HPS Sentinel®
Energy Efficient Distribution Transformer

power to conserve

Compliant to DOE 2016
Efficiency Standards

power to perform

Hammond Power Solutions

HPS Sentinel®
Energy Efficient Distribution Transformers

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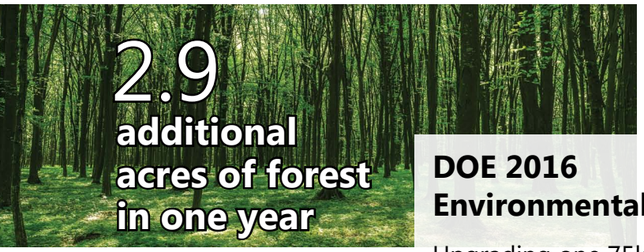
This catalog contains product information for DOE 2016 compliant energy efficient low voltage distribution transformers.
For product information pertaining to the Canadian efficiency regulation SOR/94-651 (CSA C802.2), please refer to the HTP-16 catalog.

Improved Efficiency For A Greener Tomorrow

Transformers have been and remain an essential part of our electrical infrastructure. Everywhere we look there is a transformer supplying power to industrial, commercial, or residential applications.

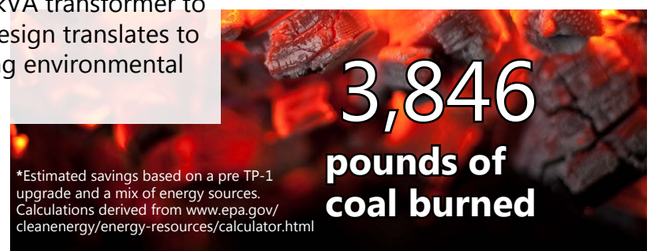
Improving the energy efficiency of new transformers is a primary goal of the U.S. Department of Energy (DOE). The DOE has established new and more stringent Energy Efficiency levels for transformers in the U.S. effective January 1st, 2016.

HPS proudly supports the new legislation and the environmental benefits resulting from using higher efficiency transformers.



DOE 2016 Environmental Benefits

Upgrading one 75kVA transformer to a new DOE 2016 design translates to one of the following environmental benefits*:



*Estimated savings based on a pre TP-1 upgrade and a mix of energy sources. Calculations derived from www.epa.gov/cleanenergy/energy-resources/calculator.html

DOE 2016 Efficiency Guidelines

The latest Department of Energy (DOE) 10 CFR Part 431 ruling, originally published on April 18th, 2013, mandates new efficiency levels effective January 1st, 2016 known as DOE 2016. DOE 2016 will require all liquid filled and dry-type distribution transformers manufactured on or after January 1st, 2016 and sold into any U.S. state after this date to comply with the new energy efficiency standards. This applies to:

Low Voltage Dry-type Distribution:

1PH 15-333kVA;
3PH 15-1000kVA

* Non-ventilated and potted transformers are exempt from these efficiency requirements

New Energy Efficiency Levels

The new energy efficiency levels for low voltage dry-type distribution transformers mandated as of January 1st, 2016 are as follows:

Single Phase		Three Phase	
kVA	Efficiency (%)	kVA	Efficiency (%)
15	97.70	15	97.89
25	98.00	30	98.23
37.5	98.20	45	98.40
50	98.30	75	98.60
75	98.50	112.5	98.74
100	98.60	150	98.83
167	98.70	225	98.94
250	98.80	300	99.02
333	98.90	500	99.14
		750	99.23
		1000	99.28

Note: All efficiency values are at 35% of nameplate-rated load, determined according to the DOE Test Method for Measuring the Energy Consumption of Distribution Transformers under Appendix A to Subpart K of 10 CFR part 431.

DOE 2016 Compliant HPS Distribution Transformers

The DOE 2016 product lines have been redesigned based on extensive customer input resulting in industry leading technologies and materials to meet your most demanding applications.

HPS has three lines of low voltage DOE 2016 compliant energy efficient distribution transformers:

Linear Load General Purpose Transformers - HPS Sentinel G:
Rated for 600 volts and below and are generally used for supplying appliance, lighting, heating, motorized machine and power loads from electrical distribution system.

K-Factor Transformers - HPS Sentinel K:
Specifically designed to handle the harmonics generated by non-linear loads such as computer and telecommunication equipment, drives and other power electronics.

Harmonic Mitigating Transformers - HPS Sentinel H:
Superior to k-rated transformers, they are designed to treat the harmonics generated by computer equipment and other non-linear, power electronic loads. HMT's combine zero sequence flux cancellation with phase shifting to mitigate 3rd, 5th, 7th, 9th, 15th, 17th, and 19th harmonics within their secondary windings.

HPS Sentinel®
Energy Efficient Distribution Transformers

Hammond Power Solutions

BENEFITS

- HPS Sentinel G, K, and H product lines meet the efficiency standards outlined in DOE 10 CFR Part 431 offering significant energy savings to our customers and positive societal/environmental benefits.
- Standard Type 3R enclosure suitable for indoor or outdoor applications.
- For our customers, higher efficiency translates into:
  - Increased profitability due to lower operating costs
  - Decreased cost of ownership over the lifetime of the transformer
  - Less air conditioning cost due to lower heat emissions
- Expanded catalog low voltage product - up to 1000kVA
- Standard 10kV BIL rating on DOE 2016 low voltage distribution transformer products providing increased reliability and protection against critical equipment failure (including voltage spikes and other line transients).
- Standard integral floor and wall mounting brackets up to 45kVA allow for faster installation.
- All units utilize a uniform 220°C insulation system with a 80°C, 115°C, or 150°C temperature rise.
- Industry leading design solutions, technology and materials continue the legacy of quality and reliability in all HPS products.

FEATURES

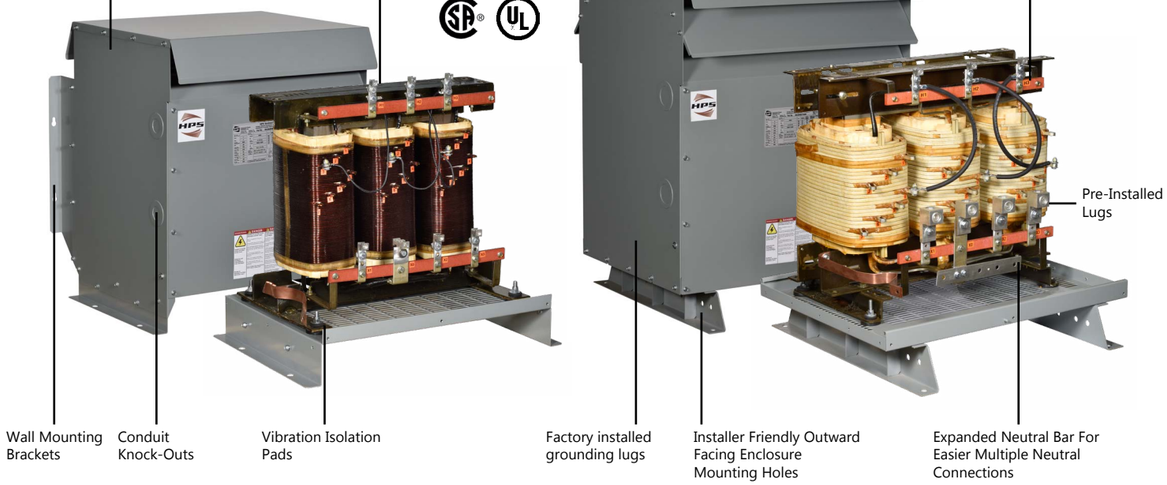
Core & Coil Construction:

- Manufactured from quality non-aging, cold rolled, silicon steel laminations using state-of-the-art equipment
- Cores are precision cut to close tolerances which eliminates burrs and improves performance
- Core is coated to prevent the ingress of moisture
- Precision wound with copper or aluminum conductors that are electrically balanced to minimize axial forces during short-circuit conditions
- Robust interface between core & coils for better short circuit performance

Conductor material: Copper or Aluminum
Temperature rise: 150°C typical (low rise options avail.)
Insulation system: 220°C

Installation made fast & easy!

Tired of spending extra money on labour and material to install optional transformer features? Purchasing an HPS Sentinel Transformer will save you all these additional costs. HPS Sentinel has these optional features pre-installed as part of our standard product line.

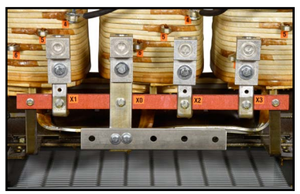


Testing

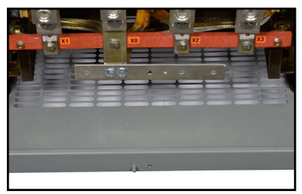
All HPS transformers are tested at HPS prior to shipment. They must meet very stringent quality criteria prior to release.


Standard type 3R enclosure on all low voltage HPS transformers


Integrated wall mounting brackets for added convenience at no extra cost


Expanded neutral bar for multiple customer connections


Factory installed main grounding lugs


Bottom cable entry area where applicable


Offset outward facing floor installation holes for easy power tool access

HPS Sentinel®
Energy Efficient Distribution Transformers

Hammond Power Solutions

Specifications & Accessories - Copper or Aluminum

15 to 45 kVA

75 to 150 kVA

225 to 1000 kVA

STANDARD SPECIFICATIONS

kVA:	15-1000kVA
UL Listed:	File: E112313
CSA Certified:	File: LR3902
Frequency:	60 Hz (optional 50/60 Hz available)
Insulation System:	220°C (150°C rise) (optional 115°C & 80°C rise available)
BIL Rating	10 kV (on all 3PH low voltage products)
Enclosure Type:	Heavy duty ventilated Type 3R standard (optional Type 4, 4X (stainless steel) & 12
Enclosure Finish:	ANSI 61 Grey, UL50
Neutral:	Neutral terminal for field connection (on applicable units)
Standard Primary Taps:	Refer to wiring diagrams for details

Optional Accessories:

- Thermal sensing & indication
- Thermocouples
- Thermometers (analog/digital)
- Thermostat alarm / trip (N.O. /N.C. contacts)
- Electrostatic shielding
- Rated to handle current harmonics [K4] [K9] [K13]
- Strip heater (space heater to prevent condensation)
- Surge protection devices
- Type 3R or 4X available in stainless steel
- Type 3R enhanced with baffling for horizontal blowing rain and snow

Termination:	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.
Conduit Entry:	Side knock-outs standard on all units; Bottom entry provision (exceptions apply)
Impedance:	Typically 3.5% to 6.5%
Mounting:	Floor or wall/ceiling mounting available. Refer to selection tables for details.
Seismic:	Seismically qualified according to the International Building Code (IBC) 2012, and the American Society of Civil Engineers ASCE 7-10 specifications, with the following design parameters: Spectral acceleration: $S_{DS} \leq 2.0$ g Importance factor: $I_p = 1.5$ Attachment/height ratio: z/h =1.0" O.S.H.P.D. California Certified
Sound Level:	Meets NEMA ST-20 standards (optional low noise units available)
Warranty:	10 years

HPS Sentinel Part Number Guide

	Family	Type	Generation	Phase	kVA				Pri. Volt.	Sec. Volt.	K Rating	Winding Material/ Electrostatic Shield	Temp. Rise & Insul. Class	Enclosure
Example	S	G	3	A	0	0	4	5	K	B	0	K	F	K

Family:
S - Sentinel

Type:
G - General
K - K Rated
H - Harmonic Mitigation

Generation:
2 - current designs
3 - current designs

Phase (Pri-Sec):
A - 3PH Delta-Wye
B - 3PH Wye-Delta
C - 3PH Delta-Delta/CT
D - 3PH Delta-Delta
Y - 3PH Wye-Wye
T - 3PH Zig Zag- 0° PH Shift
U - 3PH Zig Zag- -30°PH Shift
L- 1PH Single-Dual
N- 1PH Dual-Dual
M- 1PH Multiple-Dual

kVA:
kVA Rating

Primary Voltage:

1PH	3PH
B 208	208D, 208Y/120
D 240	240D
F 277	
H 416	416D
K 480	480D, 480Y/277
L 240x480	
P 600	600D, 600Y/347
X multiple	

Secondary Voltage:

1PH	3PH
B 208	208D or 208Y/120
D 240	240D, 240D/120CT or 240Y/139
E 120/240	
K 480	480D or 480Y/277
P 600	600D or 600Y/347
Y	380Y/220V w taps at 400Y, 416Y and 430Y

K Rating:
0 = None
4 = K4
9 = K9
3 = K13
2 = K20

Winding Material/Electrostatic Shield:
A - Aluminum
S - AL + Shield
C - Copper
K - CU + Shield

Temperature Rise at standard 220°C Insulation Class:
B - 80°C
F - 115°C
G - 130°C
H - 150°C

Enclosure:

A - Type 1	F - Type 4
B - Type 2	G - Type 4X (304SS)
C - Type 3R	H - Type 4X (316SS)
D - Type 3RE	K - Type 12
E - Type 3RX	X - None (Core & Coil)

Additional options include low sound level and special duty (marine, etc)

Support & Resources

No other transformer company can offer our service and quality in a full range of products.

Transformer Efficiency Calculator

The HPS Efficiency Calculator allows you to determine how much money and energy you can save by switching to a HPS Sentinel G, K, or H transformer. Visit the "Online Tools" area of the HPS website.

Current Calculator

Calculate the Amps, Volts, or kVA of a transformer. Visit the "Online Tools" area of the HPS website.

Fast On-Site Response

On-site technicians are available to assist with any technical problems or issues that cannot be resolved over the phone.

Extensive Inventory

We carry a complete inventory of Distribution Transformers throughout North America to quickly meet your needs.

Live Telephone Technical Support

Our inside sales team is available to quickly answer your questions. They are technically trained and able to answer most questions right over the phone.

Easy-To-Access Installation Manuals

All transformer installation manuals are conveniently located on our website so you can access them anywhere, anytime.

ALUMINUM WOUND, SINGLE PHASE

208 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015BE**	NH5	19.40	20.20	21.50	170	F or W/C *	SCD 32
25	**SG2L0025BE**	NH6	23.90	25.00	28.75	220	F or W/C *	SCD 31
37.5	**SG2L0037BE**	NH6	23.90	25.00	28.75	260	F or W/C *	SCD 31
50	**SG2L0050BE**	NH3	26.00	25.00	38.00	375	F or W/C *	SCD 2
75	**SG2L0075BE**	NH4	32.00	29.50	41.00	500	F	SCD 39
100	**SG2L0100BE**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150BE**	NJ4	32.00	32.50	50.00	850	F	SCD 39
167	**SG2L0167BE**	NJ4	32.00	32.50	50.00	950	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2N0015LE**	NH5	19.40	20.20	21.50	170	F or W/C *	SCD 34
25	**SG2N0025LE**	NH6	23.90	25.00	28.75	220	F or W/C *	SCD 17
37.5	**SG2N0037LE**	NH6	23.90	25.00	28.75	260	F or W/C *	SCD 17
50	**SG2N0050LE**	NH3	26.00	25.00	38.00	370	F or W/C *	SCD 17
75	**SG2N0075LE**	NH3	26.00	25.00	38.00	500	F or W/C *	SCD 17
100	**SG2N0100LE**	NH4	32.00	29.50	41.00	650	F	SCD 17
150	**SG2N0150LE**	NJ4	32.00	32.50	50.00	850	F	SCD 17
167	**SG2N0167LE**	NJ4	32.00	32.50	50.00	900	F	SCD 17

* Wall mounting kit and/or drip plate kit required.

277 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015FE**	NH5	19.40	20.20	21.50	170	F or W/C *	SCD 32
25	**SG2L0025FE**	NH6	23.90	25.00	28.75	260	F or W/C *	SCD 31
37.5	**SG2L0037FE**	NH6	23.90	25.00	28.75	400	F or W/C *	SCD 31
50	**SG2L0050FE**	NH3	26.00	25.00	38.00	450	F or W/C *	SCD 31
75	**SG2L0075FE**	NH3	26.00	25.00	38.00	650	F or W/C *	SCD 31
100	**SG2L0100FE**	NH4	32.00	29.50	41.00	700	F	SCD 39
150	**SG2L0150FE**	NJ4	32.00	32.50	50.00	830	F	SCD 39
167	**SG2L0167FE**	NJ4	32.00	32.50	50.00	880	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

416 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015HE**	NH5	19.40	20.20	21.50	220	F or W/C *	SCD 32
25	**SG2L0025HE**	NH6	23.90	25.00	28.75	220	F or W/C *	SCD 31
37.5	**SG2L0037HE**	NH6	23.90	25.00	28.75	260	F or W/C *	SCD 31
50	**SG2L0050HE**	NH3	26.00	25.00	38.00	400	F or W/C *	SCD 31
75	**SG2L0075HE**	NH3	26.00	25.00	38.00	480	F or W/C *	SCD 31
100	**SG2L0100HE**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150HE**	NJ4	32.00	32.50	50.00	850	F	SCD 39
167	**SG2L0167HE**	NJ4	32.00	32.50	50.00	900	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

Selection Tables
HPS Sentinel G
Energy Efficient General Purpose Distribution

Hammond Power Solutions

ALUMINUM WOUND, SINGLE PHASE

600 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015PE**	NH5	19.40	20.20	21.50	220	F or W/C *	SCD 32
25	**SG2L0025PE**	NH6	23.90	25.00	28.75	220	F or W/C *	SCD 31
37.5	**SG2L0037PE**	NH6	23.90	25.00	28.75	260	F or W/C *	SCD 31
50	**SG2L0050PE**	NH3	26.00	25.00	38.00	400	F or W/C *	SCD 31
75	**SG2L0075PE**	NH3	26.00	25.00	38.00	480	F or W/C *	SCD 31
100	**SG2L0100PE**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150PE**	NJ4	32.00	32.50	50.00	850	F	SCD 39
167	**SG2L0167PE**	NJ4	32.00	32.50	50.00	900	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

SINGLE PHASE, EXPORT MODEL

190/200/208/220 X 380/400/416/440 Primary Volts 120/240 Secondary Volts 50/60 Hz**

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2M0015XE**	NH6	23.90	25.00	28.75	190	F or W/C *	SCD 30
25	**SG2M0025XE**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 30
37.5	**SG2M0037XE**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 30
50	**SG2M0050XE**	NH3	26.00	25.00	38.00	390	F or W/C *	SCD 30
75	**SG2M0075XE**	NH3	26.00	25.00	38.00	540	F or W/C *	SCD 30
100	**SG2M0100XE**	NH4	32.00	29.50	41.00	700	F	SCD 30
150	**SG2M0150XE**			Consult Sales			F	SCD 30
167	**SG2M0167XE**			Consult Sales			F	SCD 30

**Note: Meets DOE 10 CFR Part 431 at 60 Hz. * Wall mounting kit and/or drip plate kit required.

COPPER WOUND, SINGLE PHASE

208 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015BE0C**	NH5	19.40	20.20	21.50	180	F or W/C *	SCD 32
25	**SG2L0025BE0C**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 31
37.5	**SG2L0037BE0C**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 31
50	**SG2L0050BE0C**	NH3	26.00	25.00	38.00	375	F or W/C *	SCD 2
75	**SG2L0075BE0C**	NH3	26.00	25.00	38.00	525	F or W/C *	SCD 31
100	**SG2L0100BE0C**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150BE0C**	NJ4	32.00	32.50	50.00	900	F	SCD 39
167	**SG2L0167BE0C**	NJ4	32.00	32.50	50.00	1000	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2N0015LE0C**	NH5	19.40	20.20	21.50	180	F or W/C *	SCD 34
25	**SG2N0025LE0C**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 17
37.5	**SG2N0037LE0C**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 17
50	**SG2N0050LE0C**	NH3	26.00	25.00	38.00	375	F or W/C *	SCD 17
75	**SG2N0075LE0C**	NH3	26.00	25.00	38.00	525	F or W/C *	SCD 17
100	**SG2N0100LE0C**	NH4	32.00	29.50	41.00	650	F	SCD 17
150	**SG2N0150LE0C**	NJ4	32.00	32.50	50.00	900	F	SCD 17
167	**SG2N0167LE0C**	NJ4	32.00	32.50	50.00	1000	F	SCD 17

* Wall mounting kit and/or drip plate kit required.

COPPER WOUND, SINGLE PHASE

277 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015FE0C**	NH5	19.40	20.20	21.50	180	F or W/C *	SCD 32
25	**SG2L0025FE0C**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 31
37.5	**SG2L0037FE0C**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 31
50	**SG2L0050FE0C**	NH3	26.00	25.00	38.00	375	F or W/C *	SCD 31
75	**SG2L0075FE0C**	NH3	26.00	25.00	38.00	525	F or W/C *	SCD 31
100	**SG2L0100FE0C**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150FE0C**	NJ4	32.00	32.50	50.00	900	F	SCD 39
167	**SG2L0167FE0C**	NJ4	32.00	32.50	50.00	1000	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

416 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015HE0C**	NH5	19.40	20.20	21.50	180	F or W/C *	SCD 32
25	**SG2L0025HE0C**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 31
37.5	**SG2L0037HE0C**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 31
50	**SG2L0050HE0C**	NH3	26.00	25.00	38.00	375	F or W/C *	SCD 31
75	**SG2L0075HE0C**	NH3	26.00	25.00	38.00	525	F or W/C *	SCD 31
100	**SG2L0100HE0C**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150HE0C**	NJ4	32.00	32.50	50.00	900	F	SCD 39
167	**SG2L0167HE0C**	NJ4	32.00	32.50	50.00	1000	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

600 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2L0015PE0C**	NH5	19.40	20.20	21.50	180	F or W/C *	SCD 32
25	**SG2L0025PE0C**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 31
37.5	**SG2L0037PE0C**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 31
50	**SG2L0050PE0C**	NH3	26.00	25.00	38.00	375	F or W/C *	SCD 31
75	**SG2L0075PE0C**	NH3	26.00	25.00	38.00	525	F or W/C *	SCD 31
100	**SG2L0100PE0C**	NH4	32.00	29.50	41.00	650	F	SCD 39
150	**SG2L0150PE0C**	NJ4	32.00	32.50	50.00	900	F	SCD 39
167	**SG2L0167PE0C**	NJ4	32.00	32.50	50.00	1000	F	SCD 39

* Wall mounting kit and/or drip plate kit required.

SINGLE PHASE, EXPORT MODEL

190/200/208/220 X 380/400/416/440 Primary Volts 120/240 Secondary Volts 50/60 Hz**

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG2M0015XE0C**	NH6	23.90	25.00	28.75	190	F or W/C *	SCD 30
25	**SG2M0025XE0C**	NH6	23.90	25.00	28.75	240	F or W/C *	SCD 30
37.5	**SG2M0037XE0C**	NH6	23.90	25.00	28.75	300	F or W/C *	SCD 30
50	**SG2M0050XE0C**	NH3	26.00	25.00	38.00	390	F or W/C *	SCD 30
75	**SG2M0075XE0C**	NH3	26.00	25.00	38.00	540	F or W/C *	SCD 30
100	**SG2M0100XE0C**	NH4	32.00	29.50	41.00	700	F	SCD 30
150	**SG2M0150XE0C**			Consult Sales			F	SCD 30
167	**SG2M0167XE0C**			Consult Sales			F	SCD 30

**Note: Meets DOE 10 CFR Part 431 at 60 Hz. * Wall mounting kit and/or drip plate kit required.

Selection Tables
HPS Sentinel G
Energy Efficient General Purpose Distribution

Hammond Power Solutions

ALUMINUM WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015BB**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030BB**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 19
45	**SG3A0045BB**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 19
75	**SG3A0075BB**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 19
112.5	**SG3A0112BB**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 19
150	**SG3A0150BB**	DH4	31.5	29.5	44.5	870	F	SCD 19
225	**SG3A0225BB**	DH5	37.5	34.0	52.0	1350	F	SCD 7A
300	**SG3A0300BB**	DH5	37.5	34.0	52.0	1800	F	SCD 7A
500	**SG3A0500BB**	DH6	49.0	41.5	64.0	2750	F	SCD 8
750	**SG3A0750BB**	DH7	54.0	46.5	72.0	4100	F	SCD 60
1000	**SG3A1000BB**	DH8	60.0	49.5	82.0	5400	F	SCD 60

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

208 Delta Primary Volts 480Y/277 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015BK**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 53
30	**SG3A0030BK**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 53
45	**SG3A0045BK**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 53
75	**SG3A0075BK**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 53
112.5	**SG3A0112BK**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 53
150	**SG3A0150BK**	DH4	31.5	29.5	44.5	870	F	SCD 53
225	**SG3A0225BK**	DH5	37.5	34.0	52.0	1350	F	SCD 56
300	**SG3A0300BK**	DH5	37.5	34.0	52.0	1800	F	SCD 56
500	**SG3A0500BK**	DH6	49.0	41.5	64.0	2750	F	SCD 23A
750	**SG3A0750BK**	DH7	54.0	46.5	72.0	4100	F	SCD 61
1000	**SG3A1000BK**	DH8	60.0	49.5	82.0	5400	F	SCD 61

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015DB**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030DB**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 19
45	**SG3A0045DB**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 19
75	**SG3A0075DB**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 19
112.5	**SG3A0112DB**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 19
150	**SG3A0150DB**	DH4	31.5	29.5	44.5	870	F	SCD 19
225	**SG3A0225DB**	DH5	37.5	34.0	52.0	1350	F	SCD 7A
300	**SG3A0300DB**	DH5	37.5	34.0	52.0	1800	F	SCD 7A
500	**SG3A0500DB**	DH6	49.0	41.5	64.0	2750	F	SCD 8
750	**SG3A0750DB**	DH7	54.0	46.5	72.0	4100	F	SCD 60
1000	**SG3A1000DB**	DH8	60.0	49.5	82.0	5400	F	SCD 60

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

ALUMINUM WOUND, THREE PHASE

240 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SG3A0015DK**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 53
30	**SG3A0030DK**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 53
45	**SG3A0045DK**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 53
75	**SG3A0075DK**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 53
112.5	**SG3A0112DK**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 53
150	**SG3A0150DK**	DH4	31.5	29.5	44.5	870	F	SCD 53
225	**SG3A0225DK**	DH5	37.5	34.0	52.0	1350	F	SCD 56
300	**SG3A0300DK**	DH5	37.5	34.0	52.0	1800	F	SCD 56
500	**SG3A0500DK**	DH6	49.0	41.5	64.0	2750	F	SCD 23A
750	**SG3A0750DK**	DH7	54.0	46.5	72.0	4100	F	SCD 61
1000	**SG3A1000DK**	DH8	60.0	49.5	82.0	5400	F	SCD 61

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SG3A0015KB**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030KB**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 19
45	**SG3A0045KB**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 19
75	**SG3A0075KB**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 19
112.5	**SG3A0112KB**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 19
150	**SG3A0150KB**	DH4	31.5	29.5	44.5	870	F	SCD 19
225	**SG3A0225KB**	DH5	37.5	34.0	52.0	1350	F	SCD 19
300	**SG3A0300KB**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500KB**	DH6	49.0	41.5	64.0	2750	F	SCD 20
750	**SG3A0750KB**	DH7	54.0	46.5	72.0	4100	F	SCD 20
1000	**SG3A1000KB**	DH8	60.0	49.5	82.0	5400	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

480 Delta Primary Volts — 240 Delta/120 CT Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SG3C0015KD**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 21
30	**SG3C0030KD**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 21
45	**SG3C0045KD**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 21
75	**SG3C0075KD**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 21
112.5	**SG3C0112KD**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 21
150	**SG3C0150KD**	DH4	31.5	29.5	44.5	870	F	SCD 21
225	**SG3C0225KD**	DH5	37.5	34.0	52.0	1350	F	SCD 21
300	**SG3C0300KD**	DH5	37.5	34.0	52.0	1800	F	SCD 21
500	**SG3C0500KD**	DH6	49.0	41.5	64.0	2750	F	SCD 22
750	**SG3C0750KD**	DH7	54.0	46.5	72.0	4100	F	SCD 22
1000	**SG3C1000KD**	DH8	60.0	49.5	82.0	5400	F	SCD 59

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

Selection Tables
HPS Sentinel G
Energy Efficient General Purpose Distribution

Hammond Power Solutions

ALUMINUM WOUND, THREE PHASE

480 Delta Primary Volts — 380Y/220, 400Y/231, 416Y/240, 430Y/248 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SG3A0015KY**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 52
30	**SG3A0030KY**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 52
45	**SG3A0045KY**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 52
75	**SG3A0075KY**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 52
112.5	**SG3A0112KY**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 52
150	**SG3A0150KY**	DH4	31.5	29.5	44.5	870	F	SCD 52
225	**SG3A0225KY**							
300	**SG3A0300KY**							
500	**SG3A0500KY**			Consult HPS Sales				
750	**SG3A0750KY**							
1000	**SG3A1000KY**							

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

480 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SG3A0015KK**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030KK**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 19
45	**SG3A0045KK**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 19
75	**SG3A0075KK**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 19
112.5	**SG3A0112KK**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 19
150	**SG3A0150KK**	DH4	31.5	29.5	44.5	870	F	SCD 19
225	**SG3A0225KK**	DH5	37.5	34.0	52.0	1350	F	SCD 19
300	**SG3A0300KK**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500KK**	DH6	49.0	41.5	64.0	2750	F	SCD 20
750	**SG3A0750KK**	DH7	54.0	46.5	72.0	4100	F	SCD 20
1000	**SG3A1000KK**	DH8	60.0	49.5	82.0	5400	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SG3A0015PB**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030PB**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 19
45	**SG3A0045PB**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 19
75	**SG3A0075PB**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 19
112.5	**SG3A0112PB**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 19
150	**SG3A0150PB**	DH4	31.5	29.5	44.5	870	F	SCD 19
225	**SG3A0225PB**	DH5	37.5	34.0	52.0	1350	F	SCD 19
300	**SG3A0300PB**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500PB**	DH6	49.0	41.5	64.0	2750	F	SCD 20
750	**SG3A0750PB**	DH7	54.0	46.5	72.0	4100	F	SCD 20
1000	**SG3A1000PB**	DH8	60.0	49.5	82.0	5400	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

ALUMINUM WOUND, THREE PHASE

600Y Primary Volts — 240 Delta Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3B0015PD**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 54
30	**SG3B0030PD**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 54
45	**SG3B0045PD**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 54
75	**SG3B0075PD**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 54
112.5	**SG3B0112PD**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 54
150	**SG3B0150PD**	DH4	31.5	29.5	44.5	870	F	SCD 54
225	**SG3B0225PD**	DH5	37.5	34.0	52.0	1350	F	SCD 54
300	**SG3B0300PD**	DH5	37.5	34.0	52.0	1800	F	SCD 54
500	**SG3B0500PD**	DH6	49.0	41.5	64.0	2750	F	SCD 58
750	**SG3B0750PD**	DH7	54.0	46.5	72.0	4100	F	SCD 58
1000	**SG3B1000PD**	DH8	60.0	49.5	82.0	5400	F	SCD 29

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015PK**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030PK**	DH2	25.8	23.8	28.8	310	F or W/C	SCD 19
45	**SG3A0045PK**	DH2	25.8	23.8	28.8	380	F or W/C	SCD 19
75	**SG3A0075PK**	DH3	28.3	27.0	36.0	510	F (Opt W/C)	SCD 19
112.5	**SG3A0112PK**	DH3	28.3	27.0	36.0	680	F (Opt W/C)	SCD 19
150	**SG3A0150PK**	DH4	31.5	29.5	44.5	870	F	SCD 19
225	**SG3A0225PK**	DH5	37.5	34.0	52.0	1350	F	SCD 19
300	**SG3A0300PK**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500PK**	DH6	49.0	41.5	64.0	2750	F	SCD 20
750	**SG3A0750PK**	DH7	54.0	46.5	72.0	4100	F	SCD 20
1000	**SG3A1000PK**	DH8	60.0	49.5	82.0	5400	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

COPPER WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015BB0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030BB0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 19
45	**SG3A0045BB0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 19
75	**SG3A0075BB0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 19
112.5	**SG3A0112BB0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 19
150	**SG3A0150BB0C**	DH4	31.5	29.5	44.5	930	F	SCD 19
225	**SG3A0225BB0C**	DH4	31.5	29.5	44.5	1350	F	SCD 7A
300	**SG3A0300BB0C**	DH5	37.5	34.0	52.0	1800	F	SCD 7A
500	**SG3A0500BB0C**	DH6	49.0	41.5	64.0	3200	F	SCD 8
750	**SG3A0750BB0C**	DH6	49.0	41.5	64.0	4050	F	SCD 60
1000	**SG3A1000BB0C**	DH7	54.0	46.5	72.0	5200	F	SCD 60

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

Selection Tables
HPS Sentinel G
Energy Efficient General Purpose Distribution

Hammond Power Solutions

COPPER WOUND, THREE PHASE

208 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015BK0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 53
30	**SG3A0030BK0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 53
45	**SG3A0045BK0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 53
75	**SG3A0075BK0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 53
112.5	**SG3A0112BK0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 53
150	**SG3A0150BK0C**	DH4	31.5	29.5	44.5	930	F	SCD 53
225	**SG3A0225BK0C**	DH4	31.5	29.5	44.5	1350	F	SCD 56
300	**SG3A0300BK0C**	DH5	37.5	34.0	52.0	1800	F	SCD 56
500	**SG3A0500BK0C**	DH6	49.0	41.5	64.0	3200	F	SCD 23A
750	**SG3A0750BK0C**	DH6	49.0	41.5	64.0	4050	F	SCD 61
1000	**SG3A1000BK0C**	DH7	54.0	46.5	72.0	5200	F	SCD 61

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

240 Delta Primary Volts — 208Y/120 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015DB0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030DB0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 19
45	**SG3A0045DB0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 19
75	**SG3A0075DB0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 19
112.5	**SG3A0112DB0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 19
150	**SG3A0150DB0C**	DH4	31.5	29.5	44.5	930	F	SCD 19
225	**SG3A0225DB0C**	DH4	31.5	29.5	44.5	1350	F	SCD 7A
300	**SG3A0300DB0C**	DH5	37.5	34.0	52.0	1800	F	SCD 7A
500	**SG3A0500DB0C**	DH6	49.0	41.5	64.0	3200	F	SCD 8
750	**SG3A0750DB0C**	DH6	49.0	41.5	64.0	4050	F	SCD 60
1000	**SG3A1000DB0C**	DH7	54.0	46.5	72.0	5200	F	SCD 60

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

240 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015DK0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 53
30	**SG3A0030DK0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 53
45	**SG3A0045DK0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 53
75	**SG3A0075DK0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 53
112.5	**SG3A0112DK0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 53
150	**SG3A0150DK0C**	DH4	31.5	29.5	44.5	930	F	SCD 53
225	**SG3A0225DK0C**	DH4	31.5	29.5	44.5	1350	F	SCD 56
300	**SG3A0300DK0C**	DH5	37.5	34.0	52.0	1800	F	SCD 56
500	**SG3A0500DK0C**	DH6	49.0	41.5	64.0	3200	F	SCD 23A
750	**SG3A0750DK0C**	DH6	49.0	41.5	64.0	4050	F	SCD 61
1000	**SG3A1000DK0C**	DH7	54.0	46.5	72.0	5200	F	SCD 61

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

COPPER WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015KB0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030KB0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 19
45	**SG3A0045KB0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 19
75	**SG3A0075KB0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 19
112.5	**SG3A0112KB0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 19
150	**SG3A0150KB0C**	DH4	31.5	29.5	44.5	930	F	SCD 19
225	**SG3A0225KB0C**	DH4	31.5	29.5	44.5	1350	F	SCD 19
300	**SG3A0300KB0C**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500KB0C**	DH6	49.0	41.5	64.0	3200	F	SCD 20
750	**SG3A0750KB0C**	DH6	49.0	41.5	64.0	4050	F	SCD 20
1000	**SG3A1000KB0C**	DH7	54.0	46.5	72.0	5200	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

480 Delta Primary Volts | 240 Delta/120 CT Secondary Volts | 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3C0015KD0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 21
30	**SG3C0030KD0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 21
45	**SG3C0045KD0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 21
75	**SG3C0075KD0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 21
112.5	**SG3C0112KD0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 21
150	**SG3C0150KD0C**	DH4	31.5	29.5	44.5	930	F	SCD 21
225	**SG3C0225KD0C**	DH4	31.5	29.5	44.5	1350	F	SCD 21
300	**SG3C0300KD0C**	DH5	37.5	34.0	52.0	1800	F	SCD 21
500	**SG3C0500KD0C**	DH6	49.0	41.5	64.0	3200	F	SCD 22
750	**SG3C0750KD0C**	DH6	49.0	41.5	64.0	4050	F	SCD 22
1000	**SG3C1000KD0C**	DH7	54.0	46.5	72.0	5200	F	SCD 59

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

480 Delta Primary Volts | 380Y, 400Y, 416Y, 430Y Secondary Volts | 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015KY0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 52
30	**SG3A0030KY0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 52
45	**SG3A0045KY0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 52
75	**SG3A0075KY0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 52
112.5	**SG3A0112KY0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 52
150	**SG3A0150KY0C**	DH4	31.5	29.5	44.5	930	F	SCD 52
225	**SG3A0225KY0C**							
300	**SG3A0300KY0C**							
500	**SG3A0500KY0C**			Consult HPS Sales				
750	**SG3A0750KY0C**							
1000	**SG3A1000KY0C**							

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

Selection Tables
HPS Sentinel G
Energy Efficient General Purpose Distribution

Hammond Power Solutions

COPPER WOUND, THREE PHASE

480 Delta Primary Volts | 480Y/277 Secondary Volts | 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015KK0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030KK0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 19
45	**SG3A0045KK0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 19
75	**SG3A0075KK0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 19
112.5	**SG3A0112KK0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 19
150	**SG3A0150KK0C**	DH4	31.5	29.5	44.5	930	F	SCD 19
225	**SG3A0225KK0C**	DH4	31.5	29.5	44.5	1350	F	SCD 19
300	**SG3A0300KK0C**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500KK0C**	DH6	49.0	41.5	64.0	3200	F	SCD 20
750	**SG3A0750KK0C**	DH6	49.0	41.5	64.0	4050	F	SCD 20
1000	**SG3A1000KK0C**	DH7	54.0	46.5	72.0	5200	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015PB0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030PB0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 19
45	**SG3A0045PB0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 19
75	**SG3A0075PB0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 19
112.5	**SG3A0112PB0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 19
150	**SG3A0150PB0C**	DH4	31.5	29.5	44.5	930	F	SCD 19
225	**SG3A0225PB0C**	DH4	31.5	29.5	44.5	1350	F	SCD 19
300	**SG3A0300PB0C**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500PB0C**	DH6	49.0	41.5	64.0	3200	F	SCD 20
750	**SG3A0750PB0C**	DH6	49.0	41.5	64.0	4050	F	SCD 20
1000	**SG3A1000PB0C**	DH7	54.0	46.5	72.0	5200	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

600Y Primary Volts | 240 Delta Secondary Volts | 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3B0015PD0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 54
30	**SG3B0030PD0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 54
45	**SG3B0045PD0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 54
75	**SG3B0075PD0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 54
112.5	**SG3B0112PD0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 54
150	**SG3B0150PD0C**	DH4	31.5	29.5	44.5	930	F	SCD 54
225	**SG3B0225PD0C**	DH4	31.5	29.5	44.5	1350	F	SCD 54
300	**SG3B0300PD0C**	DH5	37.5	34.0	52.0	1800	F	SCD 54
500	**SG3B0500PD0C**	DH6	49.0	41.5	64.0	3200	F	SCD 58
750	**SG3B0750PD0C**	DH6	49.0	41.5	64.0	4050	F	SCD 58
1000	**SG3B1000PD0C**	DH7	54.0	46.5	72.0	5200	F	SCD 29

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

COPPER WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SG3A0015PK0C**	DH1	21.5	20.1	22.0	210	F or W/C	SCD 19
30	**SG3A0030PK0C**	DH2	25.8	23.8	28.8	340	F or W/C	SCD 19
45	**SG3A0045PK0C**	DH2	25.8	23.8	28.8	400	F or W/C	SCD 19
75	**SG3A0075PK0C**	DH3	28.3	27.0	36.0	590	F (Opt W/C)	SCD 19
112.5	**SG3A0112PK0C**	DH3	28.3	27.0	36.0	740	F (Opt W/C)	SCD 19
150	**SG3A0150PK0C**	DH4	31.5	29.5	44.5	930	F	SCD 19
225	**SG3A0225PK0C**	DH4	31.5	29.5	44.5	1350	F	SCD 19
300	**SG3A0300PK0C**	DH5	37.5	34.0	52.0	1800	F	SCD 19
500	**SG3A0500PK0C**	DH6	49.0	41.5	64.0	3200	F	SCD 20
750	**SG3A0750PK0C**	DH6	49.0	41.5	64.0	4050	F	SCD 20
1000	**SG3A1000PK0C**	DH7	54.0	46.5	72.0	5200	F	SCD 10

W/C: Built-in Wall Ceiling Mounting Opt W/C: Wall Ceiling Mounting Kit "DW3" Available OSHPD Certified for Floor Mounting Only

K-FACTOR 4
ALUMINUM WOUND, SHIELDED, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SK3A0015KB4S**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030KB4S**	DH2	25.75	23.75	28.75	320	F or W/C	SCD 19
45	**SK3A0045KB4S**	DH2	25.75	23.75	28.75	390	F or W/C	SCD 19
75	**SK3A0075KB4S**	DH3	28.25	27	36	530	F (Opt W/C)	SCD 19
112.5	**SK3A0112KB4S**	DH3	28.25	27	36	690	F (Opt W/C)	SCD 19
150	**SK3A0150KB4S**	DH4	31.5	29.5	44.5	900	F	SCD 19
225	**SK3A0225KB4S**	DH5	37.5	34	52	1380	F	SCD 19
300	**SK3A0300KB4S**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500KB4S**	DH6	49.0	41.5	64.0	2800	F	SCD 20
750	**SK3A0750KB4S**	DH7	54.0	46.5	72.0	4200	F	SCD 20
1000	**SK3A1000KB4S**	DH8	60.0	49.5	82.0	5500	F	SCD 10

480 Delta Primary Volts | 480Y/277 Secondary Volts | 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SK3A0015KK4S**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030KK4S**	DH2	25.75	23.75	28.75	320	F or W/C	SCD 19
45	**SK3A0045KK4S**	DH2	25.75	23.75	28.75	390	F or W/C	SCD 19
75	**SK3A0075KK4S**	DH3	28.25	27	36	530	F (Opt W/C)	SCD 19
112.5	**SK3A0112KK4S**	DH3	28.25	27	36	690	F (Opt W/C)	SCD 19
150	**SK3A0150KK4S**	DH4	31.5	29.5	44.5	900	F	SCD 19
225	**SK3A0225KK4S**	DH5	37.5	34	52	1380	F	SCD 19
300	**SK3A0300KK4S**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500KK4S**	DH6	49.0	41.5	64.0	2800	F	SCD 20
750	**SK3A0750KK4S**	DH7	54.0	46.5	72.0	4200	F	SCD 20
1000	**SK3A1000KK4S**	DH8	60.0	49.5	82.0	5500	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SK3A0015PB4S**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030PB4S**	DH2	25.75	23.75	28.75	320	F or W/C	SCD 19
45	**SK3A0045PB4S**	DH2	25.75	23.75	28.75	390	F or W/C	SCD 19
75	**SK3A0075PB4S**	DH3	28.25	27	36	530	F (Opt W/C)	SCD 19
112.5	**SK3A0112PB4S**	DH3	28.25	27	36	690	F (Opt W/C)	SCD 19
150	**SK3A0150PB4S**	DH4	31.5	29.5	44.5	900	F	SCD 19
225	**SK3A0225PB4S**	DH5	37.5	34	52	1380	F	SCD 19
300	**SK3A0300PB4S**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500PB4S**	DH6	49.0	41.5	64.0	2800	F	SCD 20
750	**SK3A0750PB4S**	DH7	54.0	46.5	72.0	4200	F	SCD 20
1000	**SK3A1000PB4S**	DH8	60.0	49.5	82.0	5500	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
			Width	Depth	Height			
15	**SK3A0015PK4S**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030PK4S**	DH2	25.75	23.75	28.75	320	F or W/C	SCD 19
45	**SK3A0045PK4S**	DH2	25.75	23.75	28.75	390	F or W/C	SCD 19
75	**SK3A0075PK4S**	DH3	28.25	27	36	530	F (Opt W/C)	SCD 19
112.5	**SK3A0112PK4S**	DH3	28.25	27	36	690	F (Opt W/C)	SCD 19
150	**SK3A0150PK4S**	DH4	31.5	29.5	44.5	900	F	SCD 19
225	**SK3A0225PK4S**	DH5	37.5	34	52	1380	F	SCD 19
300	**SK3A0300PK4S**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500PK4S**	DH6	49.0	41.5	64.0	2800	F	SCD 20
750	**SK3A0750PK4S**	DH7	54.0	46.5	72.0	4200	F	SCD 20
1000	**SK3A1000PK4S**	DH8	60.0	49.5	82.0	5500	F	SCD 10

W/C: Built-in Wall Ceiling Mounting

K-FACTOR 4
COPPER WOUND, SHIELDED, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KB4K**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030KB4K**	DH2	25.75	23.75	28.75	350	F or W/C	SCD 19
45	**SK3A0045KB4K**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075KB4K**	DH3	28.25	27	36	600	F (Opt W/C)	SCD 19
112.5	**SK3A0112KB4K**	DH3	28.25	27	36	760	F (Opt W/C)	SCD 19
150	**SK3A0150KB4K**	DH4	31.5	29.5	44.5	950	F	SCD 19
225	**SK3A0225KB4K**	DH4	31.5	29.5	44.5	1380	F	SCD 19
300	**SK3A0300KB4K**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500KB4K**	DH6	49.0	41.5	64.0	3250	F	SCD 20
750	**SK3A0750KB4K**	DH6	49.0	41.5	64.0	4100	F	SCD 20
1000	**SK3A1000KB4K**	DH7	54.0	46.5	72.0	5300	F	SCD 10

480 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KK4K**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030KK4K**	DH2	25.75	23.75	28.75	350	F or W/C	SCD 19
45	**SK3A0045KK4K**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075KK4K**	DH3	28.25	27	36	600	F (Opt W/C)	SCD 19
112.5	**SK3A0112KK4K**	DH3	28.25	27	36	760	F (Opt W/C)	SCD 19
150	**SK3A0150KK4K**	DH4	31.5	29.5	44.5	950	F	SCD 19
225	**SK3A0225KK4K**	DH4	31.5	29.5	44.5	1380	F	SCD 19
300	**SK3A0300KK4K**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500KK4K**	DH6	49.0	41.5	64.0	3250	F	SCD 20
750	**SK3A0750KK4K**	DH6	49.0	41.5	64.0	4100	F	SCD 20
1000	**SK3A1000KK4K**	DH7	54.0	46.5	72.0	5300	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PB4K**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030PB4K**	DH2	25.75	23.75	28.75	350	F or W/C	SCD 19
45	**SK3A0045PB4K**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075PB4K**	DH3	28.25	27	36	600	F (Opt W/C)	SCD 19
112.5	**SK3A0112PB4K**	DH3	28.25	27	36	760	F (Opt W/C)	SCD 19
150	**SK3A0150PB4K**	DH4	31.5	29.5	44.5	950	F	SCD 19
225	**SK3A0225PB4K**	DH4	31.5	29.5	44.5	1380	F	SCD 19
300	**SK3A0300PB4K**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500PB4K**	DH6	49.0	41.5	64.0	3250	F	SCD 20
750	**SK3A0750PB4K**	DH6	49.0	41.5	64.0	4100	F	SCD 20
1000	**SK3A1000PB4K**	DH7	54.0	46.5	72.0	5300	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PK4K**	DH1	21.5	20.13	22	220	F or W/C	SCD 19
30	**SK3A0030PK4K**	DH2	25.75	23.75	28.75	350	F or W/C	SCD 19
45	**SK3A0045PK4K**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075PK4K**	DH3	28.25	27	36	600	F (Opt W/C)	SCD 19
112.5	**SK3A0112PK4K**	DH3	28.25	27	36	760	F (Opt W/C)	SCD 19
150	**SK3A0150PK4K**	DH4	31.5	29.5	44.5	950	F	SCD 19
225	**SK3A0225PK4K**	DH4	31.5	29.5	44.5	1380	F	SCD 19
300	**SK3A0300PK4K**	DH5	37.5	34	52	1830	F	SCD 19
500	**SK3A0500PK4K**	DH6	49.0	41.5	64.0	3250	F	SCD 20
750	**SK3A0750PK4K**	DH6	49.0	41.5	64.0	4100	F	SCD 20
1000	**SK3A1000PK4K**	DH7	54.0	46.5	72.0	5300	F	SCD 10

W/C: Built-in Wall Ceiling Mounting

Selection Tables
HPS Sentinel K
Energy Efficient K-Factor

K-FACTOR 9
ALUMINUM WOUND, SHIELDED, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KB9S**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030KB9S**	DH2	25.75	23.75	28.75	330	F or W/C	SCD 19
45	**SK3A0045KB9S**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075KB9S**	DH3	28.25	27	36	550	F (Opt W/C)	SCD 19
112.5	**SK3A0112KB9S**	DH3	28.25	27	36	720	F (Opt W/C)	SCD 19
150	**SK3A0150KB9S**	DH4	31.5	29.5	44.5	1040	F	SCD 19
225	**SK3A0225KB9S**	DH5	37.5	34	52	1470	F	SCD 19
300	**SK3A0300KB9S**	DH5	37.5	34	52	1930	F	SCD 19
500	**SK3A0500KB9S**	DH6	49.0	41.5	64.0	2850	F	SCD 20
750	**SK3A0750KB9S**	DH7	54.0	46.5	72.0	4250	F	SCD 20
1000	**SK3A1000KB9S**	DH8	60.0	49.5	82.0	5600	F	SCD 10

480 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KK9S**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030KK9S**	DH2	25.75	23.75	28.75	330	F or W/C	SCD 19
45	**SK3A0045KK9S**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075KK9S**	DH3	28.25	27	36	550	F (Opt W/C)	SCD 19
112.5	**SK3A0112KK9S**	DH3	28.25	27	36	720	F (Opt W/C)	SCD 19
150	**SK3A0150KK9S**	DH4	31.5	29.5	44.5	1040	F	SCD 19
225	**SK3A0225KK9S**	DH5	37.5	34	52	1470	F	SCD 19
300	**SK3A0300KK9S**	DH5	37.5	34	52	1930	F	SCD 19
500	**SK3A0500KK9S**	DH6	49.0	41.5	64.0	2850	F	SCD 20
750	**SK3A0750KK9S**	DH7	54.0	46.5	72.0	4250	F	SCD 20
1000	**SK3A1000KK9S**	DH8	60.0	49.5	82.0	5600	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PB9S**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030PB9S**	DH2	25.75	23.75	28.75	330	F or W/C	SCD 19
45	**SK3A0045PB9S**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075PB9S**	DH3	28.25	27	36	550	F (Opt W/C)	SCD 19
112.5	**SK3A0112PB9S**	DH3	28.25	27	36	720	F (Opt W/C)	SCD 19
150	**SK3A0150PB9S**	DH4	31.5	29.5	44.5	1040	F	SCD 19
225	**SK3A0225PB9S**	DH5	37.5	34	52	1470	F	SCD 19
300	**SK3A0300PB9S**	DH5	37.5	34	52	1930	F	SCD 19
500	**SK3A0500PB9S**	DH6	49.0	41.5	64.0	2850	F	SCD 20
750	**SK3A0750PB9S**	DH7	54.0	46.5	72.0	4250	F	SCD 20
1000	**SK3A1000PB9S**	DH8	60.0	49.5	82.0	5600	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PK9S**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030PK9S**	DH2	25.75	23.75	28.75	330	F or W/C	SCD 19
45	**SK3A0045PK9S**	DH2	25.75	23.75	28.75	410	F or W/C	SCD 19
75	**SK3A0075PK9S**	DH3	28.25	27	36	550	F (Opt W/C)	SCD 19
112.5	**SK3A0112PK9S**	DH3	28.25	27	36	720	F (Opt W/C)	SCD 19
150	**SK3A0150PK9S**	DH4	31.5	29.5	44.5	1040	F	SCD 19
225	**SK3A0225PK9S**	DH5	37.5	34	52	1470	F	SCD 19
300	**SK3A0300PK9S**	DH5	37.5	34	52	1930	F	SCD 19
500	**SK3A0500PK9S**	DH6	49.0	41.5	64.0	2850	F	SCD 20
750	**SK3A0750PK9S**	DH7	54.0	46.5	72.0	4250	F	SCD 20
1000	**SK3A1000PK9S**	DH8	60.0	49.5	82.0	5600	F	SCD 10

W/C: Built-in Wall Ceiling Mounting

K-FACTOR 9
COPPER WOUND, SHIELDED, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KB9K**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030KB9K**	DH2	25.75	23.75	28.75	360	F or W/C	SCD 19
45	**SK3A0045KB9K**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075KB9K**	DH3	28.25	27	36	610	F (Opt W/C)	SCD 19
112.5	**SK3A0112KB9K**	DH3	28.25	27	36	830	F (Opt W/C)	SCD 19
150	**SK3A0150KB9K**	DH4	31.5	29.5	44.5	1080	F	SCD 19
225	**SK3A0225KB9K**	DH4	31.5	29.5	44.5	1600	F	SCD 19
300	**SK3A0300KB9K**	DH5	37.5	34	52	2040	F	SCD 19
500	**SK3A0500KB9K**	DH6	49.0	41.5	64.0	3300	F	SCD 20
750	**SK3A0750KB9K**	DH6	49.0	41.5	64.0	4400	F	SCD 20
1000	**SK3A1000KB9K**	DH7	54.0	46.5	72.0	5400	F	SCD 10

480 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KK9K**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030KK9K**	DH2	25.75	23.75	28.75	360	F or W/C	SCD 19
45	**SK3A0045KK9K**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075KK9K**	DH3	28.25	27	36	610	F (Opt W/C)	SCD 19
112.5	**SK3A0112KK9K**	DH3	28.25	27	36	830	F (Opt W/C)	SCD 19
150	**SK3A0150KK9K**	DH4	31.5	29.5	44.5	1080	F	SCD 19
225	**SK3A0225KK9K**	DH4	31.5	29.5	44.5	1600	F	SCD 19
300	**SK3A0300KK9K**	DH5	37.5	34	52	2040	F	SCD 19
500	**SK3A0500KK9K**	DH6	49.0	41.5	64.0	3300	F	SCD 20
750	**SK3A0750KK9K**	DH6	49.0	41.5	64.0	4400	F	SCD 20
1000	**SK3A1000KK9K**	DH7	54.0	46.5	72.0	5400	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PB9K**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030PB9K**	DH2	25.75	23.75	28.75	360	F or W/C	SCD 19
45	**SK3A0045PB9K**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075PB9K**	DH3	28.25	27	36	610	F (Opt W/C)	SCD 19
112.5	**SK3A0112PB9K**	DH3	28.25	27	36	830	F (Opt W/C)	SCD 19
150	**SK3A0150PB9K**	DH4	31.5	29.5	44.5	1080	F	SCD 19
225	**SK3A0225PB9K**	DH4	31.5	29.5	44.5	1600	F	SCD 19
300	**SK3A0300PB9K**	DH5	37.5	34	52	2040	F	SCD 19
500	**SK3A0500PB9K**	DH6	49.0	41.5	64.0	3300	F	SCD 20
750	**SK3A0750PB9K**	DH6	49.0	41.5	64.0	4400	F	SCD 20
1000	**SK3A1000PB9K**	DH7	54.0	46.5	72.0	5400	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PK9K**	DH1	21.5	20.13	22	230	F or W/C	SCD 19
30	**SK3A0030PK9K**	DH2	25.75	23.75	28.75	360	F or W/C	SCD 19
45	**SK3A0045PK9K**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075PK9K**	DH3	28.25	27	36	610	F (Opt W/C)	SCD 19
112.5	**SK3A0112PK9K**	DH3	28.25	27	36	830	F (Opt W/C)	SCD 19
150	**SK3A0150PK9K**	DH4	31.5	29.5	44.5	1080	F	SCD 19
225	**SK3A0225PK9K**	DH4	31.5	29.5	44.5	1600	F	SCD 19
300	**SK3A0300PK9K**	DH5	37.5	34	52	2040	F	SCD 19
500	**SK3A0500PK9K**	DH6	49.0	41.5	64.0	3300	F	SCD 20
750	**SK3A0750PK9K**	DH6	49.0	41.5	64.0	4400	F	SCD 20
1000	**SK3A1000PK9K**	DH7	54.0	46.5	72.0	5400	F	SCD 10

W/C: Built-in Wall Ceiling Mounting

Selection Tables

HPS Sentinel K
Energy Efficient K-Factor

Hammond Power Solutions

K-FACTOR 13
ALUMINUM WOUND, SHIELDED, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KB3S**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030KB3S**	DH2	25.75	23.75	28.75	340	F or W/C	SCD 19
45	**SK3A0045KB3S**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075KB3S**	DH3	28.25	27	36	560	F (Opt W/C)	SCD 19
112.5	**SK3A0112KB3S**	DH3	28.25	27	36	730	F (Opt W/C)	SCD 19
150	**SK3A0150KB3S**	DH4	31.5	29.5	44.5	1070	F	SCD 19
225	**SK3A0225KB3S**	DH5	37.5	34	52	1500	F	SCD 19
300	**SK3A0300KB3S**	DH5	37.5	34	52	1950	F	SCD 19
500	**SK3A0500KB3S**	DH6	49.0	41.5	64.0	2900	F	SCD 20
750	**SK3A0750KB3S**	DH7	54.0	46.5	72.0	4400	F	SCD 20
1000	**SK3A1000KB3S**	DH8	60.0	49.5	82.0	5700	F	SCD 10

480 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KK3S**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030KK3S**	DH2	25.75	23.75	28.75	340	F or W/C	SCD 19
45	**SK3A0045KK3S**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075KK3S**	DH3	28.25	27	36	560	F (Opt W/C)	SCD 19
112.5	**SK3A0112KK3S**	DH3	28.25	27	36	730	F (Opt W/C)	SCD 19
150	**SK3A0150KK3S**	DH4	31.5	29.5	44.5	1070	F	SCD 19
225	**SK3A0225KK3S**	DH5	37.5	34	52	1500	F	SCD 19
300	**SK3A0300KK3S**	DH5	37.5	34	52	1950	F	SCD 19
500	**SK3A0500KK3S**	DH6	49.0	41.5	64.0	2900	F	SCD 20
750	**SK3A0750KK3S**	DH7	54.0	46.5	72.0	4400	F	SCD 20
1000	**SK3A1000KK3S**	DH8	60.0	49.5	82.0	5700	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PB3S**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030PB3S**	DH2	25.75	23.75	28.75	340	F or W/C	SCD 19
45	**SK3A0045PB3S**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075PB3S**	DH3	28.25	27	36	560	F (Opt W/C)	SCD 19
112.5	**SK3A0112PB3S**	DH3	28.25	27	36	730	F (Opt W/C)	SCD 19
150	**SK3A0150PB3S**	DH4	31.5	29.5	44.5	1070	F	SCD 19
225	**SK3A0225PB3S**	DH5	37.5	34	52	1500	F	SCD 19
300	**SK3A0300PB3S**	DH5	37.5	34	52	1950	F	SCD 19
500	**SK3A0500PB3S**	DH6	49.0	41.5	64.0	2900	F	SCD 20
750	**SK3A0750PB3S**	DH7	54.0	46.5	72.0	4400	F	SCD 20
1000	**SK3A1000PB3S**	DH8	60.0	49.5	82.0	5700	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PK3S**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030PK3S**	DH2	25.75	23.75	28.75	340	F or W/C	SCD 19
45	**SK3A0045PK3S**	DH2	25.75	23.75	28.75	420	F or W/C	SCD 19
75	**SK3A0075PK3S**	DH3	28.25	27	36	560	F (Opt W/C)	SCD 19
112.5	**SK3A0112PK3S**	DH3	28.25	27	36	730	F (Opt W/C)	SCD 19
150	**SK3A0150PK3S**	DH4	31.5	29.5	44.5	1070	F	SCD 19
225	**SK3A0225PK3S**	DH5	37.5	34	52	1500	F	SCD 19
300	**SK3A0300PK3S**	DH5	37.5	34	52	1950	F	SCD 19
500	**SK3A0500PK3S**	DH6	49.0	41.5	64.0	2900	F	SCD 20
750	**SK3A0750PK3S**	DH7	54.0	46.5	72.0	4400	F	SCD 20
1000	**SK3A1000PK3S**	DH8	60.0	49.5	82.0	5700	F	SCD 10

W/C: Built-in Wall Ceiling Mounting

Data subject to change without notice.

K-FACTOR 13
COPPER WOUND, SHIELDED, THREE PHASE

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KB3K**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030KB3K**	DH2	25.75	23.75	28.75	370	F or W/C	SCD 19
45	**SK3A0045KB3K**	DH2	25.75	23.75	28.75	430	F or W/C	SCD 19
75	**SK3A0075KB3K**	DH3	28.25	27	36	620	F (Opt W/C)	SCD 19
112.5	**SK3A0112KB3K**	DH3	28.25	27	36	840	F (Opt W/C)	SCD 19
150	**SK3A0150KB3K**	DH4	31.5	29.5	44.5	1100	F	SCD 19
225	**SK3A0225KB3K**	DH4	31.5	29.5	44.5	1620	F	SCD 19
300	**SK3A0300KB3K**	DH5	37.5	34	52	2060	F	SCD 19
500	**SK3A0500KB3K**	DH6	49.0	41.5	64.0	3400	F	SCD 20
750	**SK3A0750KB3K**	DH6	49.0	41.5	64.0	4500	F	SCD 20
1000	**SK3A1000KB3K**	DH7	54.0	46.5	72.0	5700	F	SCD 10

480 Delta Primary Volts — 480Y/277 Secondary Volts — 60 Hz

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015KK3K**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030KK3K**	DH2	25.75	23.75	28.75	370	F or W/C	SCD 19
45	**SK3A0045KK3K**	DH2	25.75	23.75	28.75	430	F or W/C	SCD 19
75	**SK3A0075KK3K**	DH3	28.25	27	36	620	F (Opt W/C)	SCD 19
112.5	**SK3A0112KK3K**	DH3	28.25	27	36	840	F (Opt W/C)	SCD 19
150	**SK3A0150KK3K**	DH4	31.5	29.5	44.5	1100	F	SCD 19
225	**SK3A0225KK3K**	DH4	31.5	29.5	44.5	1620	F	SCD 19
300	**SK3A0300KK3K**	DH5	37.5	34	52	2060	F	SCD 19
500	**SK3A0500KK3K**	DH6	49.0	41.5	64.0	3400	F	SCD 20
750	**SK3A0750KK3K**	DH6	49.0	41.5	64.0	4500	F	SCD 20
1000	**SK3A1000KK3K**	DH7	54.0	46.5	72.0	5700	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PB3K**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030PB3K**	DH2	25.75	23.75	28.75	370	F or W/C	SCD 19
45	**SK3A0045PB3K**	DH2	25.75	23.75	28.75	430	F or W/C	SCD 19
75	**SK3A0075PB3K**	DH3	28.25	27	36	620	F (Opt W/C)	SCD 19
112.5	**SK3A0112PB3K**	DH3	28.25	27	36	840	F (Opt W/C)	SCD 19
150	**SK3A0150PB3K**	DH4	31.5	29.5	44.5	1100	F	SCD 19
225	**SK3A0225PB3K**	DH4	31.5	29.5	44.5	1620	F	SCD 19
300	**SK3A0300PB3K**	DH5	37.5	34	52	2060	F	SCD 19
500	**SK3A0500PB3K**	DH6	49.0	41.5	64.0	3400	F	SCD 20
750	**SK3A0750PB3K**	DH6	49.0	41.5	64.0	4500	F	SCD 20
1000	**SK3A1000PB3K**	DH7	54.0	46.5	72.0	5700	F	SCD 10

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SK3A0015PK3K**	DH1	21.5	20.13	22	240	F or W/C	SCD 19
30	**SK3A0030PK3K**	DH2	25.75	23.75	28.75	370	F or W/C	SCD 19
45	**SK3A0045PK3K**	DH2	25.75	23.75	28.75	430	F or W/C	SCD 19
75	**SK3A0075PK3K**	DH3	28.25	27	36	620	F (Opt W/C)	SCD 19
112.5	**SK3A0112PK3K**	DH3	28.25	27	36	840	F (Opt W/C)	SCD 19
150	**SK3A0150PK3K**	DH4	31.5	29.5	44.5	1100	F	SCD 19
225	**SK3A0225PK3K**	DH4	31.5	29.5	44.5	1620	F	SCD 19
300	**SK3A0300PK3K**	DH5	37.5	34	52	2060	F	SCD 19
500	**SK3A0500PK3K**	DH6	49.0	41.5	64.0	3400	F	SCD 20
750	**SK3A0750PK3K**	DH6	49.0	41.5	64.0	4500	F	SCD 20
1000	**SK3A1000PK3K**	DH7	54.0	46.5	72.0	5700	F	SCD 10

W/C: Built-in Wall Ceiling Mounting

ALUMINUM WOUND, SHIELDED, THREE PHASE
0° PHASE SHIFT

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3T0015KB3S**	DH1	21.5	20.13	22.0	250	F or W*/C*	SCD62
30	**SH3T0030KB3S**	DH2	25.75	23.75	28.75	380	F or W*/C*	SCD62
45	**SH3T0045KB3S**	DH2	25.75	23.75	28.75	450	F or W*/C*	SCD62
75	**SH3T0075KB3S**	DH3	28.25	27.0	36.0	650	F (Opt W/C)	SCD62
112.5	**SH3T0112KB3S**	DH3	28.25	27.0	36.0	880	F (Opt W/C)	SCD62
150	**SH3T0150KB3S**	DH4	31.5	29.5	44.5	1160	F	SCD62
225	**SH3T0225KB3S**	DH5	37.5	34.0	52.0	1720	F	SCD62
300	**SH3T0300KB3S**	DH5	37.5	34.0	52.0	2150	F	SCD63
500	**SH3T0500KB3S**	DH6	49.0	41.5	64.0	3600	F	SCD63
750	**SH3T0750KB3S**	DH7	54.0	46.5	72.0	4800	F	SCD63
1000	**SH3T1000KB3S**	DH8	60.0	49.5	82.0	6000	F	SCD63

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3T0015PB3S**	DH1	21.5	20.13	22.0	250	F or W*/C*	SCD62
30	**SH3T0030PB3S**	DH2	25.75	23.75	28.75	380	F or W*/C*	SCD62
45	**SH3T0045PB3S**	DH2	25.75	23.75	28.75	450	F or W*/C*	SCD62
75	**SH3T0075PB3S**	DH3	28.25	27.0	36.0	650	F (Opt W/C)	SCD62
112.5	**SH3T0112PB3S**	DH3	28.25	27.0	36.0	880	F (Opt W/C)	SCD62
150	**SH3T0150PB3S**	DH4	31.5	29.5	44.5	1160	F	SCD62
225	**SH3T0225PB3S**	DH5	37.5	34.0	52.0	1720	F	SCD62
300	**SH3T0300PB3S**	DH5	37.5	34.0	52.0	2150	F	SCD63
500	**SH3T0500PB3S**	DH6	49.0	41.5	64.0	3600	F	SCD63
750	**SH3T0750PB3S**	DH7	54.0	46.5	72.0	4800	F	SCD63
1000	**SH3T1000PB3S**	DH8	60.0	49.5	82.0	6000	F	SCD63

COPPER WOUND, SHIELDED, THREE PHASE
0° PHASE SHIFT

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3T0015KB3K**	DH1	21.5	20.13	22.0	270	F or W*/C*	SCD62
30	**SH3T0030KB3K**	DH2	25.75	23.75	28.75	410	F or W*/C*	SCD62
45	**SH3T0045KB3K**	DH2	25.75	23.75	28.75	480	F or W*/C*	SCD62
75	**SH3T0075KB3K**	DH3	28.25	27.0	36.0	700	F (Opt W/C)	SCD62
112.5	**SH3T0112KB3K**	DH3	28.25	27.0	36.0	940	F (Opt W/C)	SCD62
150	**SH3T0150KB3K**	DH4	31.5	29.5	44.5	1250	F	SCD62
225	**SH3T0225KB3K**	DH4	31.5	29.5	44.5	1850	F	SCD62
300	**SH3T0300KB3K**	DH5	37.5	34.0	52.0	2300	F	SCD63
500	**SH3T0500KB3K**	DH6	49.0	41.5	64.0	3800	F	SCD63
750	**SH3T0750KB3K**	DH6	49.0	41.5	64.0	5100	F	SCD63
1000	**SH3T1000KB3K**	DH7	54.0	46.5	72.0	6400	F	SCD63

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3T0015PB3K**	DH1	21.5	20.13	22.0	270	F or W*/C*	SCD62
30	**SH3T0030PB3K**	DH2	25.75	23.75	28.75	410	F or W*/C*	SCD62
45	**SH3T0045PB3K**	DH2	25.75	23.75	28.75	480	F or W*/C*	SCD62
75	**SH3T0075PB3K**	DH3	28.25	27.0	36.0	700	F (Opt W/C)	SCD62
112.5	**SH3T0112PB3K**	DH3	28.25	27.0	36.0	940	F (Opt W/C)	SCD62
150	**SH3T0150PB3K**	DH4	31.5	29.5	44.5	1250	F	SCD62
225	**SH3T0225PB3K**	DH4	31.5	29.5	44.5	1850	F	SCD62
300	**SH3T0300PB3K**	DH5	37.5	34.0	52.0	2300	F	SCD63
500	**SH3T0500PB3K**	DH6	49.0	41.5	64.0	3800	F	SCD63
750	**SH3T0750PB3K**	DH6	49.0	41.5	64.0	5100	F	SCD63
1000	**SH3T1000PB3K**	DH7	54.0	46.5	72.0	6400	F	SCD63

Sentinel H type Harmonic Mitigating transformers have a standard K13 load profile.
Other K load profiles are available by contacting our sales offices.

ALUMINUM WOUND, SHIELDED, THREE PHASE -30° PHASE SHIFT

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3U0015KB3S**	DH1	21.5	20.13	22.0	260	F or W*/C*	SCD62
30	**SH3U0030KB3S**	DH2	25.75	23.75	28.75	400	F or W*/C*	SCD62
45	**SH3U0045KB3S**	DH2	25.75	23.75	28.75	480	F or W*/C*	SCD62
75	**SH3U0075KB3S**	DH3	28.25	27.0	36.0	690	F (Opt W/C)	SCD62
112.5	**SH3U0112KB3S**	DH3	28.25	27.0	36.0	930	F (Opt W/C)	SCD62
150	**SH3U0150KB3S**	DH4	31.5	29.5	44.5	1220	F	SCD62
225	**SH3U0225KB3S**	DH5	37.5	34.0	52.0	1800	F	SCD62
300	**SH3U0300KB3S**	DH5	37.5	34.0	52.0	2250	F	SCD63
500	**SH3U0500KB3S**	DH6	49.0	41.5	64.0	3800	F	SCD63
750	**SH3U0750KB3S**	DH7	54.0	46.5	72.0	5100	F	SCD63
1000	**SH3U1000KB3S**	DH8	60.0	49.5	82.0	6300	F	SCD63

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3U0015PB3S**	DH1	21.5	20.13	22.0	260	F or W*/C*	SCD62
30	**SH3U0030PB3S**	DH2	25.75	23.75	28.75	400	F or W*/C*	SCD62
45	**SH3U0045PB3S**	DH2	25.75	23.75	28.75	480	F or W*/C*	SCD62
75	**SH3U0075PB3S**	DH3	28.25	27.0	36.0	690	F (Opt W/C)	SCD62
112.5	**SH3U0112PB3S**	DH3	28.25	27.0	36.0	930	F (Opt W/C)	SCD62
150	**SH3U0150PB3S**	DH4	31.5	29.5	44.5	1220	F	SCD62
225	**SH3U0225PB3S**	DH5	37.5	34.0	52.0	1800	F	SCD62
300	**SH3U0300PB3S**	DH5	37.5	34.0	52.0	2250	F	SCD63
500	**SH3U0500PB3S**	DH6	49.0	41.5	64.0	3800	F	SCD63
750	**SH3U0750PB3S**	DH7	54.0	46.5	72.0	5100	F	SCD63
1000	**SH3U1000PB3S**	DH8	60.0	49.5	82.0	6300	F	SCD63

COPPER WOUND, SHIELDED, THREE PHASE -30° PHASE SHIFT

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3U0015KB3K**	DH1	21.5	20.13	22.0	270	F or W*/C*	SCD62
30	**SH3U0030KB3K**	DH2	25.75	23.75	28.75	410	F or W*/C*	SCD62
45	**SH3U0045KB3K**	DH2	25.75	23.75	28.75	480	F or W*/C*	SCD62
75	**SH3U0075KB3K**	DH3	28.25	27.0	36.0	700	F (Opt W/C)	SCD62
112.5	**SH3U0112KB3K**	DH3	28.25	27.0	36.0	940	F (Opt W/C)	SCD62
150	**SH3U0150KB3K**	DH4	31.5	29.5	44.5	1250	F	SCD62
225	**SH3U0225KB3K**	DH4	31.5	29.5	44.5	1850	F	SCD62
300	**SH3U0300KB3K**	DH5	37.5	34.0	52.0	2300	F	SCD63
500	**SH3U0500KB3K**	DH6	49.0	41.5	64.0	3800	F	SCD63
750	**SH3U0750KB3K**	DH6	49.0	41.5	64.0	5100	F	SCD63
1000	**SH3U1000KB3K**	DH7	54.0	46.5	72.0	6400	F	SCD63

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

kVA	Catalog Number	Case Style	Approx. Dimensions (Inches) Width	Depth	Height	Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
15	**SH3U0015PB3K**	DH1	21.5	20.13	22.0	270	F or W*/C*	SCD62
30	**SH3U0030PB3K**	DH2	25.75	23.75	28.75	410	F or W*/C*	SCD62
45	**SH3U0045PB3K**	DH2	25.75	23.75	28.75	480	F or W*/C*	SCD62
75	**SH3U0075PB3K**	DH3	28.25	27.0	36.0	700	F (Opt W/C)	SCD62
112.5	**SH3U0112PB3K**	DH3	28.25	27.0	36.0	940	F (Opt W/C)	SCD62
150	**SH3U0150PB3K**	DH4	31.5	29.5	44.5	1250	F	SCD62
225	**SH3U0225PB3K**	DH4	31.5	29.5	44.5	1850	F	SCD62
300	**SH3U0300PB3K**	DH5	37.5	34.0	52.0	2300	F	SCD63
500	**SH3U0500PB3K**	DH6	49.0	41.5	64.0	3800	F	SCD63
750	**SH3U0750PB3K**	DH6	49.0	41.5	64.0	5100	F	SCD63
1000	**SH3U1000PB3K**	DH7	54.0	46.5	72.0	6400	F	SCD63

Sentinel H type Harmonic Mitigating transformers have a standard K13 load profile.
Other K load profiles are available by contacting our sales offices.

TERMINATION DETAILS - TYPE 3R

For standard 150°C temperature rise units.

SINGLE PHASE, ALUMINUM AND COPPER TERMINATION - LUGS OR PADS

kVA	VOLTAGE 120	120/240	208	240	277	347	380	416	480	600
15	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
25	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
37.5	Dia. 2	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
50	Dia. 2	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
75	Dia. 3	Dia. 2	Dia. 2	Dia. 2	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
100	Dia. 3	Dia. 2	Dia. 2	Dia. 2	Dia. 2	Dia. 2	Lugs	Lugs	Lugs	Lugs
150	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 2	Dia. 2	Dia. 2	Dia. 2	Dia. 2	Lugs
167	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 2	Dia. 3	Dia. 3	Dia. 3	Dia. 2

THREE PHASE, ALUMINUM AND COPPER TERMINATION - LUGS OR PADS

kVA	VOLTAGE 208	230	240	277	380	416	480	600
15	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
30	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
45	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
75	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
112.5	Lugs**	Dia. 1B	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
150	Dia. 1B	Dia. 1B	Dia. 1B	Dia. 1B	Lugs	Lugs	Lugs	Lugs
225	Dia. 2	Dia. 1B	Dia. 1B	Dia. 1B	Dia. 1B	Dia. 1B	Lugs	Lugs
300	Dia. 2	Dia. 2	Dia. 2	Dia. 2	Dia. 1B	Dia. 1B	Dia. 1B	Dia. 1B
500	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 2	Dia. 2	Dia. 1B
750	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 3	Dia. 2
1000	Dia.4	Dia.4	Dia.4	Dia.4	Dia.3	Dia.3	Dia.3	Dia.3

** Lugs only supplied standard on 600V primary to 208Y/120V secondary units. (excluding K-Factor transformers)
All other voltages supplied standard with Diagram 1B pads.

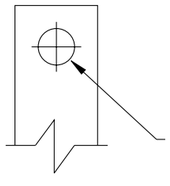


DIAGRAM 1

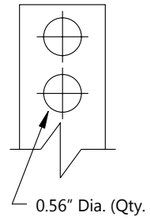


DIAGRAM 2

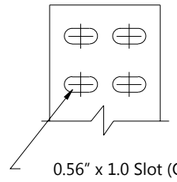


DIAGRAM 3

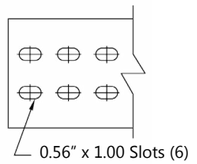
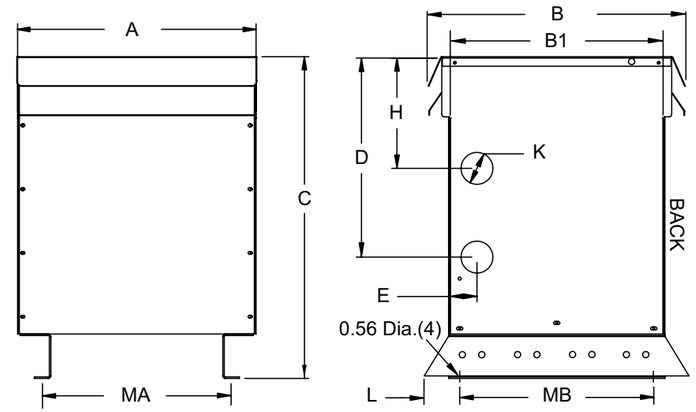


DIAGRAM 4

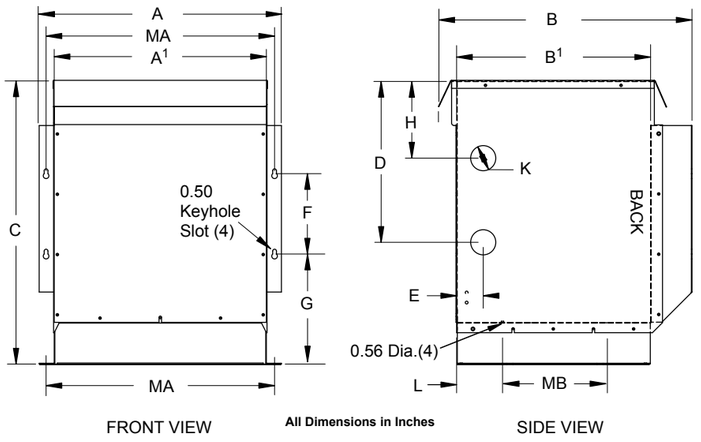
Enclosure Drawings

NH, NJ Series



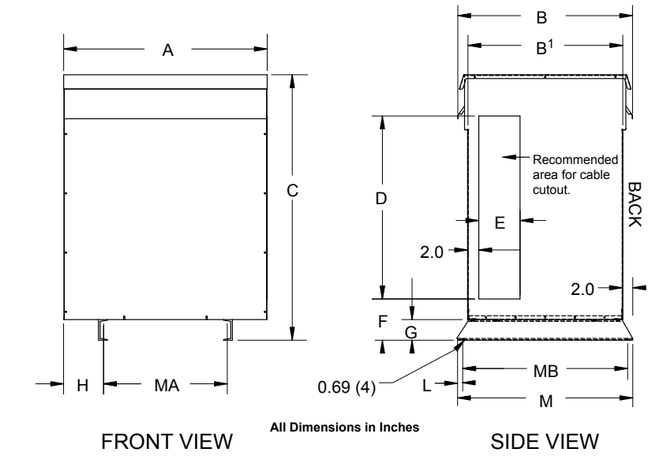
Case Style	Dimensions in Inches										
	A	B	B1	C	D	E	H	K[1]	L	MA	MB
NH3	26.00	25.00	24.00	38.00	24.00	2.50	14.00	2.00 X 3.00	2.50	21.50	19.00
NH4	32.00	29.50	28.50	41.00	24.00	2.50	12.00	2.00 X 3.00	2.50	23.50	23.50

Note: Mounting hole dimension is 0.56" diameter.
[1] Knockout (K) sizes are actual diameters of knockout, not conduit sizes.



Case Style	Dimensions in Inches													
	A	A[1]	B	B[1]	C	D	E	F	G	H	K[1]	L	MA	MB
NH5	19.40	16.75	20.20	15.00	21.50	12.00	2.00	7.00	7.81	6.00	1.38 X 1.75	2.80	18.00	9.00
NH6	23.90	21.50	25.00	19.50	28.75	17.00	2.00	8.00	10.29	8.50	1.38 X 2.50	5.20	22.75	9.00

Note: Mounting hole dimension is 0.56" diameter.
[1] Knockout (K) sizes are actual diameters of knockout, not conduit sizes.

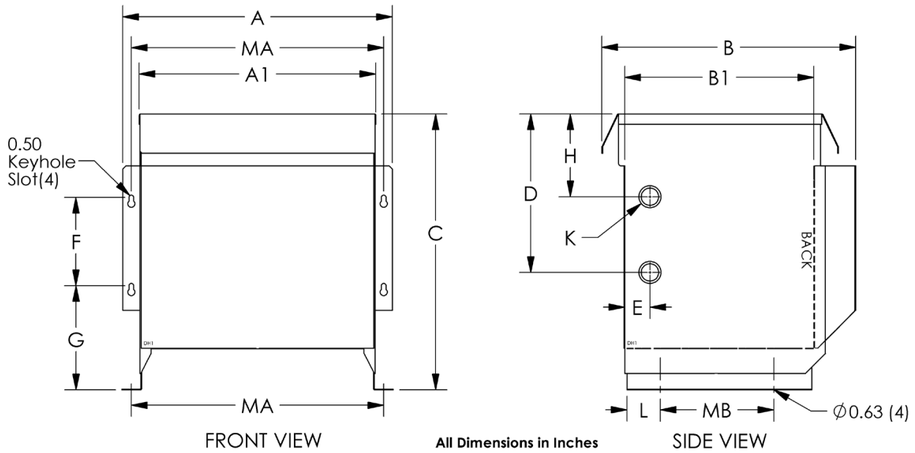


Case Style	Dimensions in Inches												
	A	B	B[1]	C	D	E	F	G	H	L	M	MA	MB
NJ4	32.00	32.50	28.50	50.00	34.00	8.00	8.00	4.00	5.00	1.00	32.50	22.00	30.50

Note: Mounting hole dimension is 0.69" diameter.

Enclosure Drawings

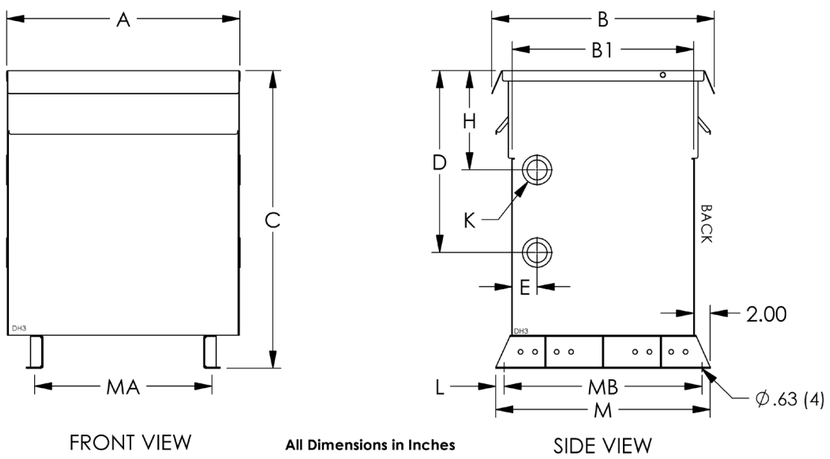
DH Series



All Dimensions in Inches

Case Style	Dimensions in Inches													
	A	A1	B	B1	C	D	E	F	G	H	K	L	MA	MB
DH1	21.5	18.8	20.1	15	22	12.6	2	7	8.3	6.6	1.38 X 1.75 K.O.	2.6	20	9
DH2	25.8	23.3	23.8	18	28.8	17	2	8	10.3	8.6	1.75 X 2.50 K.O.	3.8	24.6	9

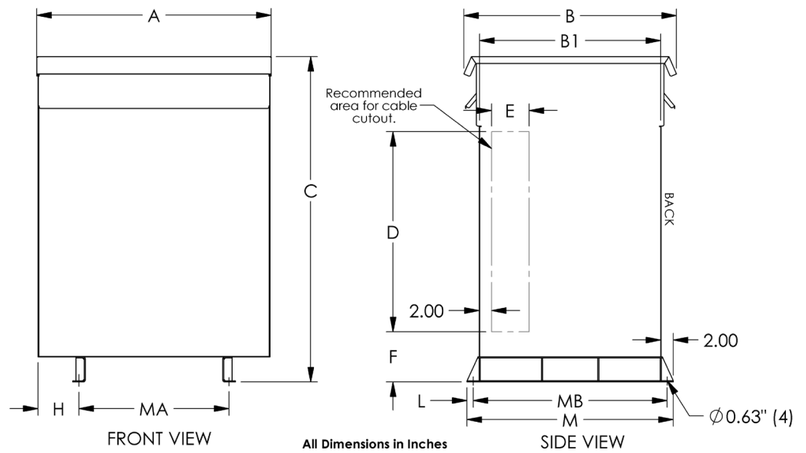
[1] Knockout (K) sizes are actual diameters of knockout, not conduit sizes.



All Dimensions in Inches

Case Style	Dimensions in Inches										
	A	B	B1	C	D	E	H	K	L	M	MA	MB
DH3	28.3	27	22	36	22	3	12	2.00 X 3.00 K.O	1	26	21.5	24
DH4	31.5	29.5	24.5	44.5	27.5	3	14.5	2.00 X 3.00 K.O.	1	28.5	23.5	26.5

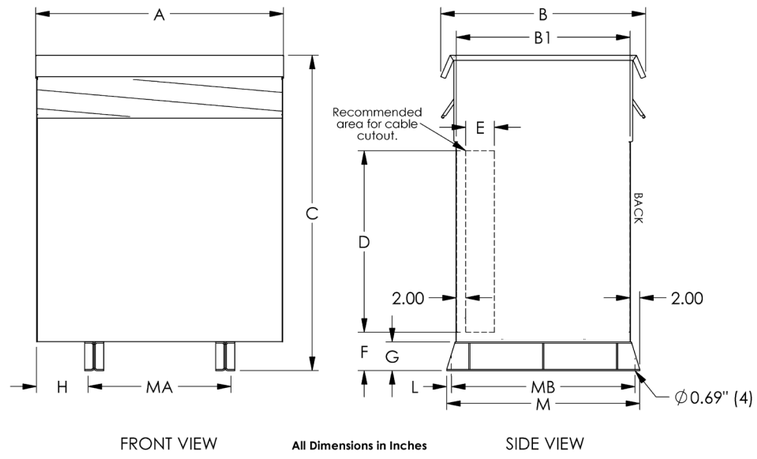
[1] Knockout (K) sizes are actual diameters of knockout, not conduit sizes.



All Dimensions in Inches

Case Style	Dimensions in Inches											
	A	B	B1	C	D	E	F	H	L	M	MA	MB
DH5	37.5	34	29	52	32	6	8	6.6	1	33	24	31

[1] Knockout (K) sizes are actual diameters of knockout, not conduit sizes.



All Dimensions in Inches

Case Style	Dimensions in Inches												
	A	B	B1	C	D	E	F	G	H	L	M	MA	MB
DH6	49	41.5	35	64	32	6	10	6	9.3	1	39	30	37
DH7	54	46.5	40	72	40	8	10	6	8.8	1	44	36	42
DH8	60	49.5	43	82	50	10	10	6	9.8	1	47	40	45
DH9	68	49.5	43	72	40	10	10	6	11.8	1	47	44	45
DH10	78	54.5	48	78	46	10	10	6	14.8	1	52	48	50

[1] Knockout (K) sizes are actual diameters of knockout, not conduit sizes.

ENCLOSURE MOUNTING KITS

If wall and/or ceiling mounting is desired for a transformer, optional mounting kits can be ordered separately. These mounting kits are NOT available for all enclosure case styles. Therefore, it is important that you confirm your enclosure case style, then use the selection table to the right to determine if A) a mounting kit is available and B) determine the correct HPS "Mounting Kit" part number that you must order. One kit is required for each transformer. NOTE: Seismic qualification available for floor mounting only.

Note: Some of the mounting kits can be used for both wall and ceiling mount, while others are for wall mounting only. The table indicates which mounting methods are available for each kit. The DW3, NW2 wall/ceiling mounting kit also includes a drip plate.

The DW3 and NW2 wall/ceiling mounting kit is only designed for units up to 800 pounds (341 kg) maximum.

If it is intended to wall and/or ceiling mount an enclosure that does not have a wall/ceiling mount kit available, considerations must be made to mechanically support the transformer safely and to install per the local building code. A drip plate must be provided beneath the enclosure per UL 1561 and CSA C22.2 No. 47.

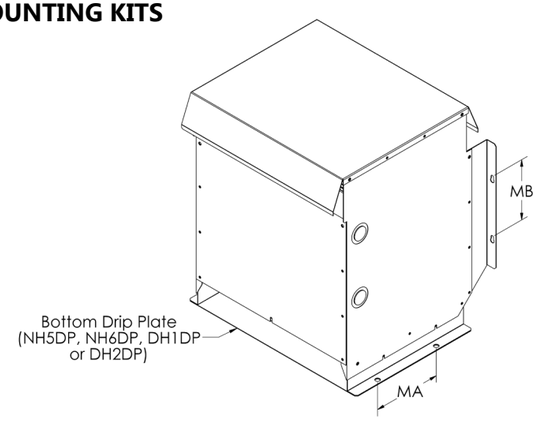
Enclosure Case Style	Wall Mount Available	Ceiling Mount Available	HPS Mounting Kit P/N
DH1	Yes	Yes	DH1DP
DH2	Yes	Yes	DH2DP
DH3	Yes	Yes	DW3
DH4	No	No	N/A
DH5	No	No	N/A
DH6	No	No	N/A
DH7	No	No	N/A
DH8	No	No	N/A
NJ4	No	No	N/A
NH3	Yes	Yes	NW2
NH4	No	No	N/A
NH5	Yes	Yes	NH5DP
NH6	Yes	Yes	NH6DP

NH5DP, NH6DP, DH1DP, DH2DP WALL/CEILING MOUNTING KITS

The DH1, DH2, NH5 and NH6 enclosures are designed with integral wall mounting capabilities. However, when you wall mount them, you must also install the bottom drip plate as shown below. The "MB" dimensions listed in the table below indicate the location for the wall mounting hardware.

For ceiling mounting of the DH1, DH2, NH5 and NH6, refer to the "MA" dimensions listed in the table below and hang the enclosure using appropriate sized ceiling hanger rods. However, you must be sure to install the bottom drip plate to the bottom of the enclosure, then bring the hanger rod down through both the enclosure bottom mounting holes, through the drip plate mounting holes, and install mounting hardware.

Note: Do not ceiling mount either the DH1, DH2, NH5 or NH6 enclosures without installing the bottom drip plate. All mounting hardware should be rated Grade 8 or higher.

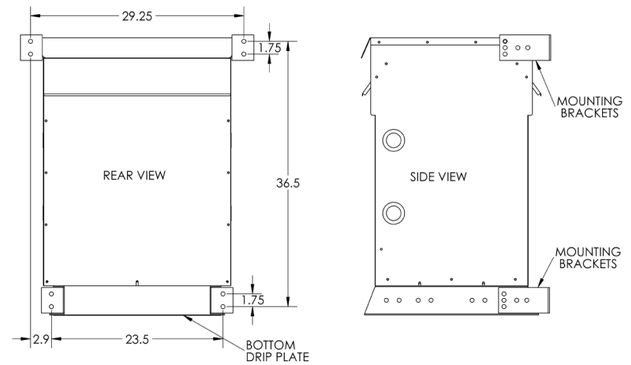


Mounting Kit P/N	Enclosure Style	MA Dimension	MB Dimension
NH5DP	NH5	9.00	7.00
NH6DP	NH6	9.00	8.00
DH1DP	DH1	9.00	7.00
DH2DP	DH2	9.00	8.00

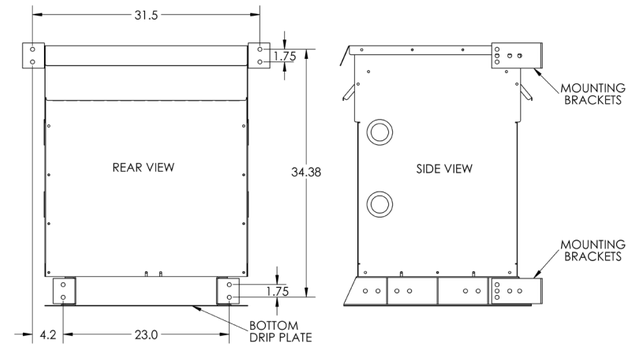
NW2, DW3 WALL MOUNTING KIT DIMENSIONS

The following drawings detail the wall mounting dimensions required and method by which the NW2 and DW3 kits are installed on their respective enclosures, NH3 and DH3. The DW3 wall mounting kit also includes a drip plate.

NW2 Wall Mount Dimensions



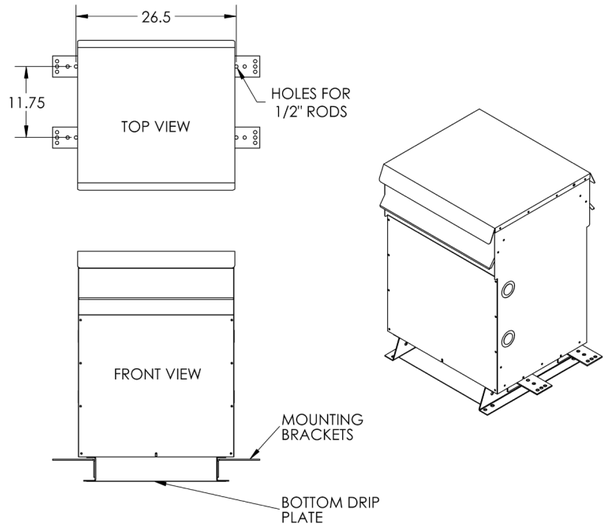
DW3 Wall Mount Dimensions



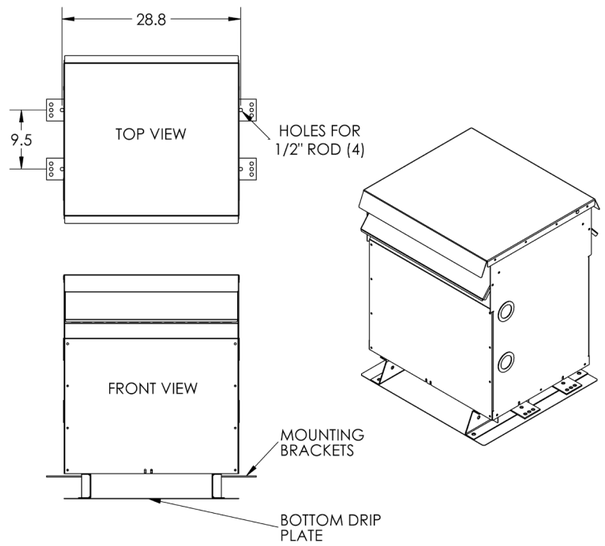
NW2, DW3 CEILING MOUNTING KIT DIMENSIONS

The following drawings detail the ceiling mounting dimensions required and method by which the NW2, DW3 kits are installed on the NH3, DH3 enclosures

NW2 Ceiling Mount - Mounting Dimensions for NH3 Enclosure



DW3 Ceiling Mount - Mounting Dimensions for DH3 Enclosures



ANTI-VIBRATION PAD AND VIBRATION ISOLATOR KITS

All standard transformers come with installed internal vibration absorbing pads to minimize noise during operation. Optional external "anti-vibration" pad and "vibration isolator" (for higher noise dampening) kits can be used to reduce operating noise even further. All are resistant to industrial contaminants like oil, acids and alkalines.

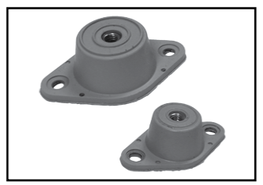
Anti-Vibration Pad Kits

Part No.	Case Style	Description
P1	NH Series	Set of four (4) rubber anti-vibration pads which replace the standard steel enclosure washers.
P2	NJ Series	
PD1	DH1-DH5	
PD2	DH6-DH8	

All anti-vibration pad kits and vibration isolator kits contain a set of four (4) pads or isolators. Therefore only one kit is required per transformer.

Vibration Isolator Kits

Part No.	Transformer Weight (Lb)	Description
NMP1	Up to 340 lbs	Set of four (4) molded neoprene and steel plate assemblies that virtually eliminate vibration noise between the transformer and the mounting surface.
NMP2	341 to 680 lbs	
NMP3	681 to 1040 lbs	
NMP4	1041 to 1740 lbs	
NMP5	1741 to 2330 lbs	
NMP6	2331 to 3450 lbs	
NMP7	3451 to 4690 lbs	

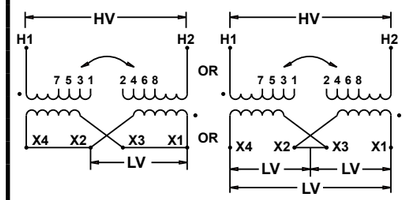


All anti-vibration pad kits and vibration isolator kits contain a set of four (4) pads or isolators. Therefore only one kit is required per transformer.

Electrical Schematics & Connection Drawings

SCD 2

SCHEMATIC



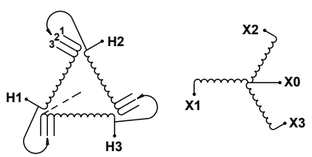
CONNECTIONS

Primary Volts			Connect lines to	Inter-connect
504	440	218	H1, H2	1-2
492	416	213	H1, H2	2-3
480	400	208	H1, H2	3-4
468	380	203	H1, H2	4-5
456	220	198	H1, H2	5-6
444	208	192	H1, H2	6-7
432	200	187	H1, H2	7-8
240	190		H1, H2	H1-2, H2-1
228			H1, H2	H1-4, H2-3
216			H1, H2	H1-6, H2-5
			H1, H2	H1-8, H2-7

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 7A

SCHEMATIC



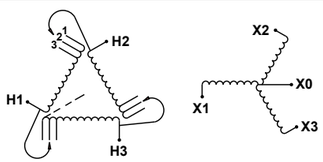
CONNECTIONS

% Voltage	Primary Volts								Connect lines to	Inter-connect
105.0%	218	242	252	437	483	504	604	630	H1, H2, H3	1
100.0%	**208**	**230**	**240**	**416**	**460**	**480**	**575**	**600**	**H1, H2, H3**	**2**
95.0%	198	219	228	395	437	456	546	570	H1, H2, H3	3

Secondary Volts								Connect lines to		
208	230	240	380	416	460	480	600	X1, X2, X3		
120	133	139	220	240	265	277	347	X1, X0	X2, X0	X3, X0

SCD 7B

SCHEMATIC



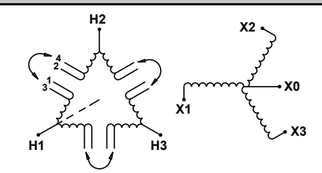
CONNECTIONS

% Voltage	Primary Volts		Connect lines to	Inter-connect
100.0%	**208**	**480**	**H1, H2, H3**	**1**
95.0%	198	456	H1, H2, H3	2
90.0%	187	432	H1, H2, H3	3

Secondary Volts								Connect lines to		
208	230	240	380	416	460	480	600	X1, X2, X3		
120	133	139	220	240	265	277	347	X1, X0	X2, X0	X3, X0

SCD 8

SCHEMATIC



CONNECTIONS

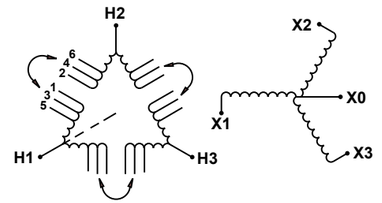
% Voltage	Primary Volts										Connect lines to	Inter-connect
105.0%	218	242	252	437	483	504	604	630	2520	4368	H1, H2, H3	1-2
100.0%	**208**	**230**	**240**	**416**	**460**	**480**	**575**	**600**	**2400**	**4160**	**H1, H2, H3**	**2-3**
95.0%	198	219	228	395	437	456	546	570	2280	3952	H1, H2, H3	3-4

Secondary Volts									Connect lines to		
208	230	240	380	416	460	480	600	X1, X2, X3			
120	133	139	220	240	265	277	347	X1, X0	X2, X0	X3, X0	

Tap arrangements shown are for catalog products only. May not be applicable for other products.

SCD 10

SCHEMATIC



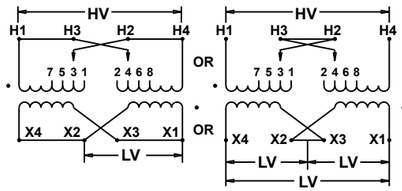
CONNECTIONS

% Voltage	Primary Volts										Connect lines to	Inter-connect
105.0%	218	242	252	437	483	504	604	630	2520	4368	H1, H2, H3	1-2
102.5%	213	236	246	426	472	492	589	615	2460	4264	H1, H2, H3	2-3
100.0%	**208**	**230**	**240**	**416**	**460**	**480**	**575**	**600**	**2400**	**4160**	**H1, H2, H3**	**3-4**
97.5%	203	224	234	406	449	468	561	585	2340	4056	H1, H2, H3	4-5
95.0%	198	219	228	395	437	456	546	570	2280	3952	H1, H2, H3	5-6

Secondary Volts					Connect lines to	
208	380	416	480	600	X1, X2, X3	
120	220	240	277	347	X1, X0	X2,X0 X3,X0

SCD 17

SCHEMATIC



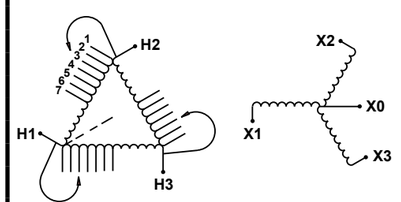
CONNECTIONS

% Voltage	Primary Volts	Connect lines to	Inter-connect
105.0%	252	H1, H4	1-H2, 2-H3, H1-H3, H2-H4
100.0%	**240**	**H1, H4**	**3-H2, 4-H3, H1-H3, H2-H4**
95.0%	228	H1, H4	5-H2, 6-H3, H1-H3, H2-H4
90.0%	216	H1, H4	7-H2, 8-H3, H1-H3 H2-H4
105.0%	504	H1, H4	1-H2, 2-H3, H2-H3
102.5%	492	H1, H4	3-H2, 2-H3, H2-H3
100.0%	**480**	**H1, H4**	**3-H2, 4-H3, H2-H3**
97.5%	468	H1, H4	5-H2, 4-H3, H2-H3
95.0%	456	H1, H4	5-H2, 6-H3, H2-H3
92.5%	444	H1, H4	7-H2, 6-H3, H2-H3
90.0%	432	H1, H4	7-H2, 8-H3, H2-H3

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 19

SCHEMATIC



CONNECTIONS

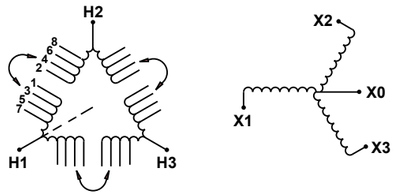
% Voltage	Primary Volts				Connect lines to	Inter-connect
105.0%	218	252	504	630	H1, H2, H3	1-2
102.5%	213	246	492	615	H1, H2, H3	2-3
100.0%	**208**	**240**	**480**	**600**	**H1, H2, H3**	**3-4**
97.5%	203	234	468	585	H1, H2, H3	4-5
95.0%	198	228	456	570	H1, H2, H3	5-6
92.5%	193	222	444	556	H1, H2, H3	6-7
90.0%	188	216	432	542	H1, H2, H3	7-8

Secondary Volts		Connect lines to		
208	480	X1, X2, X3		
120	277	X1, X0	X2, X0	X3, X0

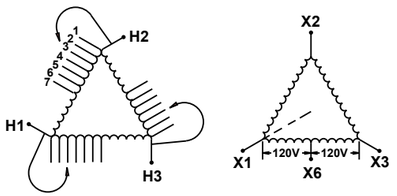
Tap arrangements shown are for catalog products only. May not be applicable for other products.

Electrical Schematics & Connection Drawings

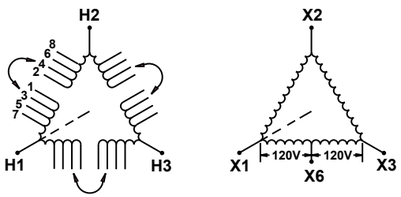
SCD 20

SCHEMATIC	CONNECTIONS				
	% Voltage	Primary Volts		Connect lines to	Inter-connect
	105.0%	218	504 630	H1, H2, H3	1-2
	102.5%	213	492 615	H1, H2, H3	2-3
	100.0%	**208**	**480 600**	**H1, H2, H3**	**3-4**
	97.5%	203	468 585	H1, H2, H3	4-5
	95.0%	198	456 570	H1, H2, H3	5-6
	92.5%	193	444 556	H1, H2, H3	6-7
	90.0%	188	432 542	H1, H2, H3	7-8
	Secondary Volts			Connect lines to	
	208 480			X1, X2, X3	
	120 277			X1, X0 X2, X0 X3, X0	

SCD 21

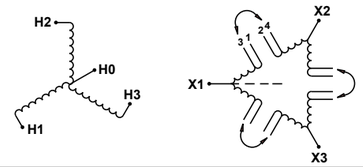
SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	504	H1, H2, H3	1
	102.5%	492	H1, H2, H3	2
	100.0%	**480**	**H1, H2, H3**	**3**
	97.5%	468	H1, H2, H3	4
	95.0%	456	H1, H2, H3	5
	92.5%	444	H1, H2, H3	6
	90.0%	432	H1, H2, H3	7
	Secondary Volts		Connect lines to	
	240		X1, X2, X3	
	120		X1, X6 X3, X6	

SCD 22

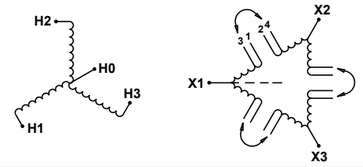
SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	504	H1, H2, H3	1-2
	102.5%	492	H1, H2, H3	2-3
	100.0%	**480**	**H1, H2, H3**	**3-4**
	97.5%	468	H1, H2, H3	4-5
	95.0%	456	H1, H2, H3	5-6
	92.5%	444	H1, H2, H3	6-7
	90.0%	432	H1, H2, H3	7-8
	Secondary Volts		Connect lines to	
	240		X1, X2, X3	
	120		X1, X6 X3, X6	

Tap arrangements shown are for catalog products only. May not be applicable for other products.

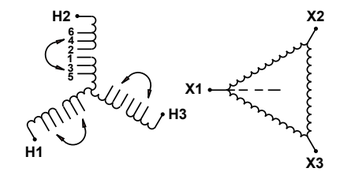
SCD 23A

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	218 252	X1, X2, X3	1-2
	100.0%	**208 240**	**X1, X2, X3**	**2-3**
	95.0%	198 228	X1, X2, X3	3-4
	Secondary Volts		Connect lines to	
	480		H1, H2, H3	
	277		H1, H0 H2, H0 H3, H0	

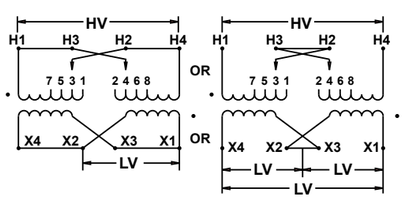
SCD 23B

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	100.0%	**208 240**	**X1, X2, X3**	**1-2**
	95.0%	198 228	X1, X2, X3	2-3
	90.0%	188 216	X1, X2, X3	3-4
	Secondary Volts		Connect lines to	
	230 260 460 480		H1, H2, H3	
	133 139 265 277		H1, H0 H2, H0 H3, H0	

SCD 29

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	630 504	H1, H2, H3	1-2
	102.5%	615 492	H1, H2, H3	2-3
	100.0%	**600 480**	**H1, H2, H3**	**3-4**
	97.5%	585 468	H1, H2, H3	4-5
	95.0%	570 456	H1, H2, H3	5-6
	Secondary Volts		Connect lines to	
	240		X1, X2, X3	

SCD 30

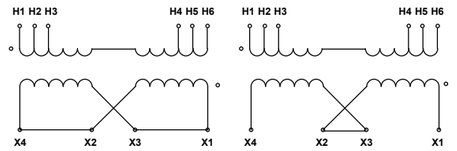
SCHEMATIC	CONNECTIONS		
	Primary Volts	Connect lines to	Inter-connect
	440	H1, H4	1-H2, 2-H3, H2-H3
	416	H1, H4	3-H2, 4-H3, H2-H3
	400	H1, H4	5-H2, 6-H3, H2-H3
	380	H1, H4	7-H2, 8-H3, H2-H3
	220	H1, H4	1-H2, 2-H3, H1-H3, H2-H4
	208	H1, H4	3-H2, 4-H3, H1-H3, H2-H4
	200	H1, H4	5-H2, 6-H3, H1-H3, H2-H4
	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

Tap arrangements shown are for catalog products only. May not be applicable for other products.

Electrical Schematics & Connection Drawings

SCD 31

SCHEMATIC

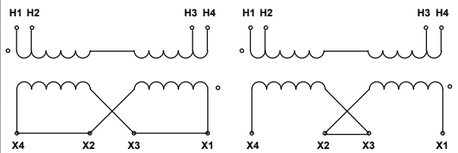


CONNECTIONS

% Voltage	Primary Volts					Connect lines to	Inter-connect
105.0%	218	291	437	504	630	H1, H6	-
102.5%	213	284	423	492	615	H1, H5	-
100.0%	**208**	**277**	**416**	**480**	**600**	**H2, H5**	**-**
97.5%	203	270	406	468	585	H2, H4	-
95.0%	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

SCD 32

SCHEMATIC

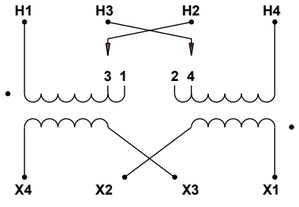


CONNECTIONS

% Voltage	Primary Volts					Connect lines to	Inter-connect
100.0%	**208**	**277**	**416**	**480**	**600**	**H1, H4**	**-**
95.0%	198	263	395	456	570	H1, H3	-
90.0%	188	249	374	432	540	H2, H3	-
	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

SCD 34

SCHEMATIC

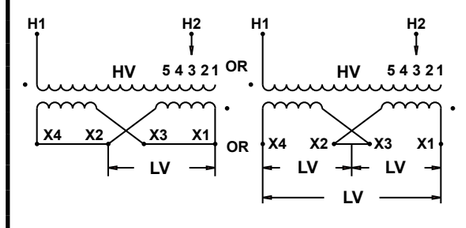


CONNECTIONS

% Voltage	Primary Volts	Connect lines to	Inter-connect
100.0%	**240**	**H1, H4**	**1-H2, 2-H3, H1-H3, H2-H4**
90.0%	216	H1, H4	3-H2, 4-H3, H1-H3, H2-H4
100.0%	**480**	**H1, H4**	**1-H2, 2-H3, H2-H3**
95.0%	456	H1, H4	2-H3, 3-H2, H2-H3
90.0%	432	H1, H4	3-H2, 4-H3, H2-H3
	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

SCD 39

SCHEMATIC



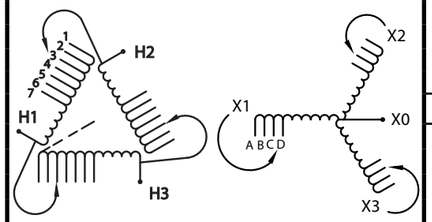
CONNECTIONS

% Voltage	Primary Volts					Connect lines to	Inter-connect
105.0%	218	291	437	504	630	H1, H2	1
102.5%	213	284	426	492	615	H1, H2	2
100.0%	**208**	**277**	**416**	**480**	**600**	**H1, H2**	**3**
97.5%	203	270	406	468	585	H1, H2	4
95.0%	198	263	395	456	570	H1, H2	5
	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

Tap arrangements shown are for catalog products only. May not be applicable for other products.

SCD 52

SCHEMATIC

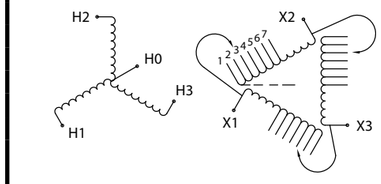


CONNECTIONS

% Voltage	Primary Volts	Connect lines to	Inter-connect
105.0%	504	H1, H2, H3	1
102.5%	492	H1, H2, H3	2
100.0%	**480**	**H1, H2, H3**	**3**
97.5%	468	H1, H2, H3	4
95.0%	456	H1, H2, H3	5
92.5%	444	H1, H2, H3	6
90.0%	432	H1, H2, H3	7
	Secondary Volts	Connect lines to	Inter-connect
107.5%	430	A	X1, X2, X3
104.0%	416	B	X1, X2, X3
100.0%	**400**	**C**	**X1, X2, X3**
95.0%	380	D	X1, X2, X3
	248	A	X1,X0 X2,X0 X3,X0
	240	B	X1,X0 X2,X0 X3,X0
	231	C	X1,X0 X2,X0 X3,X0
	219	D	X1,X0 X2,X0 X3,X0

SCD 53

SCHEMATIC

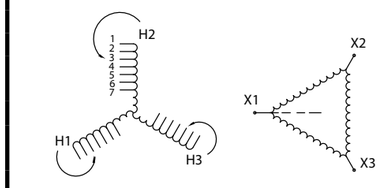


CONNECTIONS

% Voltage	Primary Volts		Connect lines to	Inter-connect
105.0%	218	252	X1, X2, X3	1
102.5%	213	246	X1, X2, X3	2
100.0%	**208**	**240**	**X1, X2, X3**	**3**
97.5%	203	234	X1, X2, X3	4
95.0%	198	228	X1, X2, X3	5
92.5%	192	222	X1, X2, X3	6
90.0%	187	216	X1, X2, X3	7
	Secondary Volts		Connect lines to	
	480		H1, H2, H3	
	277		H1,H0 H2,H0 H3,H0	

SCD 54

SCHEMATIC



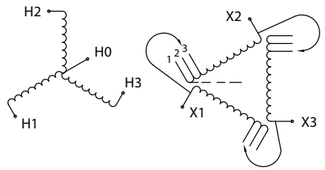
CONNECTIONS

% Voltage	Primary Volts	Connect lines to	Inter-connect
105.0%	630	H1, H2, H3	1
102.5%	615	H1, H2, H3	2
100.0%	**600**	**H1, H2, H3**	**3**
97.5%	585	H1, H2, H3	4
95.0%	570	H1, H2, H3	5
92.5%	555	H1, H2, H3	6
90.0%	540	H1, H2, H3	7
	Secondary Volts	Connect lines to	
	240	X1, X2, X3	

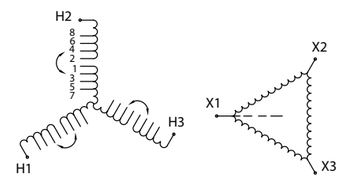
Tap arrangements shown are for catalog products only. May not be applicable for other products.

Electrical Schematics & Connection Drawings

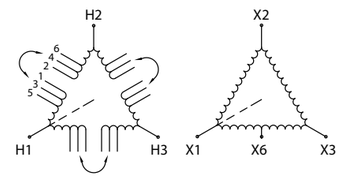
SCD 56

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	218 252	X1, X2, X3	1
	100.0%	**208 240**	**X1, X2, X3**	**2**
	95.0%	198 228	X1, X2, X3	3
		Secondary Volts	Connect lines to	
		480	H1, H2, H3	
		277	H1,H0 H2,H0 H3,H0	

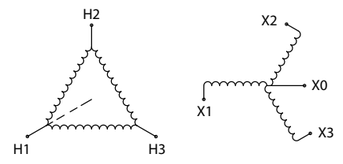
SCD 58

SCHEMATIC	CONNECTIONS		
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	630	H1, H2, H3	1-2
	102.5%	615	H1, H2, H3	2-3
	100.0%	**600**	**H1, H2, H3**	**3-4**
	97.5%	585	H1, H2, H3	4-5
	95.0%	570	H1, H2, H3	5-6
	92.5%	555	H1, H2, H3	6-7
	90.0%	540	H1, H2, H3	7-8
		Secondary Volts	Connect lines to	
	240		X1, X2, X3	

SCD 59

SCHEMATIC	CONNECTIONS		
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	105.0%	504	H1, H2, H3	1-2
	102.5%	492	H1, H2, H3	2-3
	100.0%	**480**	**H1, H2, H3**	**3-4**
	97.5%	468	H1, H2, H3	4-5
	95.0%	456	H1, H2, H3	5-6
		Secondary Volts	Connect lines to	
		240	X1, X2, X3	
		120	X1,X6 X3,X6	

SCD 60

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	100.0%	208 240	H1, H2, H3	
		Secondary Volts	Connect lines to	
		208	X1, X2, X3	
		120	X1,X0 X2,X0 X3,X0	

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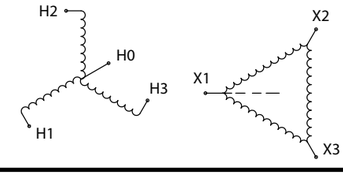
SCD 61

SCHEMATIC	CONNECTIONS			
	% Voltage	Primary Volts	Connect lines to	Inter-connect
	100.0%	208 240	X1, X2, X3	
		Secondary Volts	Connect lines to	
		208	H1, H2, H3	
		277	H1,H0 H2,H0 H3,H0	

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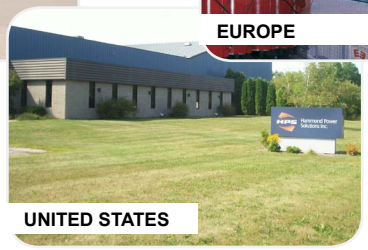
Hammond Power Solutions


CANADA


EUROPE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DOESEL15-1
Oct 2015