

## 600 VOLT CLASS DISTRIBUTION TRANSFORMERS

### ALUMINUM & COPPER WOUND THREE PHASE FEATURES

9 to 750 kVA



#### THREE PHASE FEATURES

#### NEMA 3R

FEATURE	9 to 750 kVA
<b>UL Listed</b>	File: E112313
<b>CSA Certified</b>	File: LR3902
<b>Frequency</b>	60 Hz
<b>Insulation System</b>	220°C (150°C rise) (optional: 115°C or 80°C rise)
<b>Enclosure Type</b>	Heavy Duty Ventilated NEMA Type 3R
<b>Enclosure Finish</b>	ANSI 61 Grey
<b>Standard Primary Taps</b>	Refer to wiring diagrams for details.
<b>Termination</b>	Front accessible separate high and low voltage terminals; connectors (up to 165A) suitable for aluminum are provided for easy cable installation.
<b>Conduit Knock-Outs</b>	Standard on 9 to 150kVA units.
<b>Impedance</b>	Typically 4 to 6%.
<b>Mounting</b>	Standard Floor Mounting. Optional wall mounting kits are available on 9 to 75 kVA.

*Other voltages 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.*

## ALUMINUM WOUND, THREE PHASE, NEMA 3R STYLE ENCLOSURE

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

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

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009BB	UH1	16.75	14	22	140	F or W*	SCD 33
15	MK015BB	UH1	16.75	14	22	180	F or W*	SCD 33
30	MK030BB	UH2	21.5	19.5	29	300	F or W*	SCD 9
45	MK045BB	UH2	21.5	19.5	29	400	F or W*	SCD 9
75	MK075BB	UH3	26	21	38	575	F or W*	SCD 9
112.5	MK112BB	UH3	26	21	38	750	F	SCD 9
150	MK150BB	UH4	30	24	39	900	F	SCD 9
225	MK225BB	UJ1	39.5	30	50	1350	F	SCD 9
300	MK300BB	UJ1	39.5	30	50	1550	F	SCD 9
500	MK500BB	UJ2	48.5	34	59	2400	F	SCD 33
750	MK750BB	UJ3	51.5	39	66	3450	F	SCD 33

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

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

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

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
15	MK015BK	UH1	16.75	14	22	180	F or W*	SCD 26
30	MK030BK	UH2	21.5	19.5	29	300	F or W*	SCD 34
45	MK045BK	UH2	21.5	19.5	29	400	F or W*	SCD 34
75	MK075BK	UH3	26	21	38	575	F or W*	SCD 34
112.5	MK112BK	UH3	26	21	38	750	F	SCD 34
150	MK150BK	UH4	30	24	39	900	F	SCD 34
225	MK225BK	UJ1	39.5	30	50	1350	F	SCD 34
300	MK300BK	UJ1	39.5	30	50	1550	F	SCD 34
500	MK500BK	UJ2	48.5	34	59	2400	F	SCD 26
750	MK750BK	UJ3	51.5	39	66	3450	F	SCD 26

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

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

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009DB	UH1	16.75	14	22	140	F or W*	SCD 33
15	MK015DB	UH1	16.75	14	22	180	F or W*	SCD 33
30	MK030DB	UH2	21.5	19.5	29	300	F or W*	SCD 9
45	MK045DB	UH2	21.5	19.5	29	400	F or W*	SCD 9
75	MK075DB	UH3	26	21	38	575	F or W*	SCD 9
112.5	MK112DB	UH3	26	21	38	750	F	SCD 9
150	MK150DB	UH4	30	24	39	900	F	SCD 9
225	MK225DB	UJ1	39.5	30	50	1350	F	SCD 9
300	MK300DB	UJ1	39.5	30	50	1550	F	SCD 9
500	MK500DB	UJ2	48.5	34	59	2400	F	No Taps
750	MK750DB	UJ3	51.5	39	66	3450	F	No Taps

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

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

Note: For three phase copper Encapsulated units, please refer to Section 12.

## ALUMINUM WOUND, THREE PHASE, NEMA 3R STYLE ENCLOSURE

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

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

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
15	MK015DK	UH1	16.75	14	22	180	F or W*	SCD 26
30	MK030DK	UH2	21.5	19.5	29	300	F or W*	SCD 34
45	MK045DK	UH2	21.5	19.5	29	400	F or W*	SCD 34
75	MK075DK	UH3	26	21	38	575	F or W*	SCD 34
112.5	MK112DK	UH3	26	21	38	750	F	SCD 34
150	MK150DK	UH4	30	24	39	900	F	SCD 34
225	MK225DK	UJ1	39.5	30	50	1350	F	SCD 34
300	MK300DK	UJ1	39.5	30	50	1550	F	SCD 34
500	MK500DK	UJ2	48.5	34	59	2400	F	SCD 26
750	MK750DK	UJ3	51.5	39	66	3450	F	No Taps

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

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

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

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009KB	UH1	16.75	14	22	140	F or W*	SCD 33
15	MK015KB	UH1	16.75	14	22	180	F or W*	SCD 33
30	MK030KB	UH2	21.5	19.5	29	300	F or W*	SCD 21
45	MK045KB	UH2	21.5	19.5	29	400	F or W*	SCD 21
75	MK075KB	UH3	26	21	38	575	F or W*	SCD 21
112.5	MK112KB	UH3	26	21	38	750	F	SCD 21
150	MK150KB	UH4	30	24	39	900	F	SCD 21
225	MK225KB	UJ1	39.5	30	50	1350	F	SCD 21
300	MK300KB	UJ1	39.5	30	50	1550	F	SCD 21
500	MK500KB	UJ2	48.5	34	59	2400	F	SCD 10
750	MK750KB	UJ3	51.5	39	66	3450	F	SCD 10

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

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

**480 Delta Primary Volts      240 Delta/120 CT<sup>1</sup> Secondary Volts      60 Hz**

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009KD	UH1	16.75	14	22	140	F or W*	SCD 13
15	MK015KD	UH1	16.75	14	22	180	F or W*	SCD 13
30	MK030KD	UH2	21.5	19.5	29	300	F or W*	SCD 23
45	MK045KD	UH2	21.5	19.5	29	400	F or W*	SCD 23
75	MK075KD	UH3	26	21	38	575	F or W*	SCD 23
112.5	MK112KD	UH3	26	21	38	750	F	SCD 23
150	MK150KD	UH4	30	24	39	900	F	SCD 23
225	MK225KD	UJ1	39.5	30	50	1350	F	SCD 23
300	MK300KD	UJ1	39.5	30	50	1550	F	SCD 23
500	MK500KD	UJ2	48.5	34	59	2400	F	SCD 15
750	MK750KD	UJ3	51.5	39	66	3450	F	SCD 15

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

<sup>1</sup> No center tap is provided on the 9kVA unit. The 120V lighting tap is limited to 5% of nameplate rating.

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

Note: For three phase copper Encapsulated units, please refer to Section 12.



## ALUMINUM WOUND, THREE PHASE, NEMA 3R STYLE ENCLOSURE

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

480 Delta Primary Volts

480Y/277 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009KK	UH1	16.75	14	22	140	F or W*	SCD 33
15	MK015KK	UH1	16.75	14	22	180	F or W*	SCD 33
30	MK030KK	UH2	21.5	19.5	29	300	F or W*	SCD 21
45	MK045KK	UH2	21.5	19.5	29	400	F or W*	SCD 21
75	MK075KK	UH3	26	21	38	575	F or W*	SCD 21
112.5	MK112KK	UH3	26	21	38	750	F	SCD 21
150	MK150KK	UH4	30	24	39	900	F	SCD 21
225	MK225KK	UJ1	39.5	30	50	1350	F	SCD 21
300	MK300KK	UJ1	39.5	30	50	1550	F	SCD 21
500	MK500KK	UJ2	48.5	34	59	2400	F	SCD 10
750	MK750KK	UJ3	51.5	39	66	3450	F	SCD 10

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

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

600 Delta Primary Volts

208Y/120 Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 254-257)	Approx. Dimensions (Inches)			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 258-269)
			Width	Depth	Height			
9	MK009PB	UH1	16.75	14	22	140	F or W*	SCD 10
15	MK015PB	UH1	16.75	14	22	180	F or W*	SCD 10
30	MK030PB	UH2	21.5	19.5	29	300	F or W*	SCD 9
45	MK045PB	UH2	21.5	19.5	29	400	F or W*	SCD 9
75	MK075PB	UH3	26	21	38	575	F or W*	SCD 9
112.5	MK112PB	UH3	26	21	38	750	F	SCD 9
150	MK150PB	UH4	30	24	39	900	F	SCD 9
225	MK225PB	UJ1	39.5	30	50	1350	F	SCD 9
300	MK300PB	UJ1	39.5	30	50	1550	F	SCD 9
500	MK500PB	UJ2	48.5	34	59	2400	F	SCD 10
750	MK750PB	UJ3	51.5	39	66	3450	F	SCD 10

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

\*OPTIONAL WALL MOUNTING KIT REQUIRED.

Note: For three phase copper Encapsulated units, please refer to Section 12.

FOR TERMINATION DETAILS SEE PAGE 271 AND 272.

FOR ACCESSORIES SEE PAGE 273.