SECTION 8

ENCAPSULATED DISTRIBUTION TRANSFORMERS

Commercial & Industrial
Single Phase and Three Phase

HPS FORTRESS™ Commercial Encapsulated Transformers

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HPS TITAN® Industrial Encapsulated Transformers

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HPS FORTRESS Features

HPS Fortress is an innovative design that provides the ideal solution for commercial applications where **quality, ease of installation, and low cost** are key.

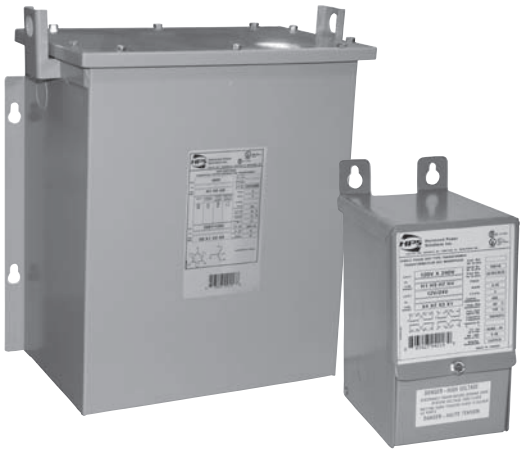
All units are encapsulated with electrical grade silica sand and resin compounds, which completely enclose the core and coil to seal out moisture, airborne contaminants and eliminates corrosion and deterioration.

STANDARD FEATURES

Features	Single Phase	Three Phase
Voltage Groups	9 standard voltage groups	8 standard voltage groups
Ratings	From 50VA to 37.5kVA	From 2kVA to 75kVA
Shield	Standard shield from 750VA and up	Standard shield on all units
Frequency	60 Hz (50Hz standard on four voltage groups)	60Hz standard on all voltage groups
Connection	Standard via copper leads	
Enclosure	NEMA 3R	NEMA 3R (NEMA 4/12 with optional gasket kit installed)
Quality Design	All units are encapsulated with electrical grade silica sand and resin compounds, which completely enclose the core and coil to seal out moisture, airborne contaminants and eliminates corrosion and deterioration.	
Conduit Knockouts	For rear and side entry into an easily accessible and roomy wiring compartment.	
Installation	Wall mounting up to 25kVA, optional wall mounting bracket available on 37.5kVA. Wall mounting template supplied.	Wall mounting up to 9kVA, optional wall mounting bracket available on 15kVA, 30kVA and 45kVA. Wall mounting template supplied.
Warranty	All HPS standard catalog encapsulated transformers come with a 10 year limited* warranty	

*(Please refer to the HPS Warranty on page 28 for full details.)

Inexpensive & easy



APPLICATIONS

- Shopping Centers
- Schools
- Sports Complexes
- Office Buildings
- Lighting

FOR ACCESSORIES SEE PAGES 264-267.

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HPS TITAN® Applications

HPS has over 85 years of experience in the design and manufacture of dry-type transformers including those for harsh environments and hazardous location applications.

The terms “Harsh Environments” and “Hazardous Location” in many industries brings to the forefront the many difficult environments which may contain dangerous gases, liquids, dust, etc., that could lead to serious consequences. Products which are designed to operate in these hazardous environmental conditions must be safe, reliable and affordable.

HPS is the leader in the industry by our investment in providing a complete solution.

- **Advanced Encapsulated Harsh Environment and Hazardous Location Transformer Designs**
- **Standard Features Expected in the Industry**
- **Superior Quality in Materials and Workmanship**
- **Options and Accessories that Enhance the Product Line**
- **Value, Customer Service and Support**

The **HPS TITAN** line of encapsulated transformers have been designed for installation where safety is your priority, efficiency is a concern and the environment, location and application are key. Typical applications include institutional, industrial, petrochemical, marine, mining etc. HPS designs provide:

- **Safe Superior Performance**
- **Compact Efficient Design**
- **Easy Installation and Hook-up**

HPS TITAN series transformers are ***UL Listed*** for **“Class 1, Division 2, Groups A, B, C and D Hazardous Locations”** and are ***ABS Type Approved*** for “**Marine Duty Service and Offshore Applications - Electrical Distribution and Propulsion”**. A North American Temperature Classification of **T3C**, the **HPS TITAN** series will remain cool under load.

The **HPS TITAN** series of products are competitively priced for the rugged industrial and indoor and outdoor distribution transformer applications. HPS facilities have the most modern testing equipment for the requirements of ANSI, OSHA, UL, CSA, IEC, NEMA, ABS, DNV, BV, CE, etc.

Hammond Power Solutions . . . helping customers solve tough applications in today’s environments!

For accessories see pages 264-267.

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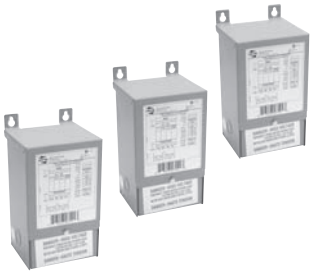
HPS TITAN® Features and Benefits

- **Ratings:** Single phase from 0.50 kVA thru to 37.5 kVA; three phase from 2 kVA thru to 150 kVA
- **Approvals:** UL 1604 - File No. E258346 (**Class 1, Division 2, Groups A, B, C and D Hazardous Locations**)
  ABS Type Approval - Certificate No. 04-HS435190/1-PDA (Marine Duty Service and Offshore Applications)
- **Electrostatic Shield:** Standard on single phase units over 0.50 kVA and all three phase units; provides quality power and superior protection.
- **Quality Design:** All units are encapsulated with electrical grade silica sand and resin compounds which completely enclose the core and coil to seal out moisture, airborne contaminants and eliminates corrosion and deterioration.
- **Insulation:** Offering UL class 130°C insulation, 80°C temperature rise up to 1 kVA on single phase and 5 kVA on three phase; 180°C insulation, 115°C temperature rise on all single phase units over 1 kVA and 5 kVA three phase units. Quiet operation with sound levels below NEMA standards.
- **Enclosures:** NEMA 3R enclosures meet or exceed listing criteria including NEMA, ANSI, ABS and OSHA standards for indoor and outdoor service. On three phase units, convert to a NEMA 4 or 12 enclosure rating quickly and easily by ordering the HPS NEMA 4/12 Gasket Kit.
  Competitively priced stainless steel enclosures with stainless steel nameplates are also available.
- **Conduit knockouts:** Rear and side entry into an easily accessible and roomy wiring compartment.
- **Wiring compartment:** Provides copper lead wire terminations or copper tab and standard ground lug assembly for easy cable installation.
- **Installation made quick and easy:** Via keyhole mounting slots. Wall mounting available on all single phase units and three phase from 2 kVA to 15 kVA (excluding Q015QKKF). Lifting provisions are standard on single phase from 5 to 37.5 kVA and three phase units from 6 to 150 kVA.
- **Dual Nameplates:** All three phase units come standard with two nameplates. One on the front and an additional nameplate is located on the inside of the top cover. (1ph units have one standard nameplate only.)
- **Additional voltage groups and kVA sizes** are available upon request.
- **Warranty:** All HPS standard catalog encapsulated transformers come with a 10 year limited* warranty. *(Please refer to the Hammond Power Solutions "standard Catalog Transformer Products Warranty for details)

HPS TITAN
Single Phase



HPS TITAN
Three Phase

For accessories see pages 264-267.

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HPS TITAN® TRANSFORMERS FOR HARSH ENVIRONMENTS AND HAZARDOUS LOCATIONS

SINGLE PHASE STANDARD SPECIFICATIONS

0.50 TO 1 KVA

1.5 TO 37.5 KVA

	0.50 kVA to 1 kVA	1.5 kVA to 37.5 kVA
UL 1604, Class I, Division 2	File: E258346	File: E258346
ABS Type Approval (RQS)	Certificate No.: 04-HS435190/1-PDA	Certificate No.: 04-HS435190/1-PDA
Frequency	60 Hz (50/60 Hz on units with 380V primary)	60 Hz (50/60 Hz on units with 380V primary)
Insulation System	130°C (80°C rise) standard on all units.	180°C (115°C rise) standard on all units. Optional 130°C (80°C rise) available.
Electrostatic Shield	Optional on 0.50 kVA. Standard on 0.75 kVA and 1 kVA.	Standard on all units.
Encapsulation	All units are encapsulated with electrical grade silica sand and resin compounds.	All units are encapsulated with electrical grade silica sand and resin compounds.
Enclosure Type	Heavy Duty NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12	Heavy Duty NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Termination	Front accessible separate high and low voltage lead wires or copper tabs.	Front accessible separate high and low voltage lead wires or copper tabs.
Conduit Knock-Outs	Standard side and rear knock-outs on all units.	Standard side and rear knock-outs on all units.
Impedance	Typically 5 to 10% on 0.50 kVA. Typically 1 to 5% on 0.75 kVA and 1 kVA	Typically 1 to 5%.
Mounting	Standard Wall Mounting Lifting provisions standard on all units.	Standard Wall Mounting Lifting provisions standard on units.
Sound Level	Meets NEMA ST-20 standards. (Optional low noise units available on request)	Meets NEMA ST-20 standards. (Optional low noise units available on request)

Other voltages and kVA ratings not listed in this section are available upon request. Please contact customer service for details, price and availability.

All HPS TITAN single phase transformers are UL Listed for "Class 1, Division 2, Groups A, B, C and D Hazardous Locations" and are ABS Type Approved for "Marine Duty Service and Offshore Applications - Electrical Distribution and Propulsion". And with a North American Temperature Classification of T3C, the HPS TITAN series will remain cool under load.

FOR ACCESSORIES SEE PAGES 264-267.

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SINGLE PHASE, NEMA 3R STYLE ENCLOSURE

c UL us LISTED

208/240/277 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
0.50	**QC50YECB**	NQ2	5.00	4.75	9.25	19	W	SCD 18
0.75	**QC75YEKB**	NQ2	5.00	4.75	9.25	21	W	SCD 18
1	**Q1C0YEKB**	NQ3	5.88	5.50	10.00	28	W	SCD 18
1.5	**Q1C5YEKF**	NQ3	5.88	5.50	10.00	36	W	SCD 18
2	**Q002YEKF**	NQ4	7.00	6.50	11.25	44	W	SCD 18
3	**Q003YEKF**	NQ4	7.00	6.50	11.25	56	W	SCD 18
5	**Q005YEKF**	NQ5	10.00	7.75	17.25	134	W	SCD 6
7.5	**Q007YEKF**	NQ5	10.00	7.75	17.25	160	W	SCD 6
10	**Q010YEKF**	NQ6	12.25	9.25	20.88	204	W	SCD 6
15	**Q015YEKF**	NQ6	12.25	9.25	20.88	248	W	SCD 6
25	**Q025YEKF**	NQ7	14.50	10.75	21.38	345	W	SCD 6
37.5	**Q037YEKF**	NQ8	14.50	10.75	27.38	476	W	SCD 6

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

347/380 Primary Volts CE 120/240 Secondary Volts 50/60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
0.50	**QC50FECB**	NQ2	5.00	4.75	9.25	18	W	SCD 33
0.75	**QC75FEKB**	NQ2	5.00	4.75	9.25	20	W	SCD 33
1	**Q1C0FEKB**	NQ3	5.88	5.50	10.00	26	W	SCD 33
1.5	**Q1C5FEKF**	NQ3	5.88	5.50	10.00	36	W	SCD 33
2	**Q002FEKF**	NQ4	7.00	6.50	11.25	55	W	SCD 33
3	**Q003FEKF**	NQ5	7.00	6.50	11.25	88	W	SCD 44
5	**Q005FEKF**	NQ5	7.00	6.50	11.25	130	W	SCD 44
7.5	**Q007FEKF**	NQ6	10.00	7.75	17.25	145	W	SCD 44
10	**Q010FEKF**	NQ6	10.00	7.75	17.25	155	W	SCD 44
15	**Q015FEKF**	NQ6	12.25	9.25	20.88	248	W	SCD 44
25	**Q025FEKF**	NQ7	14.50	10.75	21.38	345	W	SCD 44
37.5	**Q037FEKF**	NQ8	14.50	10.75	27.38	476	W	SCD 48

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

240 X 480 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
0.50	**QC50LECB**	NQ2	5.00	4.75	9.25	23	W	SCD 1
0.75	**QC75LEKB**	NQ2	5.00	4.75	9.25	24	W	SCD 1
1	**Q1C0LEKB**	NQ3	5.88	5.50	10.00	28	W	SCD 1
1.5	**Q1C5LEKF**	NQ3	5.88	5.50	10.00	35	W	SCD 1
2	**Q002LEKF**	NQ4	7.00	6.50	11.25	47	W	SCD 1
3	**Q003LEKF**	NQ4	7.00	6.50	11.25	62	W	SCD 1
5	**Q005LEKF**	NQ5	10.00	7.75	17.25	131	W	SCD 1
7.5	**Q007LEKF**	NQ5	10.00	7.75	17.25	155	W	SCD 2
10	**Q010LEKF**	NQ6	12.25	9.25	20.88	220	W	SCD 2
15	**Q015LEKF**	NQ6	12.25	9.25	20.88	248	W	SCD 2
25	**Q025LEKF**	NQ7	14.50	10.75	21.38	345	W	SCD 2
37.5	**Q037LEKF**	NQ8	14.50	10.75	27.38	476	W	SCD 2

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

FOR ACCESSORIES SEE PAGES 264-267.

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c UL us LISTED

600 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
0.50	**QC50PECB**	NQ2	5.00	4.75	9.25	15	W	SCD 4
0.75	**QC75PEKB**	NQ2	5.00	4.75	9.25	18	W	SCD 4
1	**Q1C0PEKB**	NQ3	5.88	5.50	10.00	27	W	SCD 4
1.5	**Q1C5PEKF**	NQ3	5.88	5.50	10.00	31	W	SCD 4
2	**Q002PEKF**	NQ4	7.00	6.50	11.25	40	W	SCD 4
3	**Q003PEKF**	NQ4	7.00	6.50	11.25	52	W	SCD 4
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 5
10	**Q010PEKF**	NQ6	12.25	9.25	20.88	197	W	SCD 5
15	**Q015PEKF**	NQ6	12.25	9.25	20.88	234	W	SCD 5
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 0.50 kVA units, replace the suffix "CB" with a "KB".

SECTION 8

Export Model CE

190/200/208/220/240[1] X 380/400/415/440/480[1] Primary Volts 120/240 Secondary Volts 50/60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
0.50	**QC50XECB**	NQ2	5.00	4.75	9.25	15	W	SCD 28
0.75	**QC75XEKB**	NQ2	5.00	4.75	9.25	20	W	SCD 28
1	**Q1C0XEKB**	NQ3	5.88	5.50	10.00	32	W	SCD 28
1.5	**Q1C5XEKF**	NQ3	5.88	5.50	10.00	35	W	SCD 28
2	**Q002XEKF**	NQ4	7.00	6.50	11.25	54	W	SCD 28
3	**Q003XEKF**	NQ4	7.00	6.50	11.25	65	W	SCD 2
5	**Q005XEKF**	NQ5	10.00	7.75	17.25	138	W	SCD 2
7.5	**Q007XEKF**	NQ6	12.25	9.25	20.88	189	W	SCD 2
10	**Q010XEKF**	NQ6	12.25	9.25	20.88	222	W	SCD 2
15	**Q015XEKF**	NQ7	14.5	10.75	21.38	300	W	SCD 2
25	**Q025XEKF**				**CONSULT FACTORY**			
37.5	**Q037XEKF**				**CONSULT FACTORY**			

For shielded 0.50 kVA units, replace the suffix "CB" with a "KB". ***The above export model units carry the CE Mark.***

Note [1]: The primary voltage ratio of 240 or 480 is available at 60Hz only with a secondary voltage of approximately 130/262V.

For accessories see pages 264-267.

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HPS TITAN TRANSFORMERS FOR HARSH ENVIRONMENTS AND HAZARDOUS LOCATIONS

THREE PHASE STANDARD SPECIFICATIONS

2 TO 5 KVA

6 TO 150 KVA

	2 kVA to 5 kVA	6 kVA to 150 kVA
UL 1604, Class I, Division 2	File: E258346	File: E258346
ABS Type Approval (RQS)	Certificate No.: 04-HS435190/1-PDA	Certificate No.: 04-HS435190/1-PDA
Frequency	60 Hz (50/60 Hz on units with 380V primary)	60 Hz (50/60 Hz on units with 380V primary)
Insulation System	130°C (80°C rise) standard on all units.	180°C (115°C rise) standard on all units. Optional 130°C (80°C rise) available.
Electrostatic Shield	Standard on all units.	Standard on all units.
Encapsulation	All units are encapsulated with electrical grade silica sand and resin compounds.	All units are encapsulated with electrical grade silica sand and resin compounds.
Enclosure Type	Heavy Duty NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12	Heavy Duty NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Termination	Top accessible separate high and low voltage lead wires or copper tabs.	Top accessible separate high and low voltage lead wires or copper tabs.
Conduit Knock-Outs	Standard side and rear knock-outs on all units.	Standard side and rear knock-outs on all units.
Impedance	Typically 1 to 5%.	Typically 1 to 5%.
Mounting	Standard Wall Mounting.	Standard Wall Mounting up to 15 kVA (Optional wall mounting kit available for 30 kVA and 45 kVA). Floor Mount only over 45 kVA. Lifting provisions standard 6 kVA to 150 kVA.
Sound Level	Meets NEMA ST-20 standards. (Optional low noise units available on request)	Meets NEMA ST-20 standards. (Optional low noise units available on request)

Other voltages and kVA ratings not listed in this section are available upon request. Please contact customer service for details, price and availability.

All HPS TITAN three phase transformers are UL Listed for "Class 1, Division 2, Groups A, B, C and D Hazardous Locations" and are ABS Type Approved for "Marine Duty Service and Offshore Applications - Electrical Distribution and Propulsion". And with a North American Temperature Classification of T3C, the HPS TITAN series will remain cool under load.

FOR ACCESSORIES SEE PAGES 264-267.

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THREE PHASE, NEMA 3R STYLE ENCLOSURE

c UL us LISTED

480 Delta Primary Volts 208Y/120 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
2	**P002KBKB**	NQT3	12.38	5.44	12.39	49	W	SCD 8
3	**P003KBKB**	NQT3	12.38	5.44	12.39	86	W	SCD 8
6	**P006KBKF**	NQT4	15.19	6.94	16.39	160	W	SCD 8
9	**P009KBKF**	NQT5	16.63	10.25	17.89	262	W	SCD 8
15	**P015KBKF**	NQT6	19.25	10.44	17.89	304	W	SCD 7
30	**P030KBKF**	NQT7	20.25	13.00	23.38	478	F or W*	SCD 19
45	**P045KBKF**	NQT8	22.25	13.00	28.38	642	F or W*	SCD 19
75	**P075KBKF**	NQT9	31.25	16.00	29.88	1450	F	SCD 19
112.5	**P112KBKF**	NQT10	38.44	26.00	39.13	2100	F	SCD 19
150	**P150KBKF**	NQT11	37.38	30.00	45.63	2650	F	SCD 19

*Optional wall mounting kit required. Refer to page 266 for details.

480 Delta Primary Volts 240 Delta Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
2	**P002KDKB**	NQT3	12.38	5.44	12.39	52	W	SCD 12
3	**P003KDKB**	NQT3	12.38	5.44	12.39	68	W	SCD 12
6	**P006KDKF**	NQT4	15.19	6.94	16.39	182	W	SCD 12
9	**P009KDKF**	NQT5	16.63	10.25	17.89	250	W	SCD 37
15	**P015KDKF**	NQT6	19.25	10.44	17.89	312	W	SCD 37
30	**P030KDKF**	NQT7	20.25	13.00	23.38	540	F or W*	SCD 38
45	**P045KDKF**	NQT8	22.25	13.00	28.38	650	F or W*	SCD 38
75	**P075KDKF**	NQT9	31.25	16.00	29.88	1230	F	SCD 38
112.5	**P112KDKF**	NQT10	38.44	26.00	39.13	2100	F	SCD 38
150	**P150KDKF**	NQT11	37.38	30.00	45.63	2650	F	SCD 38

*Optional wall mounting kit required. Refer to page 266 for details.

600 Delta Primary Volts 208Y/120 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
2	**P002PBKB**	NQT3	12.38	5.44	12.39	85	W	SCD 8
3	**P003PBKB**	NQT3	12.38	5.44	12.39	94	W	SCD 8
6	**P006PBKF**	NQT4	15.19	6.94	16.39	146	W	SCD 8
9	**P009PBKF**	NQT5	16.63	10.25	17.89	211	W	SCD 9
15	**P015PBKF**	NQT6	19.25	10.44	17.89	340	W	SCD 9
30	**P030PBKF**	NQT7	20.25	13.00	23.38	605	F or W*	SCD 9
45	**P045PBKF**	NQT8	22.25	13.00	28.38	770	F or W*	SCD 9
75	**P075PBKF**	NQT9	31.25	16.00	29.88	1350	F	SCD 9
112.5	**P112PBKF**	NQT10	38.44	26.00	39.13	3150	F	SCD 9
150	**P150PBKF**	NQT11	37.38	30.00	45.63	3200	F	SCD 9

*Optional wall mounting kit required. Refer to page 266 for details.

For accessories see pages 264-267.

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THREE PHASE, NEMA 3R STYLE ENCLOSURE

c UL us LISTED

600 Wye Primary Volts 240 Delta Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
2	**P002PDKB**	NQT3	12.38	5.44	12.39	51	W	SCD 27
3	**P003PDKB**	NQT3	12.38	5.44	12.39	68	W	SCD 27
6	**P006PDKF**	NQT4	15.19	6.94	16.39	146	W	SCD 27
9	**P009PDKF**	NQT5	16.63	10.25	17.89	211	W	SCD 29
15	**P015PDKF**	NQT6	19.25	10.44	17.89	270	W	SCD 29
30	**P030PDKF**	NQT7	20.25	13.00	23.38	515	F or W*	SCD 16
45	**P045PDKF**	NQT8	22.25	13.00	28.38	740	F or W*	SCD 16
75	**P075PDKF**	NQT9	31.25	16.00	29.88	CF	F	SCD 16
112.5	**P112PDKF**	NQT10	38.44	26.00	39.13	CF	F	SCD 16
150	**P150PDKF**	NQT11	37.38	30.00	45.63	CF	F	SCD 16

*Optional wall mounting kit required. Refer to page 266 for details.

600, 480 Delta Primary Volts 480Y/277 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style (Pages 256 - 263)	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 269 - 281)
2	**P002QKKB**	NQT3	12.38	5.44	12.39	65	W	SCD 20
3	**P003QKKB**	NQT3	12.38	5.44	12.39	69	W	SCD 20
6	**P006QKKF**	NQT4	15.19	6.94	16.39	190	W	SCD 20
9	**P009QKKF**	NQT5	16.63	10.25	17.89	270	W	SCD 47
15	**P015QKKF**	NQT7	20.25	13.00	23.38	380	F or W*	SCD 47
30	**P030QKKF**	NQT7	20.25	13.00	23.38	472	F or W*	SCD 11
45	**P045QKKF**	NQT8	22.25	13.00	28.38	680	F or W*	SCD 11
75	**P075QKKF**	NQT9	31.25	16.00	29.88	1650	F	SCD 11
112.5	**P112QKKF**	NQT10	38.44	26.00	39.13	CF	F	**Consult Factory**
150	**P150QKKF**	NQT11	37.38	30.00	45.63	CF	F	**Consult Factory**

*Optional wall mounting kit required. Refer to page 266 for details.

For accessories see pages 264-267.

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