

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 DOE 10 CRF Part 431 & 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 Type 3R Optional Type 4, 4X (stainless steel) and 12.	Heavy Duty Ventilated Type 3R Optional Type 4, 4X (stainless steel) and 12.
Enclosure Finish	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
Neutral	Neutral terminal for field connection (on applicable units).	Neutral terminal for field connection (on applicable units).
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 & 150 kVA units.
Impedance	Typically 2.5% to 6.5%	Typically 2.5% to 6.5%
Mounting	Floor or wall/ceiling mounting available. Refer to selection tables for details.	Floor or wall/ceiling mounting available. Refer to selection tables for details.
Seismic	Seismically certified in accordance with 2009 IBC for $S_{DS} \leq 2.00g$, $z/h = 1.0$ and $I_p = 1.5$	Seismically certified in accordance with 2009 IBC for $S_{DS} \leq 2.00g$, $z/h = 1.0$ and $I_p = 1.5$
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. Features as listed above may differ. Please contact customer service for details, price and availability.



ALUMINUM WOUND, THREE PHASE



208 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015BB	NH5	19.40	20.20	21.50	200	F or W *	SCD 7
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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

208 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015BK	NH5	19.40	20.20	21.50	200	F or W *	SCD 40
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	1850	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 40

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

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

240 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015DB	NH5	19.40	20.20	21.50	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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

FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.



SECTION 7



ALUMINUM WOUND, THREE PHASE

240 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015DK	NH5	19.40	20.20	21.50	200	F or W *	SCD 40
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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

480 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

May be used on a 4 wire 480Y/277 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015KB	NH5	19.40	20.20	21.50	200	F or W *	SCD 7
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	2150	F	SCD 20
750	NMK750KB	NJ3	51.50	43.40	66.00	3200	F	SCD 20

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

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

480 Delta Primary Volts

240 Delta/120 CT Secondary Volts

60 Hz

May be used on a 4 wire 480Y/277 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015KD	NH5	19.40	20.20	21.50	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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

FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.

Data subject to change without notice.



ALUMINUM WOUND, THREE PHASE



480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

May be used on a 4 wire 480Y/277 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015KK	NH5	19.40	20.20	21.50	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

May be used on a 4 wire 600Y/347 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015PB	NH5	19.40	20.20	21.50	200	F or W *	SCD 9
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	2200	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

600Y Primary Volts

240 Delta Secondary Volts

60 Hz

Do not connect neutral when used on 600Y/347 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015PD	NH5	19.40	20.20	21.50	200	F or W *	SCD 16
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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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

FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.

Data subject to change without notice.



ALUMINUM WOUND, THREE PHASE



600 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

May be used on a 4 wire 600Y/347 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015PK	NH5	19.40	20.20	21.50	200	F or W *	SCD 9
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

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

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.

Data subject to change without notice.



COPPER WOUND, THREE PHASE



208 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015BBCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 7
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	850	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

208 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015BKCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 40
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	850	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

240 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015DBCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 40
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	850	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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

FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.

Data subject to change without notice.



COPPER WOUND, THREE PHASE



240 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015DKCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 40
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	850	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

480 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

May be used on a 4 wire 480Y/277 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015KBCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 7
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	850	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	2500	F	SCD 19
750	NMK750KBC	NJ3	51.50	43.40	66.00	3300	F	SCD 19

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

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

480 Delta Primary Volts

240 Delta/120 CT Secondary Volts

60 Hz

May be used on a 4 wire 480Y/277 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015KDCN	NH5	19.40	20.20	21.50	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	850	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED.
REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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

FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.

Data subject to change without notice.



COPPER WOUND, THREE PHASE



480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

May be used on a 4 wire 480Y/277 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015KCCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 25
30	NMK030KCCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 19
45	NMK045KCCN	NH6	23.90	25.00	28.75	400	F or W *	SCD 19
75	NMK075KCCN	NH3	26.00	25.00	38.00	600	F or W *	SCD 19
112.5	NMK112KCCN	NH3	26.00	25.00	38.00	850	F	SCD 19
150	NMK150KCCN	NH4	32.00	29.50	41.00	975	F	SCD 19
225	NMK225KCCN	NH4	32.00	29.50	41.00	1500	F	SCD 19
300	NMK300KCCN	NJ1	39.50	34.00	51.50	1850	F	SCD 19
500	NMK500KCCN	NJ2	48.50	38.40	59.00	2800	F	SCD 20
750	NMK750KCCN	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

May be used on a 4 wire 600Y/347 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015PBCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 9
30	NMK030PBCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 9
45	NMK045PBCN	NH6	23.90	25.00	28.75	400	F or W *	SCD 9
75	NMK075PBCN	NH3	26.00	25.00	38.00	600	F or W *	SCD 9
112.5	NMK112PBCN	NH3	26.00	25.00	38.00	850	F	SCD 9
150	NMK150PBCN	NH4	32.00	29.50	41.00	975	F	SCD 9
225	NMK225PBCN	NH4	32.00	29.50	41.00	1500	F	SCD 9
300	NMK300PBCN	NJ1	39.50	34.00	51.50	1850	F	SCD 9
500	NMK500PBCN	NJ2	48.50	38.40	59.00	2500	F	SCD 10
750	NMK750PBCN	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

600Y Primary Volts

240 Delta Secondary Volts

60 Hz

Do not connect neutral when used on 600Y/347 Volt Supply

kVA	Catalog Number	Case Style (Pages 260 - 267)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
15	NMK015PDCN	NH5	19.40	20.20	21.50	200	F or W *	SCD 16
30	NMK030PDCN	NH6	23.90	25.00	28.75	300	F or W *	SCD 16
45	NMK045PDCN	NH6	23.90	25.00	28.75	400	F or W *	SCD 16
75	NMK075PDCN	NH3	26.00	25.00	38.00	600	F or W *	SCD 16
112.5	NMK112PDCN	NH3	26.00	25.00	38.00	850	F	SCD 16
150	NMK150PDCN	NH4	32.00	29.50	41.00	975	F	SCD 16
225	NMK225PDCN	NH4	32.00	29.50	41.00	1500	F	SCD 16
300	NMK300PDCN	NJ1	39.50	34.00	51.50	1850	F	SCD 16
500	NMK500PDCN	NJ2	48.50	38.40	59.00	2800	F	SCD 29
750	NMK750PDCN	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.

*WALL MOUNTING KIT AND/OR DRIP PLATE KIT REQUIRED. REFER TO PAGES 271 TO 273 FOR DETAILS.

Note: For units smaller than 15kVA, please refer to the three phase encapsulated units in Section 8.

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

FOR TERMINATION DETAILS SEE PAGE 275.

FOR ACCESSORIES SEE PAGES 271 TO 274.

Data subject to change without notice.



SECTION 7