

SELECTION TABLES

HPS IMPERATOR

Encapsulated Industrial Control Transformer

GROUP A

PRIMARY VOLTAGE:				600	575	550	60 HZ							
SECONDARY VOLTAGE:				120 X 240	115 X 230	110 X 220								
VA Rating	Catalog Number	Mtg. Fig.	Output Amps	Overall Dimensions*			Mounting Centers*		Mounting Slot*	Height with Finger Guard*	Depth with Finger Guard*	Approx. Ship Weight Lbs.*	Opt. Pri. Fuse Kit P/N	
				A	B	C	D	E	G X H					
50	PH50AJ	A	0.42/0.21	3.00 [72.20]	3.81 [96.78]	3.19 [81.03]	2.50 [63.50]	2.25 [57.15]	0.22 x 0.44 [5.59 x 11.18]	4.00 [101.60]	5.25 [133.35]	2.7 [1.3]	PFK1	
75	PH75AJ	A	0.63/0.31	3.25 [82.55]	3.69 [93.73]	3.56 [90.43]	2.63 [66.81]	2.50 [63.50]	0.22 x 0.44 [5.59 x 11.18]	4.37 [111.00]	5.13 [130.31]	2.8 [1.3]	PFK1	
100	PH100AJ	A	0.83/0.42	3.25 [82.55]	4.06 [103.13]	3.63 [92.21]	2.63 [66.81]	2.63 [66.81]	0.22 x 0.44 [5.59 x 11.18]	4.44 [112.78]	5.50 [139.70]	4.1 [1.9]	PFK1	
150	PH150AJ	B	1.25/0.63	4.00 [101.60]	4.63 [117.61]	3.81 [96.78]	3.38 [85.86]	2.75 [69.85]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.13 [155.71]	4.9 [2.3]	PFK2	
250	PH250AJ	B	2.08/1.04	4.50 [114.30]	5.25 [133.35]	3.81 [96.78]	3.75 [95.25]	3.13 [79.51]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.75 [171.45]	7.0 [3.2]	PFK2	
350	PH350AJ	B	2.92/1.46	4.50 [114.30]	4.88 [123.96]	4.44 [112.78]	3.75 [95.25]	3.75 [95.25]	0.22 x 0.75 [5.59 x 19.05]	5.18 [131.58]	6.38 [162.06]	8.3 [3.8]	PFK3	
500	PH500AJ	B	4.17/2.08	4.75 [120.65]	5.56 [141.23]	4.31 [109.48]	4.06 [103.13]	3.44 [87.38]	0.31 x 0.94 [7.88 x 23.88]	5.13 [130.31]	7.06 [179.33]	11.6 [5.3]	PFK3	
750	PH750AJ	B	6.25/3.13	5.13 [130.31]	6.38 [162.06]	4.31 [109.48]	4.38 [111.26]	4.00 [101.60]	0.31 x 0.81 [7.88 x 20.58]	5.13 [130.31]	7.88 [200.16]	16.6 [7.5]	PFK3	
1000	PH1000AJ	B	8.33/4.17	5.25 [133.35]	6.50 [165.10]	4.94 [125.48]	4.50 [114.30]	4.09 [103.89]	0.31 x 0.81 [7.88 x 20.58]	5.56 [141.23]	8.00 [203.20]	21.0 [9.5]	PFK3	
1500	PH1500AJ	B	12.5/6.25	5.25 [133.35]	7.56 [192.03]	4.94 [125.48]	4.50 [114.30]	5.44 [138.18]	0.38 x 1.00 [9.66 x 25.4]	5.56 [141.23]	9.06 [230.13]	30.0 [13.5]	PFK3	

*Secondary fuse clips, fuse clip mounting screws and primary and secondary voltage links/jumpers supplied standard with transformers.

*Dimensions in Inches [mm]
Weight in Lbs. [kg]

Please refer to page 11 for dimensional drawings. Special voltages and VA sizes available upon request.

GROUP B

PRIMARY VOLTAGE:				600	575	550	60 HZ							
SECONDARY VOLTAGE:				12 X 24	11.5 X 23	11 X 22								
VA Rating	Catalog Number	Mtg. Fig.	Output Amps	Overall Dimensions*			Mounting Centers*		Mounting Slot*	Height with Finger Guard*	Depth with Finger Guard*	Approx. Ship Weight Lbs.*	Opt. Pri. Fuse Kit P/N	
				A	B	C	D	E	G X H					
50	PH50AR	A	4.17/2.08	3.00 [76.20]	3.81 [96.78]	3.19 [81.03]	2.50 [63.50]	2.25 [57.15]	0.22 x 0.44 [5.59 x 11.18]	4.00 [101.60]	5.25 [133.35]	2.7 [1.3]	PFK1	
75	PH75AR	A	6.25/3.13	3.25 [82.55]	3.69 [93.73]	3.56 [90.43]	2.63 [66.81]	2.50 [63.50]	0.22 x 0.44 [5.59 x 11.18]	4.37 [111.00]	5.13 [130.31]	2.8 [1.3]	PFK1	
100	PH100AR	A	8.33/4.17	3.25 [82.55]	4.19 [106.43]	3.63 [92.21]	2.63 [66.81]	2.63 [66.81]	0.22 x 0.44 [5.59 x 11.18]	4.50 [114.30]	5.63 [143.01]	4.5 [2.1]	PFK1	
150	PH150AR	B	12.5/6.25	4.00 [101.60]	4.94 [125.48]	3.81 [96.78]	3.38 [85.86]	2.75 [69.85]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.44 [163.58]	5.7 [2.6]	PFK2	
250	PH250AR	B	20.8/10.4	4.50 [114.30]	5.44 [138.18]	3.81 [96.78]	3.75 [95.25]	3.13 [79.51]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.94 [176.28]	7.5 [3.4]	PFK2	
350	PH350AR	B	29.2/14.6	4.50 [114.30]	4.88 [123.96]	4.44 [112.78]	3.75 [95.25]	3.75 [95.25]	0.22 x 0.75 [5.59 x 19.05]	5.18 [131.58]	6.38 [162.06]	8.3 [3.8]	PFK3	
500	PH500AR	B	41.7/20.8	4.75 [120.65]	5.56 [141.23]	4.31 [109.48]	4.06 [103.13]	3.44 [87.38]	0.31 x 0.94 [7.88 x 23.88]	5.13 [130.31]	7.06 [179.33]	11.6 [5.3]	PFK3	

*Secondary fuse clips, fuse clip mounting screws and primary and secondary voltage links/jumpers supplied with transformers. Please refer to page 11 for dimensional drawings. Special voltages and VA sizes available upon request.

*Dimensions in Inches [mm]
Weight in Lbs. [kg]

SELECTION TABLES

HPS IMPERATOR

Encapsulated Industrial Control Transformer

GROUP C

PRIMARY VOLTAGE:				240 X 480	230 X 460	220 X 440	50/60 HZ						
SECONDARY VOLTAGE:				120 X 240	115 X 230	110 X 220							
VA Rating	Catalog Number	Mtg. Fig.	Output Amps	Overall Dimensions*			Mounting Centers*		Mounting Slot*	Height with Finger Guard*	Depth with Finger Guard*	Approx. Ship Weight Lbs.*	Opt. Pri. Fuse Kit P/N
				A	B	C	D	E	G X H				
50	PH50MQMJ	A	0.42/0.21	3.00 [76.20]	4.38 [111.26]	3.19 [81.03]	2.50 [63.50]	2.25 [57.15]	0.22 x 0.44 [5.59 x 11.18]	4.00 [101.60]	5.82 [147.83]	3.5 [1.6]	PFK1
75	PH75MQMJ	A	0.63/0.31	3.25 [82.55]	3.88 [98.56]	3.56 [90.43]	2.63 [66.81]	2.50 [63.50]	0.22 x 0.44 [5.59 x 11.18]	4.37 [111.00]	5.32 [135.13]	3.5 [1.6]	PFK1
100	PH100MQMJ	A	0.83/0.42	3.25 [82.55]	4.19 [106.43]	3.63 [92.21]	2.63 [66.81]	2.63 [66.81]	0.22 x 0.44 [5.59 x 11.18]	4.50 [114.30]	5.63 [143.01]	4.5 [2.1]	PFK1
150	PH150MQMJ	B	1.25/0.63	4.00 [101.60]	4.94 [125.48]	3.81 [96.78]	3.38 [85.86]	2.75 [69.85]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.44 [163.58]	5.7 [2.6]	PFK2
250	PH250MQMJ	B	2.08/1.04	4.50 [114.30]	5.44 [138.18]	3.81 [96.78]	3.75 [95.25]	3.13 [79.51]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.94 [176.28]	7.5 [3.4]	PFK2
350	PH350MQMJ	B	2.92/1.46	4.50 [114.30]	5.19 [131.83]	4.44 [112.78]	3.75 [95.25]	3.75 [95.25]	0.22 x 0.75 [5.59 x 19.05]	5.18 [131.58]	6.69 [169.93]	10.1 [4.6]	PFK3
500	PH500MQMJ	B	4.17/2.08	4.75 [120.65]	5.94 [150.88]	4.31 [109.48]	4.06 [103.13]	3.81 [96.78]	0.31 x 0.94 [7.88 x 23.88]	5.13 [130.31]	7.44 [188.98]	14.2 [6.4]	PFK3
750	PH750MQMJ	B	6.25/3.13	5.13 [130.31]	6.69 [169.93]	4.31 [109.48]	4.38 [111.26]	4.31 [109.48]	0.31 x 0.81 [7.88 x 20.58]	5.13 [130.31]	8.19 [208.03]	16.6 [7.5]	PFK3
1000	PH1000MQMJ	B	8.33/4.17	5.25 [133.35]	6.81 [172.98]	4.94 [125.48]	4.50 [114.30]	4.44 [112.78]	0.31 x 0.81 [7.88 x 20.58]	5.56 [141.23]	8.31 [211.08]	23.6 [10.7]	PFK3
1500	PH1500MQMJ	B	12.5/6.25	5.25 [133.35]	8.19 [208.03]	4.94 [125.48]	4.50 [114.30]	6.06 [153.93]	0.38 x 1.00 [9.66 x 25.4]	5.56 [141.23]	9.69 [246.13]	32.0 [14.4]	PFK3

*Secondary fuse clips, fuse clip mounting screws and primary and secondary voltage links/jumpers supplied standard with transformers.

*Dimensions in Inches [mm]
Weight in Lbs. [kg]

Please refer to page 11 for dimensional drawings. Special voltages and VA sizes available upon request.

GROUP D

PRIMARY VOLTAGE:				240 X 480	230 X 460	220 X 440	50/60 HZ						
SECONDARY VOLTAGE:				12 X 24	11.5 X 23	11 X 22							
VA Rating	Catalog Number	Mtg. Fig.	Output Amps	Overall Dimensions*			Mounting Centers*		Mounting Slot*	Height with Finger Guard*	Depth with Finger Guard*	Approx. Ship Weight Lbs.*	Opt. Pri. Fuse Kit P/N
				A	B	C	D	E	G X H				
50	PH50QR	A	4.17/2.08	3.00 [76.20]	4.38 [111.26]	3.19 [81.03]	2.50 [63.50]	2.25 [57.15]	0.22 x 0.44 [5.59 x 11.18]	4.00 [101.60]	5.82 [147.83]	3.5 [1.6]	PFK1
75	PH75QR	A	6.25/3.13	3.25 [82.55]	3.88 [98.56]	3.56 [90.43]	2.63 [66.81]	2.50 [63.50]	0.22 x 0.44 [5.59 x 11.18]	4.37 [111.00]	5.32 [135.13]	3.5 [1.6]	PFK1
100	PH100QR	A	8.33/4.17	3.25 [82.55]	4.19 [106.43]	3.63 [92.21]	2.63 [66.81]	2.63 [66.81]	0.22 x 0.44 [5.59 x 11.18]	4.44 [112.78]	5.63 [143.01]	4.5 [2.1]	PFK1
150	PH150QR	B	12.5/6.25	4.00 [101.60]	4.94 [125.48]	3.81 [96.78]	3.38 [85.86]	2.75 [69.85]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.44 [163.58]	5.7 [2.6]	PFK2
250	PH250QR	B	20.8/10.4	4.50 [114.30]	5.44 [138.18]	3.81 [96.78]	3.75 [95.25]	3.13 [79.51]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.94 [176.28]	7.5 [3.4]	PFK2
350	PH350QR	B	29.2/14.6	4.50 [114.30]	5.19 [131.83]	4.44 [112.78]	3.75 [95.25]	3.75 [95.25]	0.22 x 0.75 [5.59 x 19.05]	5.18 [131.58]	6.69 [169.93]	10.1 [4.6]	PFK3
500	PH500QR	B	41.7/20.8	4.75 [120.65]	5.94 [150.88]	4.31 [109.48]	4.06 [103.13]	3.81 [96.78]	0.31 x 0.94 [7.88 x 23.88]	5.13 [130.31]	7.44 [188.98]	14.2 [6.4]	PFK3

*Secondary fuse clips, fuse clip mounting screws and primary and secondary voltage links/jumpers supplied with transformers.
Please refer to page 11 for dimensional drawings. Special voltages and VA sizes available upon request.

*Dimensions in Inches [mm]
Weight in Lbs. [kg]

SELECTION TABLES

HPS IMPERATOR

Encapsulated Industrial Control Transformer

GROUP E

PRIMARY VOLTAGE: **208 X 416** 200 X 400 190 X 380 50/60 HZ
 SECONDARY VOLTAGE: **120 X 240** 115 X 230 110 X 220

VA Rating	Catalog Number	Mtg. Fig.	Output Amps	Overall Dimensions*			Mounting Centers*		Mounting Slot*	Height with Finger Guard*	Depth with Finger Guard*	Approx. Ship Weight Lbs.*	Opt. Pri. Fuse Kit P/N
				A	B	C	D	E	G X H				
50	PH50SP	A	0.42/0.21	3.00 [76.20]	4.38 [111.26]	3.19 [81.03]	2.50 [63.50]	2.25 [57.15]	0.22 x 0.44 [5.59 x 11.18]	4.00 [101.60]	5.82 [147.83]	3.5 [1.6]	PFK1
75	PH75SP	A	0.63/0.31	3.25 [82.55]	3.88 [98.56]	3.56 [90.43]	2.63 [66.81]	2.50 [63.50]	0.22 x 0.44 [5.59 x 11.18]	4.37 [111.00]	5.32 [135.13]	3.5 [1.6]	PFK1
100	PH100SP	A	0.83/0.42	3.25 [82.55]	4.19 [106.43]	3.63 [92.21]	2.63 [66.81]	2.63 [66.81]	0.22 x 0.44 [5.59 x 11.18]	4.50 [114.30]	5.63 [143.01]	4.5 [2.1]	PFK1
150	PH150SP	B	1.25/0.63	4.00 [101.60]	4.94 [125.48]	3.81 [96.78]	3.38 [85.86]	2.75 [69.85]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.44 [163.58]	5.7 [2.6]	PFK2
250	PH250SP	B	2.08/1.04	4.50 [114.30]	5.44 [138.18]	3.81 [96.78]	3.75 [95.25]	3.13 [79.51]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.94 [176.28]	7.5 [3.4]	PFK2
350	PH350SP	B	2.92/1.46	4.50 [114.30]	5.19 [131.83]	4.44 [112.78]	3.75 [95.25]	3.75 [95.25]	0.22 x 0.75 [5.59 x 19.05]	5.18 [131.58]	6.69 [169.93]	10.1 [4.6]	PFK3
500	PH500SP	B	4.17/2.08	4.75 [120.65]	5.94 [150.88]	4.31 [109.48]	4.06 [103.13]	3.81 [96.78]	0.31 x 0.94 [7.88 x 23.88]	5.13 [130.31]	7.44 [188.98]	14.2 [6.4]	PFK3
750	PH750SP	B	6.25/3.13	5.13 [130.31]	6.69 [169.93]	4.31 [109.48]	4.38 [111.26]	4.31 [109.48]	0.31 x 0.81 [7.88 x 20.58]	5.01 [127.34]	8.19 [208.03]	16.6 [7.5]	PFK3
1000	PH1000SP	B	8.33/4.17	5.25 [133.35]	6.81 [172.98]	4.94 [125.48]	4.50 [114.30]	4.44 [112.78]	0.31 x 0.81 [7.88 x 20.58]	5.56 [141.23]	8.31 [211.08]	23.6 [10.7]	PFK3

*Secondary fuse clips, fuse clip mounting screws and primary and secondary voltage links/jumpers supplied standard with transformers.

*Dimensions in Inches [mm]
Weight in Lbs. [kg]

Please refer to page 11 for dimensional drawings. Special voltages and VA sizes available upon request.

GROUP F

PRIMARY VOLTAGE: **120 X 240** 115 X 230 110 X 220 50/60 HZ
 SECONDARY VOLTAGE: **120 X 240** 115 X 230 110 X 220

VA Rating	Catalog Number	Mtg. Fig.	Output Amps	Overall Dimensions*			Mounting Centers*		Mounting Slot*	Height with Finger Guard*	Depth with Finger Guard*	Approx. Ship Weight Lbs.*	Opt. Pri. Fuse Kit P/N
				A	B	C	D	E	G X H				
50	PH50PP	A	0.42/0.21	3.00 [76.20]	4.38 [111.26]	3.19 [81.03]	2.50 [63.50]	2.25 [57.15]	0.22 x 0.44 [5.59 x 11.18]	4.00 [101.60]	5.82 [147.83]	3.5 [1.6]	PFK1
75	PH75PP	A	0.63/0.31	3.25 [82.55]	3.88 [98.56]	3.56 [90.43]	2.63 [66.81]	2.50 [63.50]	0.22 x 0.44 [5.59 x 11.18]	4.37 [111.00]	5.32 [135.13]	3.5 [1.6]	PFK1
100	PH100PP	A	0.83/0.42	3.25 [82.55]	4.19 [106.43]	3.63 [92.21]	2.63 [66.81]	2.63 [66.81]	0.22 x 0.44 [5.59 x 11.18]	4.50 [114.30]	5.63 [143.01]	4.5 [2.1]	PFK1
150	PH150PP	B	1.25/0.63	4.00 [101.60]	4.94 [125.48]	3.81 [96.78]	3.38 [85.86]	2.75 [69.85]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.44 [163.58]	5.7 [2.6]	PFK2
250	PH250PP	B	2.08/1.04	4.50 [114.30]	5.44 [138.18]	3.81 [96.78]	3.75 [95.25]	3.13 [79.51]	0.22 x 0.75 [5.59 x 19.05]	4.50 [114.30]	6.94 [176.28]	7.5 [3.4]	PFK2
350	PH350PP	B	2.92/1.46	4.50 [114.30]	5.19 [131.83]	4.44 [112.78]	3.75 [95.25]	3.75 [95.25]	0.22 x 0.75 [5.59 x 19.05]	5.18 [131.58]	6.69 [169.93]	10.1 [4.6]	PFK3
500	PH500PP	B	4.17/2.08	4.75 [120.65]	5.94 [150.88]	4.31 [109.48]	4.06 [103.13]	3.81 [96.78]	0.31 x 0.94 [7.88 x 23.88]	5.13 [130.31]	7.44 [188.98]	14.2 [6.4]	PFK3
750	PH750PP	B	6.25/3.13	5.13 [130.31]	6.69 [169.93]	4.31 [109.48]	4.38 [111.26]	4.31 [109.48]	0.31 x 0.81 [7.88 x 20.58]	5.13 [130.31]	8.19 [208.03]	16.6 [7.5]	PFK3
1000	PH1000PP	B	8.33/4.17	5.25 [133.35]	6.81 [172.98]	4.94 [125.48]	4.50 [114.30]	4.44 [112.78]	0.31 x 0.81 [7.88 x 20.58]	5.56 [141.23]	8.31 [211.08]	23.6 [10.7]	PFK3
1500	PH1500PP	B	12.5/6.25	5.25 [133.35]	8.19 [208.03]	4.94 [125.48]	4.50 [114.30]	6.06 [153.93]	0.38 x 1.0 [9.66 x 25.4]	5.56 [141.23]	9.69 [246.13]	32.0 [14.4]	PFK3

*Secondary fuse clips, fuse clip mounting screws and primary and secondary voltage links/jumpers supplied with transformers. Please refer to page 11 for dimensional drawings. Special voltages and VA sizes available upon request.

*Dimensions in Inches [mm]
Weight in Lbs. [kg]