



SECTION 4

**STANDARD & ENERGY EFFICIENT
DRIVE ISOLATION TRANSFORMERS**

**Aluminum and Copper Wound
Three Phase**

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THREE PHASE, DRIVE ISOLATION TRANSFORMERS

With today's technological advances in solid-state power control devices, the use of AC and DC variable speed drives has proliferated in many industrial markets. General purpose distribution transformers are not adequate for this type of application.

HPS Drive Isolation Transformers are designed to meet the rugged demands of both AC and DC variable speed drives and also to provide the required voltage change. The separate primary and secondary windings provide electrical isolation between the incoming line and the SCR load. The windings are designed to withstand overcurrent of 150% of the rated load for 60 seconds or 200% of the rated load for 30 seconds. (A duty cycle of one start for every two hours is permitted.)

Drive Isolation Transformers are sized to match standard motor horsepower and voltage ratings. Standard sizes range from 5 to 600 HP in six standard voltages. Non-standard sizes and voltages are available upon request.



SELECTION INSTRUCTIONS

Select the Drive Isolation Transformer according to the recommendations from the motor drive system manufacturer or supplier. If this information is unavailable, use the table below as a guide for selecting the transformer kVA for a required motor horsepower.

Motor H.P.	Transformer kVA
5	7.5
7.5	11
10	14
15	20
20	27
25	34
30	40
40	51
50	63
60	75

Motor H.P.	Transformer kVA
75	93
100	118
125	145
150	175
200	220
250	275
300	330
400	440
500	550
600	660

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274

ALUMINUM AND COPPER WOUND FEATURES

THREE PHASE STANDARD SPECIFICATIONS



	7.5 to 175 kVA	220 to 660 kVA
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 some Copper units up to 40kVA	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 (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 terminations; suitable for copper and aluminum are provided for easy cable installation.	Front accessible separate high and low voltage terminations, suitable for copper and aluminum are provided for easy cable installation.
Thermostat	Standard on all units.	Standard on all units.
Conduit Knock-Outs	Standard on all units.	None
Impedance	Typically 3 to 6%	Typically 3 to 6%
Mounting	Floor mounting available on all units. Wall & ceiling mount available on units up to 750 lbs. Refer to selection tables for details.	Floor mounting only.
Seismic	Meets Occupancy Category III Ip=1.25 for Ss=1.0g per IBC 2006; section 1613, earthquake loads and NBCC 2005 for ground level installations only for all locations in North America.	Meets Occupancy Category III Ip=1.25 for Ss=1.0g per IBC 2006; section 1613, earthquake loads and NBCC 2005 for ground level installations only for all locations in North America.
Short Circuit Withstand	Meets UL and CSA short circuit withstand requirements.	Meets UL and CSA short circuit withstand requirements.

SECTION 4

STANDARD DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

208 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007BK	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011BK	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014BK	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020BK	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027BK	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034BK	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040BK	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051BK	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063BK	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075BK	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093BK	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118BK	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145BK	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175BK	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220BK	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275BK	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330BK	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440BK	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550BK	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660BK	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075BKS)

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

230 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007CC	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011CC	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014CC	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020CC	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027CC	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034CC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040CC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051CC	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063CC	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075CC	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093CC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118CC	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145CC	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175CC	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220CC	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275CC	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330CC	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440CC	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550CC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660CC	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075CCS)

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

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

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

STANDARD DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

460 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007JC	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011JC	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014JC	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020JC	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027JC	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034JC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040JC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051JC	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063JC	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075JC	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093JC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118JC	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145JC	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175JC	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220JC	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275JC	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330JC	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440JC	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550JC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660JC	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075JCS)

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

460 Delta Primary Volts

400Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007JH	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011JH	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014JH	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020JH	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027JH	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034JH	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040JH	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051JH	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063JH	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075JH	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093JH	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118JH	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145JH	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175JH	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220JH	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275JH	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330JH	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440JH	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550JH	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660JH	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075JHS)

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

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FOR ACCESSORIES SEE PAGES 271 TO 274



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Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

460 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007JJ	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011JJ	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014JJ	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020JJ	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027JJ	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034JJ	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040JJ	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051JJ	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063JJ	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075JJ	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093JJ	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118JJ	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145JJ	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175JJ	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220JJ	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275JJ	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330JJ	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440JJ	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550JJ	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660JJ	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075JJS)

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

480 Delta Primary Volts

240Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007KD	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011KD	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014KD	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020KD	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027KD	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034KD	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040KD	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051KD	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063KD	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075KD	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093KD	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118KD	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145KD	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175KD	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220KD	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275KD	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330KD	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440KD	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550KD	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660KD	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075KDS)

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

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

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

STANDARD DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

480 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007KK	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011KK	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014KK	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020KK	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027KK	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034KK	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040KK	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051KK	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063KK	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075KK	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093KK	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118KK	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145KK	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175KK	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220KK	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275KK	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330KK	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440KK	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550KK	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660KK	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075KKS)

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

575 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007NJ	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011NJ	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014NJ	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020NJ	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027NJ	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034NJ	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040NJ	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051NJ	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063NJ	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075NJ	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093NJ	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118NJ	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145NJ	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175NJ	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220NJ	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275NJ	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330NJ	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440NJ	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550NJ	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660NJ	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075NJS)

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

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

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FOR ACCESSORIES SEE PAGES 271 TO 274



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Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

575 Delta Primary Volts

575Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007NN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011NN	NH5	19.40	20.20	21.50	160	F or W *	SCD 8
14	DM014NN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
20	DM020NN	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DM027NN	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DM034NN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DM040NN	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DM051NN	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DM063NN	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DM075NN	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DM093NN	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118NN	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DM145NN	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DM175NN	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DM220NN	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DM275NN	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DM330NN	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DM440NN	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DM550NN	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DM660NN	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DM075NNS)

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

COPPER WOUND, THREE PHASE

208 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007BKCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011BKCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014BKCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020BKC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027BKC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034BKC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040BKC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051BKC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063BKC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075BKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093BKC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118BKC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145BKC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175BKC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220BKC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275BKC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330BKC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440BKC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550BKC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660BKC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075BKCK)

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

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

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274



Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

230 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007CCCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011CCCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014CCCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020CCC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027CCC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034CCC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040CCC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051CCC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063CCC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075CCC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093CCC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118CCC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145CCC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175CCC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220CCC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275CCC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330CCC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440CCC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550CCC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660CCC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075CCK)

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

460 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007JCCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011JCCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014JCCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020JCCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027JCCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034JCC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040JCC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051JCC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063JCC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075JCC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093JCC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118JCC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145JCC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175JCC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220JCC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275JCC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330JCC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440JCC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550JCC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660JCC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075JCK)

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

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

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274



Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

460 Delta Primary Volts

400Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007JHCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011JHCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014JHCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020JHCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027JHCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034JHC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040JHC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051JHC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063JHC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075JHC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093JHC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118JHC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145JHC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175JHC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220JHC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275JHC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330JHC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440JHC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550JHC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660JHC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075JHK)

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

460 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007JJCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011JJCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014JJCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020JJCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027JJCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034JJC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040JJC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051JJC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063JJC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075JJC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093JJC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118JJC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145JJC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175JJC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220JJC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275JJC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330JJC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440JJC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550JJC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660JJC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075JJK)

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

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

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

STANDARD DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

480 Delta Primary Volts

240Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007KDCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011KDCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014KDCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020KDCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027KDCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034KDCN	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040KDC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051KDC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063KDC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075KDC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093KDC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118KDC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145KDC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175KDC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220KDC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275KDC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330KDC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440KDC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550KDC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660KDC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075KDK)

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

480 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007KKCN	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011KKCN	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014KKCN	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020KKCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027KKCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034KKCN	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040KKC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051KKC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063KKC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075KKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093KKC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118KKC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145KKC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175KKC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220KKC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275KKC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330KKC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440KKC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550KKC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660KKC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075KKK)

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

SECTION 4



FOR TERMINATION DETAILS SEE PAGE 131

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FOR ACCESSORIES SEE PAGES 271 TO 274

Data subject to change without notice.



For Info: sales@switchesunlimited.com □ www.switchesunlimited.com □ Phone: 800-221-0487 □ Fax: 718-672-6370

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

575 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007NJC	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011NJC	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014NJC	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020NJC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027NJC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034NJC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040NJC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051NJC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063NJC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075NJC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093NJC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118NJC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145NJC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175NJC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220NJC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275NJC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330NJC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440NJC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550NJC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660NJC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075NJK)

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

575 Delta Primary Volts

575Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	DM007NNC	NH5	19.40	20.20	21.50	150	F or W *	SCD 8
11	DM011NNC	NH5	19.40	20.20	21.50	170	F or W *	SCD 8
14	DM014NNC	NH5	19.40	20.20	21.50	210	F or W *	SCD 8
20	DM020NNC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DM027NNC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DM034NNC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DM040NNC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DM051NNC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DM063NNC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DM075NNC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DM093NNC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DM118NNC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DM145NNC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DM175NNC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DM220NNC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DM275NNC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DM330NNC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DM440NNC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DM550NNC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DM660NNC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DM075NNK)

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

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

FOR TERMINATION DETAILS SEE PAGE 131

FOR ACCESSORIES SEE PAGES 271 TO 274



TERMINATION DETAILS



THREE PHASE, ALUMINUM AND COPPER TERMINATION - LUGS OR PADS

kVA	VOLTAGE							
	208	230	240	380	460	480	575	600
7.5	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
11	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
14	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
20	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
27	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
34	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
40	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
51	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
63	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
75	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
93	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
118	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs	Lugs	Lugs
145	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs	Lugs	Lugs
175	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs	Lugs	Lugs
220	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs
275	Diagram 2	Diagram 2	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Lugs
330	Diagram 2	Diagram 2	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
440	Diagram 3	Diagram 3	Diagram 3	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
550	Diagram 3	Diagram 3	Diagram 3	Diagram 2	Diagram 2	Diagram 2	Diagram 1A	Diagram 1A
660	Diagram 3	Diagram 3	Diagram 3	Diagram 3	Diagram 2	Diagram 2	Diagram 2	Diagram 2

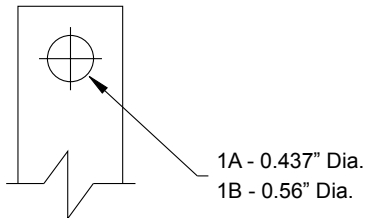


DIAGRAM 1

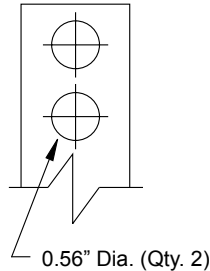


DIAGRAM 2

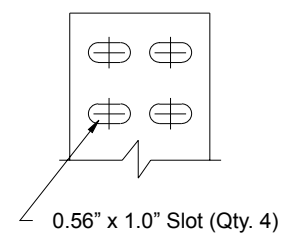


DIAGRAM 3

HPS TRIBUNE**Energy Efficient (TP1/C802.2) Drive Isolation Transformers****ALUMINUM AND COPPER WOUND FEATURES****THREE PHASE SPECIFICATIONS**

	7.5 to 175 kVA	220 to 660 kVA
Efficiency	Meets TP1/C802.2 efficiencies at 35% of rated load. Efficiencies are calculated under a linear load profile. Note: Energy efficient drive isolation transformers are not required by law in the U.S. Please refer to the standard drive isolation transformers on pages 121-130.	
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 some Copper units up to 40kVA	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 (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 terminations, suitable for copper and aluminum are provided for easy cable installation.	Front accessible separate high and low voltage terminations, suitable for copper and aluminum are provided for easy cable installation.
Thermostat	Standard on all units.	Standard on all units.
Conduit Knock-Outs	Standard on all units.	None
Impedance	Typically 3 to 6%	Typically 3 to 6%
Mounting	Floor mounting available on all units. Wall & ceiling mount available on units up to 750 lbs. Refer to selection tables for details.	Floor mounting only.
Seismic	Meets Occupancy Category III Ip=1.25 for Ss=1.0g per IBC 2006; section 1613, earthquake loads and NBCC 2005 for ground level installations only for all locations in North America.	Meets Occupancy Category III Ip=1.25 for Ss=1.0g per IBC 2006; section 1613, earthquake loads and NBCC 2005 for ground level installations only for all locations in North America.
Short Circuit Withstand	Meets UL and CSA short circuit withstand requirements.	Meets UL and CSA short circuit withstand requirements.

FOR TERMINATION DETAILS SEE PAGE 142

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

ENERGY EFFICIENT DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

208 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 122							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 122							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 122							
20	DE020BK	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027BK	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034BK	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040BK	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051BK	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063BK	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075BK	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093BK	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118BK	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145BK	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175BK	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220BK	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275BK	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330BK	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440BK	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550BK	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660BK	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075BKS)

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

230 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 122							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 122							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 122							
20	DE020CC	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027CC	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034CC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040CC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051CC	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063CC	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075CC	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093CC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118CC	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145CC	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175CC	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220CC	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275CC	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330CC	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440CC	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550CC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660CC	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075CCS)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

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FOR ACCESSORIES SEE PAGES 271 TO 274

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Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

460 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
		(Pages 260 - 267)	Width	Depth	Height			
7.5		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 123						
11		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 123						
14		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 123						
20	DE020JC	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027JC	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034JC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040JC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051JC	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063JC	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075JC	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093JC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118JC	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145JC	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175JC	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220JC	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275JC	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330JC	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440JC	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550JC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660JC	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075JCS)

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

460 Delta Primary Volts

400Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
		(Pages 260 - 267)	Width	Depth	Height			(Pages 276 - 288)
7.5		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 123						
11		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 123						
14		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 123						
20	DE020JH	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027JH	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034JH	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040JH	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051JH	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063JH	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075JH	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093JH	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118JH	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145JH	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175JH	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220JH	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275JH	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330JH	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440JH	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550JH	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660JH	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075JHS)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

ENERGY EFFICIENT DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

460 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram
		(Pages 260 - 267)	Width	Depth	Height			
7.5		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 124						
11		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 124						
14		Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 124						
20	DE020JJ	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027JJ	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034JJ	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040JJ	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051JJ	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063JJ	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075JJ	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093JJ	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118JJ	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145JJ	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175JJ	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220JJ	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275JJ	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330JJ	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440JJ	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550JJ	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660JJ	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075JJS)

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

480 Delta Primary Volts

240Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
		(Pages 260 - 267)	Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 124							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 124							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 124							
20	DE020KD	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027KD	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034KD	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040KD	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051KD	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063KD	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075KD	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093KD	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118KD	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145KD	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175KD	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220KD	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275KD	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330KD	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440KD	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550KD	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660KD	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075KDS)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

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FOR ACCESSORIES SEE PAGES 271 TO 274



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Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

480 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 125							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 125							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 125							
20	DE020KK	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027KK	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034KK	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040KK	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051KK	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063KK	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075KK	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093KK	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118KK	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145KK	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175KK	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220KK	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275KK	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330KK	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440KK	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550KK	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660KK	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075KKS)

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

575 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 125							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 125							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 125							
20	DE020NJ	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
27	DE027NJ	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034NJ	NH6	23.90	25.00	28.75	360	F or W *	SCD 7
40	DE040NJ	NH6	23.90	25.00	28.75	390	F or W *	SCD 7
51	DE051NJ	NH6	23.90	25.00	28.75	410	F or W *	SCD 7
63	DE063NJ	NH3	26.00	25.00	38.00	560	F or W *	SCD 7
75	DE075NJ	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093NJ	NH3	26.00	25.00	38.00	780	F or W *	SCD 7
118	DE118NJ	NH3	26.00	25.00	38.00	880	F or W *	SCD 7
145	DE145NJ	NH4	32.00	29.50	41.00	1050	F	SCD 7
175	DE175NJ	NH4	32.00	29.50	41.00	1200	F	SCD 7
220	DE220NJ	NJ1	39.50	34.00	51.50	1650	F	SCD 9
275	DE275NJ	NJ1	39.50	34.00	51.50	1900	F	SCD 9
330	DE330NJ	NJ1	39.50	34.00	51.50	2000	F	SCD 9
440	DE440NJ	NJ2	48.50	38.40	59.00	3000	F	SCD 10
550	DE550NJ	NJ2	48.50	38.40	59.00	3000	F	SCD 10
660	DE660NJ	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075NJS)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

ENERGY EFFICIENT DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

ALUMINUM WOUND, THREE PHASE

575 Delta Primary Volts

575Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 126							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 126							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 126							
20	DE020NN	NH6	23.90	25.00	28.75	240	F or W *	SCD 7
27	DE027NN	NH6	23.90	25.00	28.75	300	F or W *	SCD 7
34	DE034NN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
40	DE040NN	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
51	DE051NN	NH6	23.90	25.00	28.75	430	F or W *	SCD 7
63	DE063NN	NH3	26.00	25.00	38.00	530	F or W *	SCD 7
75	DE075NN	NH3	26.00	25.00	38.00	580	F or W *	SCD 7
93	DE093NN	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118NN	NH3	26.00	25.00	38.00	730	F or W *	SCD 7
145	DE145NN	NH4	32.00	29.50	41.00	830	F	SCD 7
175	DE175NN	NH4	32.00	29.50	41.00	930	F	SCD 7
220	DE220NN	NH4	32.00	29.50	41.00	1350	F	SCD 9
275	DE275NN	NJ1	39.50	34.00	51.50	1500	F	SCD 9
330	DE330NN	NJ1	39.50	34.00	51.50	1700	F	SCD 9
440	DE440NN	NJ2	48.50	38.40	59.00	2100	F	SCD 10
550	DE550NN	NJ2	48.50	38.40	59.00	2350	F	SCD 10
660	DE660NN	NJ3	51.50	43.40	66.00	2900	F	SCD 10

For shielded units, please add the suffix "S" to the above part numbers. (i.e. DE075NNS)

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

COPPER WOUND, THREE PHASE

208 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 126							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 126							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 126							
20	DE020BKC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027BKC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034BKC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040BKC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051BKC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063BKC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075BKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093BKC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118BKC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145BKC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175BKC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220BKC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275BKC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330BKC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440BKC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550BKC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660BKC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075BKK)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

FOR ACCESSORIES SEE PAGES 271 TO 274

Data subject to change without notice.



Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

230 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 127							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 127							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 127							
20	DE020CCC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027CCC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034CCC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040CCC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051CCC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063CCC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075CCC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093CCC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118CCC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145CCC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175CCC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220CCC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275CCC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330CCC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440CCC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550CCC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660CCC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075CCK)

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

460 Delta Primary Volts

230Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 127							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 127							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 127							
20	DE020JCCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027JCCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034JCC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040JCC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051JCC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063JCC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075JCC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093JCC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118JCC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145JCC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175JCC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220JCC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275JCC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330JCC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440JCC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550JCC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660JCC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075JCK)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

FOR ACCESSORIES SEE PAGES 271 TO 274



SECTION 4

ENERGY EFFICIENT DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

460 Delta Primary Volts

400Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 128							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 128							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 128							
20	DE020JHCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027JHCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034JHC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040JHC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051JHC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063JHC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075JHC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093JHC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118JHC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145JHC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175JHC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220JHC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275JHC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330JHC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440JHC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550JHC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660JHC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075JHK)

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

460 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 128							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 128							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 128							
20	DE020JJC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027JJC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034JJC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040JJC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051JJC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063JJC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075JJC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093JJC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118JJC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145JJC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175JJC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220JJC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275JJC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330JJC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440JJC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550JJC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660JJC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075JJK)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

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FOR ACCESSORIES SEE PAGES 271 TO 274

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For Info: sales@switchesunlimited.com □ www.switchesunlimited.com □ Phone: 800-221-0487 □ Fax: 718-672-6370



Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

480 Delta Primary Volts

240Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 129							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 129							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 129							
20	DE020KDCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027KDCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034KDCN	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040KDC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051KDC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063KDC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075KDC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093KDC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118KDC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145KDC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175KDC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220KDC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275KDC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330KDC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440KDC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550KDC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660KDC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075KDK)

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

480 Delta Primary Volts

480Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 129							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 129							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 129							
20	DE020KKCN	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027KKCN	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034KKCN	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040KKC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051KKC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063KKC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075KKC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093KKC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118KKC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145KKC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175KKC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220KKC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275KKC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330KKC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440KKC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550KKC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660KKC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075KKK)

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



SECTION 4

ENERGY EFFICIENT DRIVE ISOLATION TRANSFORMERS

Selection Tables



Listed below are our standard voltages. Other primary and secondary voltages available are 240, 380 and 600.

COPPER WOUND, THREE PHASE

575 Delta Primary Volts

460Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 130							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 130							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 130							
20	DE020NJC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027NJC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034NJC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040NJC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051NJC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063NJC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075NJC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093NJC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118NJC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145NJC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175NJC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220NJC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275NJC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330NJC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440NJC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550NJC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660NJC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075NJK)

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

575 Delta Primary Volts

575Y Secondary Volts

60 Hz

kVA	Catalog Number	Case Style (Pages 260 - 267)	Dimensions			Approx. Weight (Lbs.)	Mtg Type W - Wall F - Floor	Wiring Diagram (Pages 276 - 288)
			Width	Depth	Height			
7.5	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 130							
11	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 130							
14	Outside of C802.2/TP1 guidelines, refer to Non-Energy Efficient Drive Isolation Transformers on page 130							
20	DE020NNC	NH6	23.90	25.00	28.75	270	F or W *	SCD 7
27	DE027NNC	NH6	23.90	25.00	28.75	330	F or W *	SCD 7
34	DE034NNC	NH6	23.90	25.00	28.75	350	F or W *	SCD 7
40	DE040NNC	NH6	23.90	25.00	28.75	380	F or W *	SCD 7
51	DE051NNC	NH6	23.90	25.00	28.75	450	F or W *	SCD 7
63	DE063NNC	NH3	26.00	25.00	38.00	550	F or W *	SCD 7
75	DE075NNC	NH3	26.00	25.00	38.00	600	F or W *	SCD 7
93	DE093NNC	NH3	26.00	25.00	38.00	630	F or W *	SCD 7
118	DE118NNC	NH3	26.00	25.00	38.00	880	F	SCD 7
145	DE145NNC	NH4	32.00	29.50	41.00	930	F	SCD 7
175	DE175NNC	NH4	32.00	29.50	41.00	1100	F	SCD 7
220	DE220NNC	NH4	32.00	29.50	41.00	1450	F	SCD 9
275	DE275NNC	NJ1	39.50	34.00	51.50	1680	F	SCD 9
330	DE330NNC	NJ1	39.50	34.00	51.50	1850	F	SCD 9
440	DE440NNC	NJ2	48.50	38.40	59.00	2350	F	SCD 10
550	DE550NNC	NJ2	48.50	38.40	59.00	2800	F	SCD 10
660	DE660NNC	NJ3	51.50	43.40	66.00	3250	F	SCD 10

For shielded units, please replace the suffix "C" with a 'K' on the above part numbers. (i.e. DE075NNK)

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

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

FOR TERMINATION DETAILS SEE PAGE 142

141

FOR ACCESSORIES SEE PAGES 271 TO 274

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Data subject to change without notice.

For Info: sales@switchesunlimited.com □ www.switchesunlimited.com □ Phone: 800-221-0487 □ Fax: 718-672-6370



TERMINATION DETAILS



THREE PHASE, ALUMINUM AND COPPER TERMINATION - LUGS OR PADS

kVA	VOLTAGE							
	208	230	240	380	460	480	575	600
7.5	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
11	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
14	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
20	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
27	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
34	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
40	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
51	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
63	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
75	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
93	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs	Lugs
118	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs	Lugs	Lugs
145	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs	Lugs	Lugs
175	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs	Lugs	Lugs
220	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Lugs	Lugs	Lugs
275	Diagram 2	Diagram 2	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Lugs
330	Diagram 2	Diagram 2	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
440	Diagram 3	Diagram 3	Diagram 3	Diagram 2	Diagram 1A	Diagram 1A	Diagram 1A	Diagram 1A
550	Diagram 3	Diagram 3	Diagram 3	Diagram 2	Diagram 2	Diagram 2	Diagram 1A	Diagram 1A
660	Diagram 3	Diagram 3	Diagram 3	Diagram 3	Diagram 2	Diagram 2	Diagram 2	Diagram 2

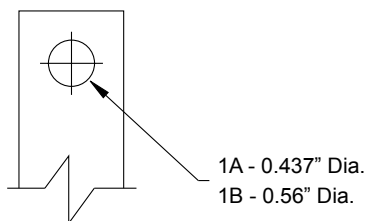


DIAGRAM 1

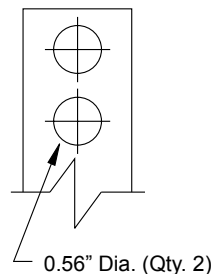


DIAGRAM 2

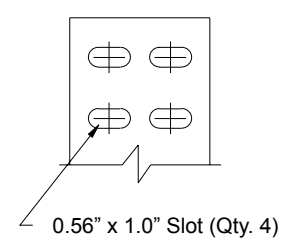


DIAGRAM 3



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