

HPS SENTINEL

600 VOLT CLASS ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMERS

General Purpose Distribution Transformer Efficiencies:

Energy efficient general purpose transformers are designed for linear loads and are most frequently used for applications such as commercial buildings which will supply a variety of general loads.

HPS SENTINEL (PART NUMBER PREFIX NMK OR NMF)

- Meets **TP1** and **C802.2** efficiencies at **35%** of rated load.
- Efficiencies are calculated under a **linear load profile**.
- Copper and Aluminum Available.



HPS SENTINEL

600 VOLT CLASS ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMERS

ALUMINUM & COPPER, SINGLE PHASE STANDARD SPECIFICATIONS

15 to 50 kVA



75 to 167 kVA



	15 to 50 kVA	75 to 167 kVA
Efficiency	Meets TP1 & C802.2 efficiencies at 35% of rated load. Efficiencies are calculated under a linear load profile.	
UL Listed	File: E112313	File: E112313
CSA Certified	File: LR3902	File: LR3902
Frequency	60 Hz	60 Hz
Insulation System	220°C (150°C rise) (optional 115°C and 80°C rise available)	220°C (150°C rise) (optional 115°C and 80°C rise available)
Enclosure Type	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X(stainless steel) and 12	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X(stainless steel) and 12
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Standard Primary Taps	Refer to wiring diagrams for details.	Refer to wiring diagrams for details.
Termination	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.
Conduit Knock-Outs	Standard on all units	Standard on 75 kVA & 100 kVA units.
Impedance	Typically 2.5% to 6.5%.	Typically 2.5% to 6.5%
Mounting	Standard floor & wall mounting. Optional ceiling mounting requires drip plate kit.	Floor mounting only.
Sound Level	Meets NEMA ST-20 standards. (optional low noise units available)	Meets NEMA ST-20 standards. (optional low noise units available)

Other voltages and kVA sizes not listed in this section are available upon request for both aluminum and copper wound units. Please contact customer service for details, price and availability.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, SINGLE PHASE

208 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015BE	NH5	19.40	20.20	21.50	170	F or W *	SCD 32
25	NMF025BE	NH6	23.90	25.00	28.75	220	F or W *	SCD 31
37.5	NMF037BE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
50	NMF050BE	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	NMF075BE	NH3	26.00	25.00	38.00	500	F	SCD 6
100	NMF100BE	NH4	32.00	29.50	41.00	650	F	SCD 6
150	NMF150BE	NJ4	32.00	32.50	50.00	850	F	SCD 6
167	NMF167BE	NJ4	32.00	32.50	50.00	950	F	SCD 6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

240 X 480 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015LE	NH5	19.40	20.20	21.50	170	F or W *	SCD 34
25	NMF025LE	NH6	23.90	25.00	28.75	220	F or W *	SCD 17
37.5	NMF037LE	NH6	23.90	25.00	28.75	260	F or W *	SCD 17
50	NMF050LE	NH6	23.90	25.00	28.75	370	F or W *	SCD 17
75	NMF075LE	NH3	26.00	25.00	38.00	500	F	SCD 17
100	NMF100LE	NH4	32.00	29.50	41.00	650	F	SCD 17
150	NMF150LE	NJ4	32.00	32.50	50.00	850	F	SCD 17
167	NMF167LE	NJ4	32.00	32.50	50.00	900	F	SCD 17

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

277 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015FE	NH5	19.40	20.20	21.50	170	F or W *	SCD 32
25	NMF025FE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
37.5	NMF037FE	NH6	23.90	25.00	28.75	400	F or W *	SCD 31
50	NMF050FE	NH6	23.90	25.00	28.75	450	F or W *	SCD 31
75	NMF075FE	NH3	26.00	25.00	38.00	650	F	SCD 6
100	NMF100FE	NH4	32.00	29.50	41.00	700	F	SCD 6
150	NMF150FE	NJ4	32.00	32.50	50.00	830	F	SCD 6
167	NMF167FE	NJ4	32.00	32.50	50.00	880	F	SCD 6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, SINGLE PHASE

416 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015HE	NH5	19.40	20.20	21.50	220	F or W *	SCD 32
25	NMF025HE	NH6	23.90	25.00	28.75	220	F or W *	SCD 31
37.5	NMF037HE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
50	NMF050HE	NH6	23.90	25.00	28.75	400	F or W *	SCD 31
75	NMF075HE	NH3	26.00	25.00	38.00	480	F	SCD6
100	NMF100HE	NH4	32.00	29.50	41.00	650	F	SCD6
150	NMF150HE	NJ4	32.00	32.50	50.00	850	F	SCD6
167	NMF167HE	NJ4	32.00	32.50	50.00	900	F	SCD6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015PE	NH5	19.40	20.20	21.50	220	F or W *	SCD 32
25	NMF025PE	NH6	23.90	25.00	28.75	220	F or W *	SCD 31
37.5	NMF037PE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
50	NMF050PE	NH6	23.90	25.00	28.75	400	F or W *	SCD 31
75	NMF075PE	NH3	26.00	25.00	38.00	480	F	SCD 6
100	NMF100PE	NH4	32.00	29.50	41.00	650	F	SCD 6
150	NMF150PE	NJ4	32.00	32.50	50.00	850	F	SCD 6
167	NMF167PE	NJ4	32.00	32.50	50.00	900	F	SCD 6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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 (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015XE	NH6	23.90	25.00	28.75	190	F or W *	SCD 30
25	NMF025XE	NH6	23.90	25.00	28.75	240	F or W *	SCD 30
37.5	NMF037XE	NH6	23.90	25.00	28.75	300	F or W *	SCD 30
50	NMF050XE	NH3	26.00	25.00	38.00	390	F or W *	SCD 30
75	NMF075XE	NH3	26.00	25.00	38.00	540	F	SCD 30
100	NMF100XE	NH4	32.00	29.50	41.00	700	F	SCD 30
150	NMF150XE		CONSULT FACTORY				F	SCD 30
167	NMF167XE		CONSULT FACTORY				F	SCD 30

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



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SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, SINGLE PHASE

208 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015BEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	NMF025BEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	NMF037BEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	NMF050BEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	NMF075BEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	NMF100BEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	NMF150BEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	NMF167BEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

240 X 480 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015LEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 34
25	NMF025LEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 17
37.5	NMF037LEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 17
50	NMF050LEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 17
75	NMF075LEC	NH3	26.00	25.00	38.00	525	F	SCD 17
100	NMF100LEC	NH3	26.00	25.00	38.00	650	F	SCD 17
150	NMF150LEC	NJ4	32.00	32.50	50.00	900	F	SCD 17
167	NMF167LEC	NJ4	32.00	32.50	50.00	1000	F	SCD 17

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

277 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015FEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	NMF025FEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	NMF037FEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	NMF050FEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	NMF075FEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	NMF100FEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	NMF150FEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	NMF167FEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, SINGLE PHASE

416 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015HEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	NMF025HEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	NMF037HEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	NMF050HEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	NMF075HEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	NMF100HEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	NMF150HEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	NMF167HEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015PEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	NMF025PEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	NMF037PEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	NMF050PEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	NMF075PEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	NMF100PEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	NMF150PEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	NMF167PEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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 (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMF015XEC	NH6	23.90	25.00	28.75	190	F or W *	SCD 30
25	NMF025XEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 30
37.5	NMF037XEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 30
50	NMF050XEC	NH3	26.00	25.00	38.00	390	F or W *	SCD 30
75	NMF075XEC	NH3	26.00	25.00	38.00	540	F	SCD 30
100	NMF100XEC	NH3	26.00	25.00	38.00	700	F	SCD 30
150	NMF150XEC		CONSULT FACTORY				F	SCD 30
167	NMF167XEC		CONSULT FACTORY				F	SCD 30

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



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HPS SENTINEL

600 VOLT CLASS ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER

ALUMINUM & COPPER, THREE PHASE STANDARD SPECIFICATIONS

15 to 45 kVA



75 to 750 kVA



	15 to 45 kVA	75 to 750 kVA
Efficiency	Meets TP1 and C802.2 efficiencies at 35% of rated load. Efficiencies are calculated under a linear load profile.	
UL Listed	File: E112313	File: E112313
CSA Certified	File: LR3902	File: LR3902
Frequency	60 Hz	60 Hz
Insulation System	220°C (150°C rise) 200°C (130°C rise) on 15 & 30kVA copper (optional 115°C and 80°C rise available)	220°C (150°C rise) (optional 115°C and 80°C rise available)
Enclosure Type	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12.	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Neutral	Neutral terminal for field connection.	Neutral terminal for field connection.
Standard Primary Taps	Refer to wiring diagrams for details.	Refer to wiring diagrams for details.
Termination	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.
Conduit Knock-Outs	Standard on all units.	Standard on 75 to 150 kVA units.
Impedance	Typically 2.5% to 6.5%	Typically 2.5% to 6.5%
Mounting	Standard floor & wall mounting. Optional ceiling mounting requires drip plate kit.	Floor mounting only.
Sound Level	Meets NEMA ST-20 standards. (optional low noise units available)	Meets NEMA ST-20 standards. (optional low noise units available)

Other voltages and kVA sizes not listed in this section are available upon request for both aluminum and copper wound units. Please contact customer service for details, price and availability.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015BB	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030BB	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	NMK045BB	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	NMK075BB	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	NMK112BB	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150BB	NH4	32.00	29.50	41.00	850	F	SCD 9
225	NMK225BB	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	NMK300BB	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	NMK500BB	NJ2	48.50	38.40	59.00	2700	F	SCD 25
750	NMK750BB	NJ3	51.50	43.40	66.00	3250	F	SCD 25

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015BK	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	NMK030BK	NH6	23.90	25.00	28.75	280	F or W *	SCD 26
45	NMK045BK	NH6	23.90	25.00	28.75	375	F or W *	SCD 26
75	NMK075BK	NH3	26.00	25.00	38.00	540	F or W *	SCD 26
112.5	NMK112BK	NH3	26.00	25.00	38.00	775	F	SCD 26
150	NMK150BK	NH4	32.00	29.50	41.00	850	F	SCD 26
225	NMK225BK	NH4	32.00	29.50	41.00	1400	F	SCD 26
300	NMK300BK	NJ1	39.50	34.00	51.50	1700	F	SCD 26
500	NMK500BK	NJ2	48.50	38.40	59.00	2700	F	SCD 23
750	NMK750BK	NJ3	51.50	43.40	66.00	3250	F	SCD 23

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015DB	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030DB	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	NMK045DB	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	NMK075DB	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	NMK112DB	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150DB	NH4	32.00	29.50	41.00	850	F	SCD 9
225	NMK225DB	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	NMK300DB	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	NMK500DB	NJ2	48.50	38.40	59.00	2700	F	NO TAPS
750	NMK750DB	NJ3	51.50	43.40	66.00	3250	F	NO TAPS

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.
Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015DK	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	NMK030DK	NH6	23.90	25.00	28.75	280	F or W *	SCD 26
45	NMK045DK	NH6	23.90	25.00	28.75	375	F or W *	SCD 26
75	NMK075DK	NH3	26.00	25.00	38.00	540	F or W *	SCD 26
112.5	NMK112DK	NH3	26.00	25.00	38.00	775	F	SCD 26
150	NMK150DK	NH4	32.00	29.50	41.00	850	F	SCD 26
225	NMK225DK	NH4	32.00	29.50	41.00	1400	F	SCD 26
300	NMK300DK	NJ1	39.50	34.00	51.50	1700	F	SCD 26
500	NMK500DK	NJ2	48.50	38.40	59.00	2700	F	NO TAPS
750	NMK750DK	NJ3	51.50	43.40	66.00	3250	F	NO TAPS

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015KB	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030KB	NH6	23.90	25.00	28.75	280	F or W *	SCD 19
45	NMK045KB	NH6	23.90	25.00	28.75	375	F or W *	SCD 19
75	NMK075KB	NH3	26.00	25.00	38.00	540	F or W *	SCD 19
112.5	NMK112KB	NH3	26.00	25.00	38.00	775	F	SCD 19
150	NMK150KB	NH4	32.00	29.50	41.00	850	F	SCD 19
225	NMK225KB	NH4	32.00	29.50	41.00	1400	F	SCD 19
300	NMK300KB	NJ1	39.50	34.00	51.50	1700	F	SCD 19
500	NMK500KB	NJ2	48.50	38.40	59.00	2700	F	SCD 20
750	NMK750KB	NJ3	51.50	43.40	66.00	3250	F	SCD 20

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015KD	NH6	23.90	25.00	28.75	200	F or W *	SCD 13
30	NMK030KD	NH6	23.90	25.00	28.75	280	F or W *	SCD 21
45	NMK045KD	NH6	23.90	25.00	28.75	375	F or W *	SCD 21
75	NMK075KD	NH3	26.00	25.00	38.00	540	F or W *	SCD 21
112.5	NMK112KD	NH3	26.00	25.00	38.00	775	F	SCD 21
150	NMK150KD	NH4	32.00	29.50	41.00	850	F	SCD 21
225	NMK225KD	NH4	32.00	29.50	41.00	1400	F	SCD 21
300	NMK300KD	NJ1	39.50	34.00	51.50	1700	F	SCD 21
500	NMK500KD	NJ2	48.50	38.40	59.00	2700	F	SCD 22
750	NMK750KD	NJ3	51.50	43.40	66.00	3250	F	SCD 22

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 190-299)
			Width	Depth	Height			
15	NMK015KK	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030KK	NH6	23.90	25.00	28.75	280	F or W *	SCD 19
45	NMK045KK	NH6	23.90	25.00	28.75	375	F or W *	SCD 19
75	NMK075KK	NH3	26.00	25.00	38.00	540	F or W *	SCD 19
112.5	NMK112KK	NH3	26.00	25.00	38.00	775	F	SCD 19
150	NMK150KK	NH4	32.00	29.50	41.00	850	F	SCD 19
225	NMK225KK	NH4	32.00	29.50	41.00	1400	F	SCD 19
300	NMK300KK	NJ1	39.50	34.00	51.50	1700	F	SCD 19
500	NMK500KK	NJ2	48.50	38.40	59.00	2700	F	SCD 20
750	NMK750KK	NJ3	51.50	43.40	66.00	3250	F	SCD 20

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015PB	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	NMK030PB	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	NMK045PB	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	NMK075PB	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	NMK112PB	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150PB	NH4	32.00	29.50	41.00	850	F	SCD 9
225	NMK225PB	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	NMK300PB	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	NMK500PB	NJ2	48.50	38.40	59.00	2700	F	SCD 10
750	NMK750PB	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600Y Primary Volts

240 Delta Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 2290-299)
			Width	Depth	Height			
15	NMK015PD	NH6	23.90	25.00	28.75	200	F or W *	SCD 29
30	NMK030PD	NH6	23.90	25.00	28.75	280	F or W *	SCD 16
45	NMK045PD	NH6	23.90	25.00	28.75	375	F or W *	SCD 16
75	NMK075PD	NH3	26.00	25.00	38.00	540	F or W *	SCD 16
112.5	NMK112PD	NH3	26.00	25.00	38.00	775	F	SCD 16
150	NMK150PD	NH4	32.00	29.50	41.00	850	F	SCD 16
225	NMK225PD	NH4	32.00	29.50	41.00	1400	F	SCD 16
300	NMK300PD	NJ1	39.50	34.00	51.50	1700	F	SCD 16
500	NMK500PD	NJ2	48.50	38.40	59.00	2700	F	SCD 29
750	NMK750PD	NJ3	51.50	43.40	66.00	3250	F	SCD 29

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

600 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015PK	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	NMK030PK	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	NMK045PK	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	NMK075PK	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	NMK112PK	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150PK	NH4	32.00	29.50	41.00	850	F	SCD 9
225	NMK225PK	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	NMK300PK	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	NMK500PK	NJ2	48.50	38.40	59.00	2700	F	SCD 10
750	NMK750PK	NJ3	51.50	43.40	66.00	3250	F	SCD 10

Note: For shielded units, please add the suffix "S" to the above part numbers.

**DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.*

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



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SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015BBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030BBC	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	NMK045BBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	NMK075BBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	NMK112BBC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150BBC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	NMK225BBC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	NMK300BBC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	NMK500BBC	NJ2	48.50	38.40	59.00	2800	F	SCD 25
750	NMK750BBC	NJ3	51.50	43.40	66.00	3550	F	SCD 25

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015BKCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	NMK030BKC	NH6	23.90	25.00	28.75	300	F or W *	SCD 26
45	NMK045BKC	NH6	23.90	25.00	28.75	400	F or W *	SCD 26
75	NMK075BKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 26
112.5	NMK112BKC	NH3	26.00	25.00	38.00	775	F	SCD 26
150	NMK150BKC	NH4	32.00	29.50	41.00	975	F	SCD 26
225	NMK225BKC	NH4	32.00	29.50	41.00	1500	F	SCD 26
300	NMK300BKC	NJ1	39.50	34.00	51.50	1850	F	SCD 26
500	NMK500BKC	NJ2	48.50	38.40	59.00	2800	F	SCD 23
750	NMK750BKC	NJ3	51.50	43.40	66.00	3550	F	SCD 23

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015DBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030DBC	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	NMK045DBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	NMK075DBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	NMK112DBC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150DBC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	NMK225DBC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	NMK300DBC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	NMK500DBC	NJ2	48.50	38.40	59.00	2800	F	NO TAPS
750	NMK750DBC	NJ3	51.50	43.40	66.00	3550	F	NO TAPS

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015DKCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	NMK030DKC	NH6	23.90	25.00	28.75	300	F or W *	SCD 26
45	NMK045DKC	NH6	23.90	25.00	28.75	400	F or W *	SCD 26
75	NMK075DKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 26
112.5	NMK112DKC	NH3	26.00	25.00	38.00	775	F	SCD 26
150	NMK150DKC	NH4	32.00	29.50	41.00	975	F	SCD 26
225	NMK225DKC	NH4	32.00	29.50	41.00	1500	F	SCD 26
300	NMK300DKC	NJ1	39.50	34.00	51.50	1850	F	SCD 26
500	NMK500DKC	NJ2	48.50	38.40	59.00	2800	F	NO TAPS
750	NMK750DKC	NJ3	51.50	43.40	66.00	3550	F	NO TAPS

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015KBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030KBCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 19
45	NMK045KBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 19
75	NMK075KBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 19
112.5	NMK112KBC	NH3	26.00	25.00	38.00	775	F	SCD 19
150	NMK150KBC	NH4	32.00	29.50	41.00	975	F	SCD 19
225	NMK225KBC	NH4	32.00	29.50	41.00	1500	F	SCD 19
300	NMK300KBC	NJ1	39.50	34.00	51.50	1850	F	SCD 19
500	NMK500KBC	NJ2	48.50	38.40	59.00	2800	F	SCD 19
750	NMK750KBC	NJ3	51.50	43.40	66.00	3550	F	SCD 19

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015KDCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 13
30	NMK030KDCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 21
45	NMK045KDC	NH6	23.90	25.00	28.75	400	F or W *	SCD 21
75	NMK075KDC	NH3	26.00	25.00	38.00	600	F or W *	SCD 21
112.5	NMK112KDC	NH3	26.00	25.00	38.00	775	F	SCD 21
150	NMK150KDC	NH4	32.00	29.50	41.00	975	F	SCD 21
225	NMK225KDC	NH4	32.00	29.50	41.00	1500	F	SCD 21
300	NMK300KDC	NJ1	39.50	34.00	51.50	1850	F	SCD 21
500	NMK500KDC	NJ2	48.50	38.40	59.00	2800	F	SCD 22
750	NMK750KDC	NJ3	51.50	43.40	66.00	3550	F	SCD 22

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015KCCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	NMK030KCCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 19
45	NMK045KCC	NH6	23.90	25.00	28.75	400	F or W *	SCD 19
75	NMK075KCC	NH3	26.00	25.00	38.00	600	F or W *	SCD 19
112.5	NMK112KCC	NH3	26.00	25.00	38.00	775	F	SCD 19
150	NMK150KCC	NH4	32.00	29.50	41.00	975	F	SCD 19
225	NMK225KCC	NH4	32.00	29.50	41.00	1500	F	SCD 19
300	NMK300KCC	NJ1	39.50	34.00	51.50	1850	F	SCD 19
500	NMK500KCC	NJ2	48.50	38.40	59.00	2800	F	SCD 20
750	NMK750KCC	NJ3	51.50	43.40	66.00	3550	F	SCD 20

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015PBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	NMK030PBCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	NMK045PBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	NMK075PBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	NMK112PBC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150PBC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	NMK225PBC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	NMK300PBC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	NMK500PBC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
750	NMK750PBC	NJ3	51.50	43.40	66.00	3550	F	SCD 10

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Delta Primary Volts

240 Delta Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015PDCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 29
30	NMK030PDC	NH6	23.90	25.00	28.75	300	F or W *	SCD 16
45	NMK045PDC	NH6	23.90	25.00	28.75	400	F or W *	SCD 16
75	NMK075PDC	NH3	26.00	25.00	38.00	600	F or W *	SCD 16
112.5	NMK112PDC	NH3	26.00	25.00	38.00	775	F	SCD 16
150	NMK150PDC	NH4	32.00	29.50	41.00	975	F	SCD 16
225	NMK225PDC	NH4	32.00	29.50	41.00	1500	F	SCD 16
300	NMK300PDC	NJ1	39.50	34.00	51.50	1850	F	SCD 16
500	NMK500PDC	NJ2	48.50	38.40	59.00	2800	F	SCD 29
750	NMK750PDC	NJ3	51.50	43.40	66.00	3550	F	SCD 29

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



HPS SENTINEL



ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

600 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	NMK015PKCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	NMK030PKCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	NMK045PKC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	NMK075PKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	NMK112PKC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	NMK150PKC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	NMK225PKC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	NMK300PKC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	NMK500PKC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
750	NMK750PKC	NJ3	51.50	43.40	66.00	3550	F	SCD 10

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



HPS SUPERSENTINEL

600 VOLT CLASS ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMERS

General Purpose Distribution Transformer Efficiencies:

Energy efficient general purpose transformers are designed for linear loads and are most frequently used for applications such as commercial buildings which will supply and variety of general loads.

HPS SUPERSENTINEL (PART NUMBER PREFIX SMK OR SMF)

- Exceeds TP1 and C802.2 efficiencies at an operating range from **35% to 65%** of rated load.
- Efficiency performance will be **25% better** than TP1 and C802.2 standards when measured under a linear load profile.
- Copper and Aluminum Available.



HPS SUPERSENTINEL

600 VOLT CLASS SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER

ALUMINUM & COPPER, SINGLE PHASE STANDARD SPECIFICATIONS

15 to 50 kVA



75 to 167 kVA



	15 to 50 kVA	75 to 167 kVA
Efficiency	Exceeds TP1 and C802.2 efficiencies at an operating range from 35% to 65% of rated load. Efficiency performance will be 25% better than TP1 and C802.2 standards when measured under a linear load profile.	
UL Listed	File: E112313	File: E112313
CSA Certified	File: LR3902	File: LR3902
Frequency	60 Hz	60 Hz
Insulation System	220°C (150°C rise) (optional 115°C and 80°C rise available)	220°C (150°C rise) (optional 115°C and 80°C rise available)
Enclosure Type	Heavy Duty Ventilated NEMA Type 3R (optional NEMA 4, 4X (stainless) and 12)	Heavy Duty Ventilated NEMA Type 3R (optional NEMA 4, 4X (stainless) and 12)
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Standard Primary Taps	Refer to wiring diagrams for details.	Refer to wiring diagrams for details.
Termination	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.
Conduit Knock-Outs	Standard on all units.	Standard on 75 kVA & 100 kVA units.
Impedance	Typically 2.5% to 6.5%	Typically 2.5% to 6.5%
Mounting	Standard floor & wall mounting. Optional ceiling mounting requires drip plate kit.	Floor mounting only.
Sound Level	Meets NEMA ST-20 standards. (optional low noise units available)	Meets NEMA ST-20 standards. (optional low noise units available)

Other voltages and kVA sizes not listed in this section are available upon request for both aluminum and copper wound units. Please contact customer service for details, price and availability.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, SINGLE PHASE

208 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style <small>(Pages 280-287)</small>	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram <small>(Pages 292-301)</small>
			Width	Depth	Height			
15	SMF015BE	NH5	19.40	20.20	21.50	170	F or W *	SCD 32
25	SMF025BE	NH6	23.90	25.00	28.75	220	F or W *	SCD 31
37.5	SMF037BE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
50	SMF050BE	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	SMF075BE	NH3	26.00	25.00	38.00	500	F	SCD 6
100	SMF100BE	NH4	32.00	29.50	41.00	650	F	SCD 6
150	SMF150BE	NJ4	32.00	32.50	50.00	850	F	SCD 6
167	SMF167BE	NJ4	32.00	32.50	50.00	950	F	SCD 6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style <small>(Pages 280-287)</small>	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram <small>(Pages 292-301)</small>
			Width	Depth	Height			
15	SMF015LE	NH5	19.40	20.20	21.50	170	F or W *	SCD 34
25	SMF025LE	NH6	23.90	25.00	28.75	220	F or W *	SCD 17
37.5	SMF037LE	NH6	23.90	25.00	28.75	260	F or W *	SCD 17
50	SMF050LE	NH6	23.90	25.00	28.75	370	F or W *	SCD 17
75	SMF075LE	NH3	26.00	25.00	38.00	500	F	SCD 17
100	SMF100LE	NH4	32.00	29.50	41.00	650	F	SCD 17
150	SMF150LE	NJ4	32.00	32.50	50.00	850	F	SCD 17
167	SMF167LE	NJ4	32.00	32.50	50.00	900	F	SCD 17

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

277 Primary Volts 120/240 Secondary Volts 60 Hz

kVA	Catalog Number	Case Style <small>(Pages 280-287)</small>	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram <small>(Pages 292-301)</small>
			Width	Depth	Height			
15	SMF015FE	NH5	19.40	20.20	21.50	170	F or W *	SCD 32
25	SMF025FE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
37.5	SMF037FE	NH6	23.90	25.00	28.75	400	F or W *	SCD 31
50	SMF050FE	NH6	23.90	25.00	28.75	450	F or W *	SCD 31
75	SMF075FE	NH3	26.00	25.00	38.00	650	F	SCD 6
100	SMF100FE	NH4	32.00	29.50	41.00	700	F	SCD 6
150	SMF150FE	NJ4	32.00	32.50	50.00	830	F	SCD 6
167	SMF167FE	NJ4	32.00	32.50	50.00	880	F	SCD 6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, SINGLE PHASE

416 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015HE	NH5	19.40	20.20	21.50	220	F or W *	SCD 32
25	SMF025HE	NH6	23.90	25.00	28.75	220	F or W *	SCD 31
37.5	SMF037HE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
50	SMF050HE	NH6	23.90	25.00	28.75	400	F or W *	SCD 31
75	SMF075HE	NH3	26.00	25.00	38.00	480	F	SCD6
100	SMF100HE	NH4	32.00	29.50	41.00	650	F	SCD6
150	SMF150HE	NJ4	32.00	32.50	50.00	850	F	SCD6
167	SMF167HE	NJ4	32.00	32.50	50.00	900	F	SCD6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015PE	NH5	19.40	20.20	21.50	220	F or W *	SCD 32
25	SMF025PE	NH6	23.90	25.00	28.75	220	F or W *	SCD 31
37.5	SMF037PE	NH6	23.90	25.00	28.75	260	F or W *	SCD 31
50	SMF050PE	NH6	23.90	25.00	28.75	400	F or W *	SCD 31
75	SMF075PE	NH3	26.00	25.00	38.00	480	F	SCD 6
100	SMF100PE	NH4	32.00	29.50	41.00	650	F	SCD 6
150	SMF150PE	NJ4	32.00	32.50	50.00	850	F	SCD 6
167	SMF167PE	NJ4	32.00	32.50	50.00	900	F	SCD 6

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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 (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015XE	NH6	23.90	25.00	28.75	190	F or W *	SCD 30
25	SMF025XE	NH6	23.90	25.00	28.75	240	F or W *	SCD 30
37.5	SMF037XE	NH6	23.90	25.00	28.75	300	F or W *	SCD 30
50	SMF050XE	NH3	26.00	25.00	38.00	390	F or W *	SCD 30
75	SMF075XE	NH3	26.00	25.00	38.00	540	F	SCD 30
100	SMF100XE	NH4	32.00	29.50	41.00	700	F	SCD 30
150	SMF150XE		CONSULT FACTORY				F	SCD 30
167	SMF167XE		CONSULT FACTORY				F	SCD 30

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, SINGLE PHASE

208 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015BEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	SMF025BEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	SMF037BEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	SMF050BEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	SMF075BEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	SMF100BEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	SMF150BEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	SMF167BEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

240 X 480 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015LEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 34
25	SMF025LEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 17
37.5	SMF037LEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 17
50	SMF050LEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 17
75	SMF075LEC	NH3	26.00	25.00	38.00	525	F	SCD 17
100	SMF100LEC	NH3	26.00	25.00	38.00	650	F	SCD 17
150	SMF150LEC	NJ4	32.00	32.50	50.00	900	F	SCD 17
167	SMF167LEC	NJ4	32.00	32.50	50.00	1000	F	SCD 17

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

277 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015FEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	SMF025FEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	SMF037FEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	SMF050FEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	SMF075FEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	SMF100FEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	SMF150FEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	SMF167FEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.
Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



Clearwater Tech - Phone: 800.894.0412 - Fax: 208.368.0415 - Web: www.clrwtr.com - Email: info@clrwtr.com

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, SINGLE PHASE

416 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015HEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	SMF025HEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	SMF037HEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	SMF050HEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	SMF075HEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	SMF100HEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	SMF150HEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	SMF167HEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Primary Volts

120/240 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015PEC	NH5	19.40	20.20	21.50	180	F or W *	SCD 32
25	SMF025PEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 31
37.5	SMF037PEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 31
50	SMF050PEC	NH6	23.90	25.00	28.75	375	F or W *	SCD 31
75	SMF075PEC	NH3	26.00	25.00	38.00	525	F	SCD 6
100	SMF100PEC	NH3	26.00	25.00	38.00	650	F	SCD 6
150	SMF150PEC	NJ4	32.00	32.50	50.00	900	F	SCD 6
167	SMF167PEC	NJ4	32.00	32.50	50.00	1000	F	SCD 6

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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 (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMF015XEC	NH6	23.90	25.00	28.75	190	F or W *	SCD 30
25	SMF025XEC	NH6	23.90	25.00	28.75	240	F or W *	SCD 30
37.5	SMF037XEC	NH6	23.90	25.00	28.75	300	F or W *	SCD 30
50	SMF050XEC	NH3	26.00	25.00	38.00	390	F or W *	SCD 30
75	SMF075XEC	NH3	26.00	25.00	38.00	540	F	SCD 30
100	SMF100XEC	NH3	26.00	25.00	38.00	700	F	SCD 30
150	SMF150XEC		CONSULT FACTORY				F	SCD 30
167	SMF167XEC		CONSULT FACTORY				F	SCD 30

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



HPS SUPERSENTINEL

600 VOLT CLASS SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER

ALUMINUM & COPPER, THREE PHASE STANDARD SPECIFICATIONS

15 to 45 kVA



75 to 750 kVA



	15 to 45 kVA	75 to 750 kVA
Efficiency	Exceeds TP1 and C802.2 efficiencies at an operating range from 35% to 65% of rated load. Efficiency performance will be 25% better than TP1 and C802.2 standards when measured under a linear load profile.	
UL Listed	File: E112313	File: E112313
CSA Certified	File: LR3902	File: LR3902
Frequency	60 Hz	60 Hz
Insulation System	220°C (150°C rise) 200°C (130°C rise) on 15 & 30kVA copper (optional 115°C and 80°C rise available)	220°C (150°C rise) (optional 115°C and 80°C rise available)
Enclosure Type	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12.	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X (stainless steel) and 12
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Neutral	Neutral terminal for field connection.	Neutral terminal for field connection.
Standard Primary Taps	Refer to wiring diagrams for details.	Refer to wiring diagrams for details.
Termination	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.
Conduit Knock-Outs	Standard on all units.	Standard on 75 to 225 kVA units.
Impedance	Typically 2.5% to 6.5%	Typically 2.5% to 6.5%
Mounting	Standard floor & wall mounting. Optional ceiling mounting requires drip plate kit.	Floor mounting only.
Sound Level	Meets NEMA ST-20 standards. (optional low noise units available)	Meets NEMA ST-20 standards. (optional low noise units available)

Other voltages and kVA sizes not listed in this section are available upon request for both aluminum and copper wound units. Please contact customer service for details, price and availability.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015BB	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030BB	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	SMK045BB	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	SMK075BB	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	SMK112BB	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150BB	NH4	32.00	29.50	41.00	850	F	SCD 9
225	SMK225BB	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	SMK300BB	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	SMK500BB	NJ2	48.50	38.40	59.00	2700	F	SCD 25
750	SMK750BB	NJ3	51.50	43.40	66.00	3250	F	SCD 25

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015BK	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	SMK030BK	NH6	23.90	25.00	28.75	280	F or W *	SCD 26
45	SMK045BK	NH6	23.90	25.00	28.75	375	F or W *	SCD 26
75	SMK075BK	NH3	26.00	25.00	38.00	540	F or W *	SCD 26
112.5	SMK112BK	NH3	26.00	25.00	38.00	775	F	SCD 26
150	SMK150BK	NH4	32.00	29.50	41.00	850	F	SCD 26
225	SMK225BK	NH4	32.00	29.50	41.00	1400	F	SCD 26
300	SMK300BK	NJ1	39.50	34.00	51.50	1700	F	SCD 26
500	SMK500BK	NJ2	48.50	38.40	59.00	2700	F	SCD 23
750	SMK750BK	NJ3	51.50	43.40	66.00	3250	F	SCD 23

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015DB	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030DB	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	SMK045DB	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	SMK075DB	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	SMK112DB	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150DB	NH4	32.00	29.50	41.00	850	F	SCD 9
225	SMK225DB	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	SMK300DB	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	SMK500DB	NJ2	48.50	38.40	59.00	2700	F	NO TAPS
750	SMK750DB	NJ3	51.50	43.40	66.00	3250	F	NO TAPS

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015DK	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	SMK030DK	NH6	23.90	25.00	28.75	280	F or W *	SCD 26
45	SMK045DK	NH6	23.90	25.00	28.75	375	F or W *	SCD 26
75	SMK075DK	NH3	26.00	25.00	38.00	540	F or W *	SCD 26
112.5	SMK112DK	NH3	26.00	25.00	38.00	775	F	SCD 26
150	SMK150DK	NH4	32.00	29.50	41.00	850	F	SCD 26
225	SMK225DK	NH4	32.00	29.50	41.00	1400	F	SCD 26
300	SMK300DK	NJ1	39.50	34.00	51.50	1700	F	SCD 26
500	SMK500DK	NJ2	48.50	38.40	59.00	2700	F	NO TAPS
750	SMK750DK	NJ3	51.50	43.40	66.00	3250	F	NO TAPS

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015KB	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030KB	NH6	23.90	25.00	28.75	280	F or W *	SCD 19
45	SMK045KB	NH6	23.90	25.00	28.75	375	F or W *	SCD 19
75	SMK075KB	NH3	26.00	25.00	38.00	540	F or W *	SCD 19
112.5	SMK112KB	NH3	26.00	25.00	38.00	775	F	SCD 19
150	SMK150KB	NH4	32.00	29.50	41.00	850	F	SCD 19
225	SMK225KB	NH4	32.00	29.50	41.00	1400	F	SCD 19
300	SMK300KB	NJ1	39.50	34.00	51.50	1700	F	SCD 19
500	SMK500KB	NJ2	48.50	38.40	59.00	2700	F	SCD 20
750	SMK750KB	NJ3	51.50	43.40	66.00	3250	F	SCD 20

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 2290-299)
			Width	Depth	Height			
15	SMK015KD	NH6	23.90	25.00	28.75	200	F or W *	SCD 13
30	SMK030KD	NH6	23.90	25.00	28.75	280	F or W *	SCD 21
45	SMK045KD	NH6	23.90	25.00	28.75	375	F or W *	SCD 21
75	SMK075KD	NH3	26.00	25.00	38.00	540	F or W *	SCD 21
112.5	SMK112KD	NH3	26.00	25.00	38.00	775	F	SCD 21
150	SMK150KD	NH4	32.00	29.50	41.00	850	F	SCD 21
225	SMK225KD	NH4	32.00	29.50	41.00	1400	F	SCD 21
300	SMK300KD	NJ1	39.50	34.00	51.50	1700	F	SCD 21
500	SMK500KD	NJ2	48.50	38.40	59.00	2700	F	SCD 22
750	SMK750KD	NJ3	51.50	43.40	66.00	3250	F	SCD 22

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015KK	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030KK	NH6	23.90	25.00	28.75	280	F or W *	SCD 19
45	SMK045KK	NH6	23.90	25.00	28.75	375	F or W *	SCD 19
75	SMK075KK	NH3	26.00	25.00	38.00	540	F or W *	SCD 19
112.5	SMK112KK	NH3	26.00	25.00	38.00	775	F	SCD 19
150	SMK150KK	NH4	32.00	29.50	41.00	850	F	SCD 19
225	SMK225KK	NH4	32.00	29.50	41.00	1400	F	SCD 19
300	SMK300KK	NJ1	39.50	34.00	51.50	1700	F	SCD 19
500	SMK500KK	NJ2	48.50	38.40	59.00	2700	F	SCD 20
750	SMK750KK	NJ3	51.50	43.40	66.00	3250	F	SCD 20

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015PB	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	SMK030PB	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	SMK045PB	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	SMK075PB	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	SMK112PB	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150PB	NH4	32.00	29.50	41.00	850	F	SCD 9
225	SMK225PB	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	SMK300PB	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	SMK500PB	NJ2	48.50	38.40	59.00	2700	F	SCD 10
750	SMK750PB	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600Y Primary Volts

240 Delta Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015PD	NH6	23.90	25.00	28.75	200	F or W *	SCD 29
30	SMK030PD	NH6	23.90	25.00	28.75	280	F or W *	SCD 16
45	SMK045PD	NH6	23.90	25.00	28.75	375	F or W *	SCD 16
75	SMK075PD	NH3	26.00	25.00	38.00	540	F or W *	SCD 16
112.5	SMK112PD	NH3	26.00	25.00	38.00	775	F	SCD 16
150	SMK150PD	NH4	32.00	29.50	41.00	850	F	SCD 16
225	SMK225PD	NH4	32.00	29.50	41.00	1400	F	SCD 16
300	SMK300PD	NJ1	39.50	34.00	51.50	1700	F	SCD 16
500	SMK500PD	NJ2	48.50	38.40	59.00	2700	F	SCD 29
750	SMK750PD	NJ3	51.50	43.40	66.00	3250	F	SCD 29

For shielded units, please add the suffix "S" to the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER ALUMINUM WOUND, THREE PHASE

600 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015PK	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	SMK030PK	NH6	23.90	25.00	28.75	280	F or W *	SCD 9
45	SMK045PK	NH6	23.90	25.00	28.75	375	F or W *	SCD 9
75	SMK075PK	NH3	26.00	25.00	38.00	540	F or W *	SCD 9
112.5	SMK112PK	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150PK	NH4	32.00	29.50	41.00	850	F	SCD 9
225	SMK225PK	NH4	32.00	29.50	41.00	1400	F	SCD 9
300	SMK300PK	NJ1	39.50	34.00	51.50	1700	F	SCD 9
500	SMK500PK	NJ2	48.50	38.40	59.00	2700	F	SCD 10
750	SMK750PK	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers.

**DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.*

SECTION 8

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



Clearwater Tech - Phone: 800.894.0412 - Fax: 208.368.0415 - Web: www.clrwtr.com - Email: info@clrwtr.com

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015BBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030BBC	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	SMK045BBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	SMK075BBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	SMK112BBC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150BBC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	SMK225BBC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	SMK300BBC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	SMK500BBC	NJ2	48.50	38.40	59.00	2800	F	SCD 25
750	SMK750BBC	NJ3	51.50	43.40	66.00	3550	F	SCD 25

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015BKC	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	SMK030BKC	NH6	23.90	25.00	28.75	300	F or W *	SCD 26
45	SMK045BKC	NH6	23.90	25.00	28.75	400	F or W *	SCD 26
75	SMK075BKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 26
112.5	SMK112BKC	NH3	26.00	25.00	38.00	775	F	SCD 26
150	SMK150BKC	NH4	32.00	29.50	41.00	975	F	SCD 26
225	SMK225BKC	NH4	32.00	29.50	41.00	1500	F	SCD 26
300	SMK300BKC	NJ1	39.50	34.00	51.50	1850	F	SCD 26
500	SMK500BKC	NJ2	48.50	38.40	59.00	2800	F	SCD 23
750	SMK750BKC	NJ3	51.50	43.40	66.00	3550	F	SCD 23

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

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

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015DBC	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030DBC	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	SMK045DBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	SMK075DBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	SMK112DBC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150DBC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	SMK225DBC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	SMK300DBC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	SMK500DBC	NJ2	48.50	38.40	59.00	2800	F	NO TAPS
750	SMK750DBC	NJ3	51.50	43.40	66.00	3550	F	NO TAPS

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.

SECTION 8



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

240 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015DKCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 23
30	SMK030DKC	NH6	23.90	25.00	28.75	300	F or W *	SCD 26
45	SMK045DKC	NH6	23.90	25.00	28.75	400	F or W *	SCD 26
75	SMK075DKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 26
112.5	SMK112DKC	NH3	26.00	25.00	38.00	775	F	SCD 26
150	SMK150DKC	NH4	32.00	29.50	41.00	975	F	SCD 26
225	SMK225DKC	NH4	32.00	29.50	41.00	1500	F	SCD 26
300	SMK300DKC	NJ1	39.50	34.00	51.50	1850	F	SCD 26
500	SMK500DKC	NJ2	48.50	38.40	59.00	2800	F	NO TAPS
750	SMK750DKC	NJ3	51.50	43.40	66.00	3550	F	NO TAPS

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

480 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015KBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030KBCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 19
45	SMK045KBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 19
75	SMK075KBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 19
112.5	SMK112KBC	NH3	26.00	25.00	38.00	775	F	SCD 19
150	SMK150KBC	NH4	32.00	29.50	41.00	975	F	SCD 19
225	SMK225KBC	NH4	32.00	29.50	41.00	1500	F	SCD 19
300	SMK300KBC	NJ1	39.50	34.00	51.50	1850	F	SCD 19
500	SMK500KBC	NJ2	48.50	38.40	59.00	2800	F	SCD 19
750	SMK750KBC	NJ3	51.50	43.40	66.00	3550	F	SCD 19

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

480 Delta Primary Volts

240 Delta/120 CT Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015KDCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 13
30	SMK030KDCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 21
45	SMK045KDC	NH6	23.90	25.00	28.75	400	F or W *	SCD 21
75	SMK075KDC	NH3	26.00	25.00	38.00	600	F or W *	SCD 21
112.5	SMK112KDC	NH3	26.00	25.00	38.00	775	F	SCD 21
150	SMK150KDC	NH4	32.00	29.50	41.00	975	F	SCD 21
225	SMK225KDC	NH4	32.00	29.50	41.00	1500	F	SCD 21
300	SMK300KDC	NJ1	39.50	34.00	51.50	1850	F	SCD 21
500	SMK500KDC	NJ2	48.50	38.40	59.00	2800	F	SCD 22
750	SMK750KDC	NJ3	51.50	43.40	66.00	3550	F	SCD 22

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015KCCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 25
30	SMK030KCCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 19
45	SMK045KCC	NH6	23.90	25.00	28.75	400	F or W *	SCD 19
75	SMK075KCC	NH3	26.00	25.00	38.00	600	F or W *	SCD 19
112.5	SMK112KCC	NH3	26.00	25.00	38.00	775	F	SCD 19
150	SMK150KCC	NH4	32.00	29.50	41.00	975	F	SCD 19
225	SMK225KCC	NH4	32.00	29.50	41.00	1500	F	SCD 19
300	SMK300KCC	NJ1	39.50	34.00	51.50	1850	F	SCD 19
500	SMK500KCC	NJ2	48.50	38.40	59.00	2800	F	SCD 20
750	SMK750KCC	NJ3	51.50	43.40	66.00	3550	F	SCD 20

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015PBCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	SMK030PBCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	SMK045PBC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	SMK075PBC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	SMK112PBC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150PBC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	SMK225PBC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	SMK300PBC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	SMK500PBC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
50	SMK750PBC	NJ3	51.50	43.40	66.00	3550	F	SCD 10

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

600 Delta Primary Volts

240 Delta Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015PDCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 29
30	SMK030PDC	NH6	23.90	25.00	28.75	300	F or W *	SCD 16
45	SMK045PDC	NH6	23.90	25.00	28.75	400	F or W *	SCD 16
75	SMK075PDC	NH3	26.00	25.00	38.00	600	F or W *	SCD 16
112.5	SMK112PDC	NH3	26.00	25.00	38.00	775	F	SCD 16
150	SMK150PDC	NH4	32.00	29.50	41.00	975	F	SCD 16
225	SMK225PDC	NH4	32.00	29.50	41.00	1500	F	SCD 16
300	SMK300PDC	NJ1	39.50	34.00	51.50	1850	F	SCD 16
500	SMK500PDC	NJ2	48.50	38.40	59.00	2800	F	SCD 29
50	SMK750PDC	NJ3	51.50	43.40	66.00	3550	F	SCD 29

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.

Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



SECTION 8

SECTION 8

ENERGY EFFICIENT DISTRIBUTION TRANSFORMERS

HPS SUPERSENTINEL



SUPER ENERGY EFFICIENT GENERAL PURPOSE DISTRIBUTION TRANSFORMER COPPER WOUND, THREE PHASE

600 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 280-287)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 292-301)
			Width	Depth	Height			
15	SMK015PKCN	NH6	23.90	25.00	28.75	200	F or W *	SCD 10
30	SMK030PKCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	SMK045PKC	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	SMK075PKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	SMK112PKC	NH3	26.00	25.00	38.00	775	F	SCD 9
150	SMK150PKC	NH4	32.00	29.50	41.00	975	F	SCD 9
225	SMK225PKC	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	SMK300PKC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	SMK500PKC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
50	SMK750PKC	NJ3	51.50	43.40	66.00	3550	F	SCD 10

For shielded units, please replace the suffix "C" with "K" on the above part numbers.

*DRIP PLATE KIT REQUIRED. SEE PAGE 290 FOR DETAILS.

SECTION 8

Note: For units smaller than 15kVA, please refer to the single phase copper encapsulated units in Section 9.
Products listed on this page are available as 'CE Mark' products. Please consult our sales office.



Clearwater Tech - Phone: 800.894.0412 - Fax: 208.368.0415 - Web: www.clrwtr.com - Email: info@clrwtr.com