240	H1 to H3	H1 & H4	120	XF & X2
230 & 220	H2 to H4			
480	H2 to H3	H1 & H4	115	XF & X2
460			110	
440				

Suffix -4400				
Primary		Connect Incoming Lines To	Secondary	
Voltage	Jumper		Voltage	Connect Load To
208	-	H1 & H2		
240	-	H1 & H3	120	XF & X2
480	-	H1 & H4		

