

SECTION 8

HPS TITAN INDUSTRIAL ENCAPSULATED TRANSFORMERS

SINGLE PHASE, NEMA 3R STYLE ENCLOSURE



208/240/277 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Page 242-249)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 254-264)
			Width	Depth	Height			
5	Q005YEKF	NQ5	10.00	7.75	17.25	138	W	SCD 18
7.5	Q007YEKF	NQ5	10.00	7.75	17.25	156	W	SCD 6
10	Q010YEKF	NQ6	12.25	9.25	20.88	215	W	SCD 6
15	Q015YEKF	NQ7	14.50	10.75	21.38	325	W	Consult Factory
25	Q025YEKF	NQ8	14.50	10.75	27.38	475	W	Consult Factory
37.5	Q037YEKF	NQS10	21.88	18.50	31.00	690	W or F	Consult Factory

For shielded units up to 0.50 kVA, replace the suffix "CB" with a "KB".

347/380 Primary Volts

120/240 Secondary Volts

50/60 Hz

kVA	Catalog Number	Case Style (Page 242-249)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 254-264)
			Width	Depth	Height			
5	Q005FEKF	NQ5	10.00	7.75	17.25	105	W	SCD 33
7.5	Q007FEKF	NQ6	10.00	7.75	17.25	145	W	SCD 5
10	Q010FEKF	NQ6	12.25	9.25	20.88	155	W	SCD 5
15	Q015FEKF	NQ7	14.50	10.75	21.38	315	W	Consult Factory
25	Q025FEKF	NQ8	14.50	10.75	27.38	465	W	Consult Factory
37.5	Q037FEKF	NQS10	21.88	18.50	31.00	688	W or F	Consult Factory

For shielded units up to 0.50 kVA, replace the suffix "CB" with a "KB".

240 X 480 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Page 242-249)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 254-264)
			Width	Depth	Height			
5	Q005LEKF	NQ5	10.00	7.75	17.25	132	W	SCD 1
7.5	Q007LEKF	NQ5	10.00	7.75	17.25	152	W	SCD 2
10	Q010LEKF	NQ6	12.25	9.25	20.88	212	W	SCD 2
15	Q015LEKF	NQ6	12.25	9.25	20.88	232	W	SCD 2
25	Q025LEKF	NQ7	14.50	10.75	21.38	340	W	SCD 2
37.5	Q037LEKF	NQ8	14.50	10.75	27.38	478	W	SCD 2

For shielded units up to 0.50 kVA, replace the suffix "CB" with a "KB".

600 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Page 242-249)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 254-264)
			Width	Depth	Height			
5	Q005PEKF	NQ5	10.00	7.75	17.25	114	W	SCD 4
7.5	Q007PEKF	NQ5	10.00	7.75	17.25	129	W	SCD 6
10	Q010PEKF	NQ6	12.25	9.25	20.88	197	W	SCD 6
15	Q015PEKF	NQ6	12.25	9.25	20.88	234	W	SCD 6
25	Q025PEKF	NQ7	14.50	10.75	21.38	285	W	SCD 6
37.5	Q037PEKF	NQ8	14.50	10.75	27.38	454	W	SCD 6

For shielded units up to 0.50 kVA, replace the suffix "CB" with a "KB".

Export Model

190/200/208/220 X 380/400/415/440 Primary Volts

120/240 Secondary Volts

50/60 Hz

kVA	Catalog Number	Case Style (Page 242-249)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 254-264)
			Width	Depth	Height			
5	Q005XEKF	NQ5	10.00	7.75	17.25	140	W	SCD 28
7.5	Q007XEKF	NQ6	12.25	9.25	20.88	189	W	SCD 28
10	Q010XEKF	NQ6	12.25	9.25	20.88	222	W	SCD 28
15	Q015XEKF	NQ7	14.50	10.75	21.38	330	W	Consult Factory
25	Q025XEKF	NQ8	14.50	10.75	27.38	488	W	Consult Factory
37.5	Q037XEKF	NQS10	21.88	18.50	31.00	695	W or F	Consult Factory

For shielded units up to 0.50 kVA, replace the suffix "CB" with a "KB".

The above export model units carry the CE Mark.

FOR TERMINATION DETAILS SEE PAGE 265.

FOR ACCESSORIES SEE PAGES 250-253.



GENERAL INFORMATION

ELECTRICAL SCHEMATICS AND CONNECTION DIAGRAMS

SCD 28

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	440	H1, H10	H5-H6
	416	H1, H9	H4-H6
	400	H1, H8	H3-H6
	380	H1, H7	H2-H6
	220	H1, H10	H1-H6, H5-H10
	208	H1, H9	H1-H6, H4-H9
	200	H1, H8	H1-H6, H3-H8
	190	H1, H7	H1-H6, H2-H7
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X4	X2-X3
	120/240	X1, X2, X4	X2-X3
	120	X1, X4	X2-X4, X1-X3

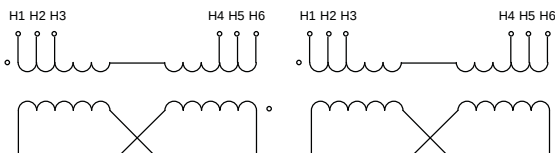
SCD 29

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	630 504	H1, H2, H3	1-2
	615 492	H1, H2, H3	2-3
	600 480	H1, H2, H3	3-4
	585 468	H1, H2, H3	4-5
	570 456	H1, H2, H3	5-6
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X2, X3	

SCD 30

SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	440	H1, H4	1-H2, 2-H3, H2-H3
	416	H1, H4	3-H2, 4-H3, H2-H3
	400	H1, H4	5-H2, 6-H3, H2-H3
	380	H1, H4	7-H2, 8-H3, H2-H3
	220	H1, H4	1-H2, 2-H3, H1-H3, H2-H4
	208	H1, H4	3-H2, 4-H3, H1-H3, H2-H4
	200	H1, H4	5-H2, 6-H3, H1-H3, H2-H4
	190	H1, H4	7-H2, 8-H3, H1-H3, H2-H4
	Secondary Volts	Connect lines to	Inter-connect
	240	X1, X4	X2- X3
	120	X1, X2	X2-X4, X1-X3
	120/240	X1, X2, X4	X2-X3

SCD 31

SCHEMATIC		CONNECTIONS						
		Primary Volts			Connect lines to		Inter-connect	
		218	291	437	504	630	H1, H6	-
		213	284	426	492	615	H1, H5	-
		208	277	416	480	600	H2, H5	-
		203	270	406	468	585	H2, H4	-
		198	263	395	456	570	H3, H4	-
		Secondary Volts			Connect lines to		Inter-connect	
240			X1, X4		X2-X3			
120/240			X1, X2, X4		X2-X3			
120			X1, X2		X2-X4, X1-X3			