

Section 8: Transformers

GE Fastrac Program Service Dry-Type Transformers

GE Fastrac Program includes popular three-phase dry-type transformers of 15-500kVA.

Product numbers available include 9T23B3871 through 9T23B3876, and 9T30G0007 through 9T30G0009 on page 8-8 of this section.

Standard cycle: 5 days

GE Fastrac Program: 1 day

Publication References

DE-373

Promotional flyer

For more information on these products, order publications listed in Section 21.

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Publications and Reference: See Section 21
for a list of additional product-related publications



Dry-Type/Cased

Isolated

Types QB, QMS, QMS 3 and QL

600 Volts and Below

General Information

The complete family of transformers from GE provide quiet, reliable transformer operation.

All of the dry-type transformers through 1,000 kVA are UL listed under the requirements of Standard 506 and 1561. In addition, each transformer meets the requirements of NEMA ST-20, 1992. Type QB, QMS, and QMS 3 models are C-UL listed.

General-purpose transformers are rated 600 Volts and below for supplying appliance, lighting, and power loads from electrical distribution systems. Standard distribution voltages are 600, 480, and 240 Volts; standard load voltages are 480, 240, 208, and 120 Volts. The transformer is used to obtain the load voltage from the distribution voltage. Since no vaults are required for installation, these transformers can be located right at the load to provide the correct voltage for the application. This eliminates the need for long, costly, low-voltage feeders.

Construction

Types QB, QMS, and QMS 3

Core and coils are contained within a NEMA 3R nonventilated weatherproof enclosure. Type QB, QMS, and QMS 3 units feature encapsulated core and coils.

Type QL

Units are enclosed in a NEMA 2 drip-proof metal enclosure with natural-draft ventilation. Core-and-coil assembly is mounted on rubber isolation pads to reduce noise. Weathershield kits are available for conversion to a NEMA 3R enclosure suitable for outdoor service.

Type-QL – TransforMore

Units utilize fan assisted cooling to achieve reduced size and improved efficiency. These units incorporate an audible alarm and shunt activated disconnect switch for improved safety. Vent guards are standard on this product. Weathershields are available to convert to NEMA 3R enclosure for outdoor service.

Voltage Tap Arrangement

Transformer taps compensate for high or low line voltages. Standard NEMA, ANSI three-phase taps are two 5 percent taps below normal on transformers smaller than 30 kVA. This arrangement provides a 10 percent range of tap voltage adjustment.

Most standard QL units rated 15 through 500 kVA have available six universal voltage taps—four 2 1/2 percent below normal, and two 2 1/2 percent above normal. This arrangement provides a 15 percent range of tap voltage adjustment.

Temperature Class

Industry standards classify insulation systems in accordance with the rating system shown below.

Insulation System Classification			
Ambient	+ Winding Rise	+ Hot Spot	= Temp. Class
40°C	55°C	10°C	105°C
40°C	80°C	30°C	150°C
40°C	115°C	25°C	180°C
40°C	150°C	30°C	220°C

All standard, general-purpose, GE transformers meet all applicable NEMA, ANSI, UL, and IEEE standards.

The design life of transformers having different insulation systems is the same, since the allowable temperature rise of an insulation material system is predicated on a specified life for all insulation. The lower temperature systems are designed for the same life as higher temperature systems.

Sound Levels

All general-purpose transformers are as quiet, or quieter than the 1986 ANSI and NEMA Standards for sound levels. Average sound levels are warranted not to exceed the values listed for each load rating shown in the adjacent table. Sound characteristics vary between transformers of identical voltage and kVA rating. The range of variation may be 4 to 8 decibels.

These values apply only to specified test conditions because the characteristic of the installation can cause them to be higher under operating conditions. Where acoustical noise is deemed to be of unusual concern, proper steps should be taken during installation to minimize audible noise transmission.

TransforMore sound levels are 54 dB when fans are off and operating at less than 50% rated load, and 65 dB when fans are operating.

Sound Levels (Decibels)¹ for 150°C Rise Models

kVA	Sound Levels
0 - 9	40
10 - 50	45
51 - 150	50
151 - 300	55
301 - 500	60

¹Measured per ANSI C89.2-1986.



Product Number Selection Instructions: See Page 8-2
Maximum Dimensions and Weights: See Page 8-16

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Dry-Type/Cased

Isolated

Types QB, QMS, QMS 3 and QL

600 Volts and Below

Termination

Improved termination spacing and wiring compartment room gives greater flexibility in selecting various UL listed connectors for either copper or aluminum cable.

Product Number Selection Instructions

1. Establish phase and frequency
2. Determine the primary voltage—the voltage presently available
3. Determine the secondary voltage—the voltage needed at the load
4. Determine the kVA load, allowing room for expansion
5. Using the facts determined in the four steps, locate the transformer model in the listings on the following pages.



Type QB, .050 kVA-3 kVA, Single-Phase



Type QMS, 5 kVA-25 kVA, Single-Phase



Type QMS 3 3 kVA-15 kVA, Three-Phase



Type QL, 25 kVA-167 kVA, Single-Phase
15 kVA-1500 kVA, Three-Phase



Type QL - TransforMore, 75 kVA-1000 kVA, Three-Phase

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type/Cased
Isolated
General Purpose
Single-Phase

050 - 3 kVA Indoor/Outdoor Type QB UL Listed C-UL Listed

G0-90A

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts, 480 Volts	120/240 Volts	0.05	60 Hz	No taps	1	9T51B0002	\$82.00
240 x 480 Volts	120/240 Volts	0.05	50/60 Hz	No taps	1	9T51B0502	\$88.00
240 x 480 Volts, 480 Volts	120/240 Volts	0.075	60 Hz	No taps	1	9T51B0003	\$90.50
240 x 480 Volts	120/240 Volts	0.075	50/60 Hz	No taps	1	9T51B0503	\$96.50
240 x 480 Volts, 480 Volts	120/240 Volts	0.1	60 Hz	No taps	1	9T51B0004	\$98.50
240 x 480 Volts	120/240 Volts	0.1	50/60 Hz	No taps	1	9T51B0504	\$104.00
240 x 480 Volts, 480 Volts	120/240 Volts	0.15	60 Hz	No taps	1	9T51B0005	\$120.00
240 x 480 Volts	120/240 Volts	0.15	50/60 Hz	No taps	1	9T51B0505	\$126.00
240 x 480 Volts, 480 Volts	120/240 Volts	0.25	60 Hz	No taps	1	9T51B0007	\$141.00
240 x 480 Volts	120/240 Volts	0.25	50/60 Hz	No taps	1	9T51B0507	\$149.00
240 x 480 Volts, 480 Volts	120/240 Volts	0.5	60 Hz	No taps	1	9T51B0008	\$196.00
240 x 480 Volts	120/240 Volts	0.5	50/60 Hz	No taps	1	9T51B0508	\$207.00
240 x 480 Volts, 480 Volts	120/240 Volts	0.75	60 Hz	No taps	1	9T51B0009	\$254.00
240 x 480 Volts	120/240 Volts	0.75	50/60 Hz	No taps	1	9T51B0509	\$269.00
240 x 480 Volts, 480 Volts	120/240 Volts	1	60 Hz	No taps	1	9T51B0010	\$313.00
240 x 480 Volts	120/240 Volts	1	50/60 Hz	No taps	1	9T51B0510	\$334.00
240 x 480 Volts, 480 Volts	120/240 Volts	1.5	60 Hz	No taps	1	9T51B0011	\$382.00
240 x 480 Volts	120/240 Volts	1.5	50/60 Hz	No taps	1	9T51B0511	\$407.00
240 x 480 Volts, 480 Volts	120/240 Volts	2	60 Hz	No taps	1	9T51B0012	\$470.00
240 x 480 Volts	120/240 Volts	2	50/60 Hz	No taps	1	9T51B0512	\$498.00
240 x 480 Volts, 480 Volts	120/240 Volts	3	60 Hz	No taps	1	9T51B0013	\$582.00
240 x 480 Volts	120/240 Volts	3	50/60 Hz	No taps	1	9T51B0513	\$615.00
480 Volts	120/240 Volts	0.25	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0547	\$149.00
480 Volts	120/240 Volts	0.5	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0548	\$207.00
480 Volts	120/240 Volts	0.75	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0549	\$269.00
480 Volts	120/240 Volts	1	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0050	\$332.00
480 Volts	120/240 Volts	1	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0550	\$334.00
480 Volts	120/240 Volts	1.5	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0051	\$397.00
480 Volts	120/240 Volts	1.5	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0551	\$407.00
480 Volts	120/240 Volts	2	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0052	\$489.00
480 Volts	120/240 Volts	2	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0552	\$498.00
480 Volts	120/240 Volts	3	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0053	\$601.00
480 Volts	120/240 Volts	3	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts	3	9T51B0135	\$695.00
480 Volts	120/240 Volts	3	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0553	\$615.00
600 Volts	120/240 Volts	0.05	60 Hz	No taps	5	9T51B0082	\$85.00
600 Volts	120/240 Volts	0.075	60 Hz	No taps	5	9T51B0083	\$94.50
600 Volts	120/240 Volts	0.1	60 Hz	No taps	5	9T51B0084	\$102.00
600 Volts	120/240 Volts	0.1	50/60 Hz	No taps	5	9T51B0584	\$108.00
600 Volts	120/240 Volts	0.15	60 Hz	No taps	5	9T51B0085	\$123.00
600 Volts	120/240 Volts	0.25	60 Hz	No taps	5	9T51B0087	\$154.00
600 Volts	120/240 Volts	0.25	50/60 Hz	No taps	5	9T51B0587	\$164.00
600 Volts	120/240 Volts	0.25	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0567	\$179.00
600 Volts	120/240 Volts	0.5	60 Hz	No taps	5	9T51B0088	\$204.00
600 Volts	120/240 Volts	0.5	50/60 Hz	No taps	5	9T51B0588	\$218.00
600 Volts	120/240 Volts	0.5	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0568	\$231.00
600 Volts	120/240 Volts	0.75	60 Hz	No taps	5	9T51B0089	\$267.00
600 Volts	120/240 Volts	0.75	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0569	\$294.00
600 Volts	120/240 Volts	1	60 Hz	No taps	5	9T51B0090	\$330.00
600 Volts	120/240 Volts	1	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0070	\$347.00
600 Volts	120/240 Volts	1	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0570	\$361.00
600 Volts	120/240 Volts	1.5	60 Hz	No taps	5	9T51B0091	\$410.00
600 Volts	120/240 Volts	1.5	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0071	\$420.00
600 Volts	120/240 Volts	1.5	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0571	\$445.00
600 Volts	120/240 Volts	2	60 Hz	No taps	5	9T51B0092	\$489.00
600 Volts	120/240 Volts	2	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0072	\$512.00
600 Volts	120/240 Volts	2	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0572	\$542.00
600 Volts	120/240 Volts	3	60 Hz	No taps	5	9T51B0093	\$601.00
600 Volts	120/240 Volts	3	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0073	\$655.00
600 Volts	120/240 Volts	3	50/60 Hz	(2) 5% taps below rated primary volts	2	9T51B0573	\$693.00

¹See page 8-17 for wiring diagrams.

TRANSFORMERS

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Product Number Selection Instructions: See Page 8-2
 Maximum Dimensions and Weights: See Page 8-16

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Dry-Type/Cased
Isolated
General Purpose
Single-Phase

5 - 25 kVA Indoor/Outdoor Type QMS 115°C Rise UL Listed C-UL Listed GO-90C

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts	120/240 Volts	5	60 Hz	No taps	1	9T21B1004G02	\$802.00
240 x 480 Volts, 480 Volts	120/240 Volts	5	50/60 Hz	No taps	1	9T21B1055G02	\$890.00
240 x 480 Volts	120/240 Volts	7.5	60 Hz	No taps	1	9T21B1005G02	\$1113.00
240 x 480 Volts, 480 Volts	120/240 Volts	7.5	50/60 Hz	No taps	1	9T21B1056G02	\$1241.00
240 x 480 Volts	120/240 Volts	10	60 Hz	No taps	1	9T21B1006G02	\$1426.00
240 x 480 Volts, 480 Volts	120/240 Volts	10	50/60 Hz	No taps	1	9T21B1057G02	\$1575.00
240 x 480 Volts	120/240 Volts	15	60 Hz	No taps	1	9T21B9103	\$1943.00
240 x 480 Volts, 480 Volts	120/240 Volts	15	50/60 Hz	No taps	1	9T21B9133	\$2159.00
240 x 480 Volts	120/240 Volts	25	60 Hz	No taps	1	9T21B9104	\$2894.00
240 x 480 Volts, 480 Volts	120/240 Volts	25	50/60 Hz	No taps	1	9T21B9134	\$3186.00
480 Volts	120/240 Volts	5	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1007G02	\$821.00
480 Volts	120/240 Volts	5	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts	3	9T21B1013G02	\$909.00
480 Volts	120/240 Volts	7.5	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1008G02	\$1128.00
480 Volts	120/240 Volts	7.5	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts	3	9T21B1014G02	\$1247.00
480 Volts	120/240 Volts	10	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1009G02	\$1451.00
480 Volts	120/240 Volts	10	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts	3	9T21B1015G02	\$1583.00
480 Volts	120/240 Volts	15	60 Hz	(2) 5% taps below rated primary volts	2	9T21B9105	\$1966.00
480 Volts	120/240 Volts	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts	3	9T21B9109	\$2159.00
480 Volts	120/240 Volts	25	60 Hz	(2) 5% taps below rated primary volts	2	9T21B9106	\$2917.00
480 Volts	120/240 Volts	25	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts	3	9T21B9110	\$3186.00
600 Volts	120/240 Volts	5	60 Hz	No taps	5	9T21B1016G02	\$859.00
600 Volts	120/240 Volts	5	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1019G02	\$890.00
600 Volts	120/240 Volts	7.5	60 Hz	No taps	5	9T21B1017G02	\$1189.00
600 Volts	120/240 Volts	7.5	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1020G02	\$1224.00
600 Volts	120/240 Volts	10	60 Hz	No taps	5	9T21B1018G02	\$1512.00
600 Volts	120/240 Volts	10	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1021G02	\$1420.00
600 Volts	120/240 Volts	15	60 Hz	No taps	5	9T21B9111	\$2060.00
600 Volts	120/240 Volts	15	60 Hz	(2) 5% taps below rated primary volts	2	9T21B9113	\$2134.00
600 Volts	120/240 Volts	25	60 Hz	No taps	5	9T21B9112	\$3081.00
600 Volts	120/240 Volts	25	60 Hz	(2) 5% taps below rated primary volts	2	9T21B9114	\$3196.00

¹See page 8-17 for wiring diagrams.

Publications and Reference: See Section 21 for a list of additional product-related publications

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Dry-Type/Cased
Isolated
General Purpose
Single-Phase

25 - 167 kVA Indoor Type QL 150°C Rise UL Listed							GO-66B
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts, 480 Volts	120/240 Volts	25	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	7	9T23B2671	\$2654.00
240 x 480 Volts, 480 Volts	120/240 Volts	37.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	7	9T23B2672	\$3440.00
240 x 480 Volts, 480 Volts	120/240 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	7	9T23B2673	\$4087.00
240 x 480 Volts, 480 Volts	120/240 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	7	9T23B2674	\$5408.00
240 x 480 Volts, 480 Volts	120/240 Volts	100	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	7	9T23B2675	\$7039.00
240 x 480 Volts, 480 Volts	120/240 Volts	167	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	7	9T23B2676	\$11687.00
600 Volts	120/240 Volts	25	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	6	9T23B2681	\$2780.00
600 Volts	120/240 Volts	37.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	6	9T23B2682	\$3692.00
600 Volts	120/240 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	6	9T23B2683	\$4457.00
600 Volts	120/240 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	6	9T23B2684	\$7146.00
600 Volts	120/240 Volts	100	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	6	9T23B2685	\$8251.00
600 Volts	120/240 Volts	167	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	6	9T23B2686	\$15473.00

.050 - 3 kVA Indoor/Outdoor Type QB UL Listed C-UL Listed							GO-90A
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
120 x 240 Volts	120/240 Volts	0.05	60 Hz	No taps	1	9T51B0022	\$93.50
120 x 240 Volts	120/240 Volts	0.1	60 Hz	No taps	1	9T51B0024	\$110.00
120 x 240 Volts	120/240 Volts	0.15	60 Hz	No taps	1	9T51B0025	\$137.00
120 x 240 Volts	120/240 Volts	0.25	60 Hz	No taps	1	9T51B0027	\$158.00
120 x 240 Volts	120/240 Volts	0.5	60 Hz	No taps	1	9T51B0028	\$221.00
120 x 240 Volts	120/240 Volts	0.75	60 Hz	No taps	1	9T51B0029	\$281.00
120 x 240 Volts	120/240 Volts	1	60 Hz	No taps	1	9T51B0030	\$355.00
120 x 240 Volts	120/240 Volts	1.5	60 Hz	No taps	1	9T51B0031	\$437.00
120 x 240 Volts	120/240 Volts	2	60 Hz	No taps	1	9T51B0032	\$533.00
120 x 240 Volts	120/240 Volts	3	60 Hz	No taps	1	9T51B0033	\$645.00
208 Volts	120/240 Volts	0.5	60 Hz	No taps	4	9T51B0158	\$218.00
208 Volts	120/240 Volts	0.75	60 Hz	No taps	4	9T51B0159	\$333.93
208 Volts	120/240 Volts	1	60 Hz	No taps	4	9T51B0160	\$303.00
208 Volts	120/240 Volts	2	60 Hz	No taps	4	9T51B0156	\$533.00
208 Volts	120/240 Volts	3	60 Hz	No taps	4	9T51B0157	\$645.00

5 - 25 kVA Indoor/Outdoor Type QMS 115°C Rise UL Listed C-UL Listed							GO-90C
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
120 x 240 Volts	120/240 Volts	5	60 Hz	No taps	1	9T21B1001G02	\$964.00
120 x 240 Volts	120/240 Volts	7.5	60 Hz	No taps	1	9T21B1002G02	\$1342.00
120 x 240 Volts	120/240 Volts	10	60 Hz	No taps	1	9T21B1003G02	\$1712.00
120 x 240 Volts	120/240 Volts	15	60 Hz	No taps	1	9T21B9101	\$2262.00
120 x 240 Volts	120/240 Volts	25	60 Hz	No taps	1	9T21B9102	\$3018.00
208 Volts	120/240 Volts	5	60 Hz	No taps	4	9T21B1028G02	\$964.00
208 Volts	120/240 Volts	7.5	60 Hz	No taps	4	9T21B1029G02	\$1342.00
208 Volts	120/240 Volts	10	60 Hz	No taps	4	9T21B1030G02	\$1712.00
208 Volts	120/240 Volts	15	60 Hz	No taps	4	9T21B9119	\$2262.00
208 Volts	120/240 Volts	25	60 Hz	No taps	4	9T21B9120	\$3018.00

¹See page 8-17 for wiring diagrams.

²For Outdoor NEMA 3R Enclosure add suffix G62 to product number.

Product Number Selection Instructions: See Page 8-2
 Maximum Dimensions and Weights: See Page 8-16

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Dry-Type/Cased
Isolated
General Purpose
Single-Phase

.050 - 3 kVA Indoor/Outdoor Type QB UL Listed C-UL Listed GO-90A

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
277 Volts	120/240 Volts	0.25	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0187	\$166.00
277 Volts	120/240 Volts	0.5	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0188	\$239.00
277 Volts	120/240 Volts	0.75	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0189	\$311.00
277 Volts	120/240 Volts	1	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0190	\$389.00
277 Volts	120/240 Volts	1.5	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0191	\$475.00
277 Volts	120/240 Volts	2	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0192	\$578.00
277 Volts	120/240 Volts	3	60 Hz	(2) 5% taps below rated primary volts	2	9T51B0193	\$659.00
380/400/416 Volts	120/240 Volts	0.05	50/60 Hz	No taps	2	9T51B0162	\$97.50
380/400/416 Volts	120/240 Volts	0.15	50/60 Hz	No taps	2	9T51B0165	\$142.00
380/400/416 Volts	120/240 Volts	0.25	50/60 Hz	No taps	2	9T51B0167	\$164.00
380/400/416 Volts	120/240 Volts	0.5	50/60 Hz	No taps	2	9T51B0168	\$231.00
380/400/416 Volts	120/240 Volts	0.75	50/60 Hz	No taps	2	9T51B0169	\$302.00
380/400/416 Volts	120/240 Volts	1	50/60 Hz	No taps	2	9T51B0170	\$376.00
380/400/416 Volts	120/240 Volts	1.5	50/60 Hz	No taps	2	9T51B0171	\$464.00
380/400/416 Volts	120/240 Volts	2	50/60 Hz	No taps	2	9T51B0172	\$563.00
380/400/416 Volts	120/240 Volts	3	50/60 Hz	No taps	2	9T51B0173	\$645.00

5 - 25 kVA Indoor/Outdoor Type QMS 115°C Rise UL Listed C-UL Listed GO-90C

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
277 Volts	120/240 Volts	5	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1046G02	\$964.00
277 Volts	120/240 Volts	7.5	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1047G02	\$1342.00
277 Volts	120/240 Volts	10	60 Hz	(2) 5% taps below rated primary volts	2	9T21B1048G02	\$1712.00
277 Volts	120/240 Volts	15	60 Hz	(2) 5% taps below rated primary volts	2	9T21B9143	\$2262.00
277 Volts	120/240 Volts	25	60 Hz	(2) 5% taps below rated primary volts	2	9T21B9144	\$3018.00

¹See page 8-17 for wiring diagrams.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type/Cased
Isolated
General Purpose
Three-Phase

3 - 15 kVA Indoor/Outdoor Type QMS 3 115°C Rise UL Listed C-UL Listed GO-90E

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
480 Volts Delta	208 Y/120Volts	3	60 Hz	(2) 5% taps below rated primary volts.	8	9T21J3000	\$1344.00
480 Volts Delta	208 Y/120Volts	3	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	9	9T21J3002	\$1344.00
480 Volts Delta	208 Y/120Volts	6	60 Hz	(2) 5% taps below rated primary volts.	8	9T21J6000	\$1848.00
480 Volts Delta	208 Y/120Volts	6	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	9	9T21J6002	\$1848.00
480 Volts Delta	208 Y/120Volts	9	60 Hz	(2) 5% taps below rated primary volts.	21	9T21J9000	\$2100.00
480 Volts Delta	208 Y/120Volts	9	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J9001	\$2226.00
480 Volts Delta	480 Y/277 Volts	9	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J9710	\$2310.00
480 Volts Delta	480 Y/277 Volts	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J1712	\$2730.00
480 Volts Delta	208 Y/120Volts	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J1000	\$2940.00
480 Volts Delta	208 Y/120Volts	15	60 Hz	(2) 5% taps below rated primary volts.	21	9T21J1702	\$2730.00
480 Volts Delta	240 Volts Delta	3	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	11	9T21J3001	\$1344.00
480 Volts Delta	240 Volts Delta	6	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	11	9T21J6001	\$1848.00
480 Volts Delta	240 Volts Delta	9	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	10	9T21J9704	\$2310.00
480 Volts Delta	240 Volts Delta	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	10	9T21J1701	\$2730.00
600 Volts Delta	208 Y/120 Volts	3	60 Hz	(2) 5% taps below rated primary volts.	21	9T21J3708	\$1428.00
600 Volts Delta	208 Y/120 Volts	6	60 Hz	(2) 5% taps below rated primary volts.	8	9T21J6016	\$1680.00
600 Volts Delta	208 Y/120 Volts	9	60 Hz	(2) 5% taps below rated primary volts.	21	9T21J9705	\$2310.00
600 Volts Delta	208 Y/120 Volts	15	60 Hz	(2) 5% taps below rated primary volts.	21	9T21J1703	\$2730.00

15 - 1500 kVA Indoor Type QL UL Listed GO-66A

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3871	\$2793.00
480 Volts Delta	208 Y/120 Volts	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3872	\$3272.00
480 Volts Delta	208 Y/120 Volts	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3873	\$3935.00
480 Volts Delta	208 Y/120 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3864	\$4754.00
480 Volts Delta	208 Y/120 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3874	\$5920.00
480 Volts Delta	208 Y/120 Volts	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3875	\$7869.00
480 Volts Delta	208 Y/120 Volts	150	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3876	\$10261.00
480 Volts Delta	208 Y/120 Volts	225	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T30G0007	\$13922.00
480 Volts Delta	208 Y/120 Volts	300	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T30G0008	\$17587.00
480 Volts Delta	208 Y/120 Volts	400	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T30G0089	\$24309.00
480 Volts Delta	208 Y/120 Volts	500	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T30G0009	\$29107.00
480 Volts Delta	208 Y/120 Volts	750	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T30G0010	\$51063.00
480 Volts Delta	208 Y/120 Volts	1000	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T30G0011	\$58481.00
480 Volts Delta	240 Volts Delta	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23B3881	\$2913.00
480 Volts Delta	240 Volts Delta	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23B3882	\$3272.00
480 Volts Delta	240 Volts Delta	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23B3883	\$3935.00
480 Volts Delta	240 Volts Delta	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23B3884	\$5920.00
480 Volts Delta	240 Volts Delta	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23B3885	\$7869.00

¹See page 8-17 for wiring diagrams.

²For Outdoor NEMA 3R Enclosure add suffix G62 to product number. Consult factory for 1500 kVA model.

Product Number Selection Instructions: See Page 8-2
 Maximum Dimensions and Weights: See Page 8-16

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Dry-Type/Cased
Isolated
General Purpose
Three-Phase

15 - 1500 kVA Indoor Type QL UL Listed (continued)								GO-66A
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number ²	List Price	
480 Volts Delta	240 Volts Delta	150	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23B3886	\$10261.00	
480 Volts Delta	240 Volts Delta	225	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T30G0207	\$13922.00	
480 Volts Delta	240 Volts Delta	300	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T30G0208	\$17587.00	
480 Volts Delta	240 Volts Delta	500	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T30G0209	\$29107.00	
600 Volts Delta	208 Y/120 Volts	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3891	\$3112.00	
600 Volts Delta	208 Y/120 Volts	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3892	\$3511.00	
600 Volts Delta	208 Y/120 Volts	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3893	\$4234.00	
600 Volts Delta	208 Y/120 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3894	\$6363.00	
600 Volts Delta	208 Y/120 Volts	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3895	\$8467.00	
600 Volts Delta	208 Y/120 Volts	150	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3896	\$11031.00	
600 Volts Delta	208 Y/120 Volts	225	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3897	\$16462.00	
600 Volts Delta	208 Y/120 Volts	300	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3898	\$21254.00	

15 - 1500 kVA Indoor Copper-Winding Type QL UL Listed								GO-66A
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number ²	List Price	
480 Volts Delta	208 Y/120 Volts	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9871	\$3492.00	
480 Volts Delta	208 Y/120 Volts	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9872	\$4089.00	
480 Volts Delta	208 Y/120 Volts	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9873	\$4918.00	
480 Volts Delta	208 Y/120 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9864	\$5945.00	
480 Volts Delta	208 Y/120 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9874	\$7398.00	
480 Volts Delta	208 Y/120 Volts	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9875	\$9834.00	
480 Volts Delta	208 Y/120 Volts	150	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23Q9876	\$12829.00	
480 Volts Delta	208 Y/120 Volts	225	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T35G0007	\$17402.00	
480 Volts Delta	208 Y/120 Volts	300	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T35G0008	\$21980.00	
480 Volts Delta	208 Y/120 Volts	500	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T35G0009	\$39719.00	
480 Volts Delta	208 Y/120 Volts	750	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T35G0010	\$69521.00	
480 Volts Delta	208 Y/120 Volts	1000	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T35G0011	\$77273.00	
480 Volts Delta	240 Volts Delta	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23Q9881	\$3639.00	
480 Volts Delta	240 Volts Delta	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23Q9882	\$4089.00	
480 Volts Delta	240 Volts Delta	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23Q9883	\$4918.00	
480 Volts Delta	240 Volts Delta	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23Q9884	\$7398.00	
480 Volts Delta	240 Volts Delta	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23Q9885	\$9834.00	
480 Volts Delta	240 Volts Delta	150	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T23Q9886	\$12829.00	
480 Volts Delta	240 Volts Delta	225	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T35G0207	\$17402.00	
480 Volts Delta	240 Volts Delta	300	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T35G0208	\$21980.00	
480 Volts Delta	240 Volts Delta	500	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	13	9T35G0209	\$39947.00	

¹See page 8-17 for wiring diagrams.

²For Outdoor NEMA 3R Enclosure add suffix G62 to product number. Consult factory for 1500 kVA model.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type/Cased Isolated General Purpose Three-Phase

9, 15 kVA Indoor/Outdoor Type QMS 3 UL Listed C-UL Listed							GO-90E
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number	List Price
208 Volts Delta	480 Y/277 Volts	9	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J9712	\$2310.00
208 Volts Delta	480 Y/277 Volts	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J710	\$2730.00
240 Volts Delta	208 Y/120 Volts	9	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J9713	\$2310.00
240 Volts Delta	208 Y/120 Volts	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J1711	\$2730.00
480 Volts Delta	480 Y/277 Volts	9	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J9710	\$2310.00
480 Volts Delta	480 Y/277 Volts	15	60 Hz	(4) 2 1/2% taps: 2 above and 2 below rated primary volts.	22	9T21J1712	\$2730.00

15 - 500 kVA Indoor Type QL UL Listed							GO-66A
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number ²	List Price
208 Volts Delta	480 Y/277 Volts	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	18	9T23B3801	\$3515.00
208 Volts Delta	480 Y/277 Volts	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	18	9T23B3802	\$3929.00
208 Volts Delta	480 Y/277 Volts	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	18	9T23B3803	\$4719.00
208 Volts Delta	480 Y/277 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	18	9T23B3014	\$5716.00
208 Volts Delta	480 Y/277 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	18	9T23B3804	\$7100.00
208 Volts Delta	480 Y/277 Volts	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	18	9T23B3805	\$9446.00
208 Volts Delta	480 Y/277 Volts	150	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	17	9T23B3806	\$12314.00
208 Volts Delta	480 Y/277 Volts	225	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	17	9T23B3807	\$16703.00
208 Volts Delta	480 Y/277 Volts	300	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	17	9T23B3808	\$21103.00
208 Volts Delta	480 Y/277 Volts	400	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	17	9T23B3015	\$29167.00
208 Volts Delta	480 Y/277 Volts	500	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	17	9T23B3809	\$35144.00
240 Volts Delta	208 Y/120 Volts	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3811	\$3515.00
240 Volts Delta	208 Y/120 Volts	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3812	\$3929.00
240 Volts Delta	208 Y/120 Volts	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3813	\$4719.00
240 Volts Delta	208 Y/120 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3013	\$5716.00
240 Volts Delta	208 Y/120 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3814	\$7100.00
240 Volts Delta	208 Y/120 Volts	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3815	\$9446.00
240 Volts Delta	208 Y/120 Volts	150	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	14	9T23B3816	\$12314.00
240 Volts Delta	208 Y/120 Volts	225	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	14	9T23B3817	\$16703.00
240 Volts Delta	208 Y/120 Volts	300	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	14	9T23B3818	\$21103.00
240 Volts Delta	208 Y/120 Volts	500	60 Hz	(3) 5% taps: 1 above and 2 below rated primary volts.	14	9T23B3819	\$35144.00

¹See page 8-17 for wiring diagrams.

²For Outdoor NEMA 3R Enclosure Add Suffix G62 to product number.

TRANSFORMERS

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Product Number Selection Instructions: See Page 8-2
Maximum Dimensions and Weights: See Page 8-16

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Dry-Type/Cased
Isolated
General Purpose
Three-Phase

15 - 500 kVA Indoor Type QL UL Listed (continued)								GO-66A
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Taps	Wiring Diagram No. ¹	Product Number ²	List Price	
480 Volts Delta	480 Y/277 Volts	15	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3851	\$3377.00	
480 Volts Delta	480 Y/277 Volts	30	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3852	\$3925.00	
480 Volts Delta	480 Y/277 Volts	45	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3853	\$4719.00	
480 Volts Delta	480 Y/277 Volts	50	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3012	\$5710.00	
480 Volts Delta	480 Y/277 Volts	75	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3854	\$7100.00	
480 Volts Delta	480 Y/277 Volts	112.5	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3855	\$9446.00	
480 Volts Delta	480 Y/277 Volts	150	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3856	\$12314.00	
480 Volts Delta	480 Y/277 Volts	225	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3857	\$16703.00	
480 Volts Delta	480 Y/277 Volts	300	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3858	\$21103.00	
480 Volts Delta	480 Y/277 Volts	400	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3017	\$29167.00	
480 Volts Delta	480 Y/277 Volts	500	60 Hz	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	9T23B3859	\$35144.00	

¹See page 8-17 for wiring diagrams.

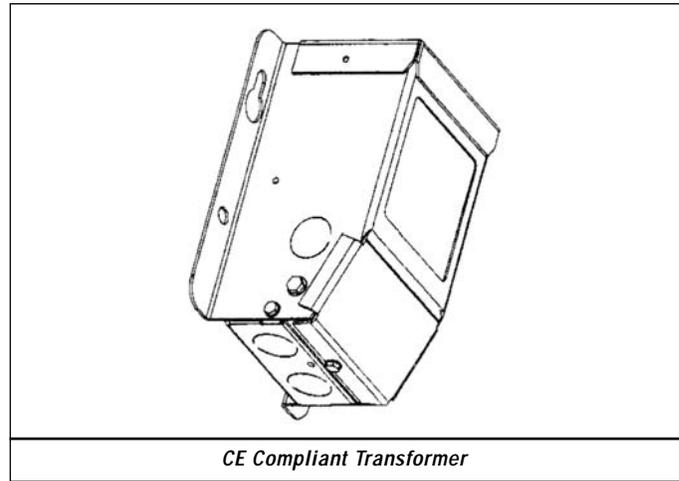
²For Outdoor NEMA 3R Enclosure Add Suffix G62 to product number.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Type QB
Isolated
CE-Rated



CE Compliant Transformer

Safety Isolation 50/60 Hz

GO-90A

Input Voltage	Output Voltage	KVA	Frame size	Depth (in)	Width (in)	Height (in)	Product Number	List Price
230/400 Volts	12/24 Volts	0.05	6	3.25	5.12	6.38	9T51E0021	\$97.00
230/400 Volts	12/24 Volts	0.075	8	4.25	6.12	7.38	9T51E0023	\$105.00
230/400 Volts	12/24 Volts	0.1	8	4.25	6.12	7.38	9T51E0024	\$128.00
230/400 Volts	12/24 Volts	0.15	8	4.25	6.12	7.38	9T51E0025	\$145.00
230/400 Volts	12/24 Volts	0.2	10	4.88	6.88	8.35	9T51E0026	\$210.00
230/400 Volts	12/24 Volts	0.25	10	4.88	6.88	8.35	9T51E0027	\$225.00
230/400 Volts	12/24 Volts	0.3	10	4.88	6.88	8.35	9T51E0028	\$240.00
230/400 Volts	12/24 Volts	0.375	12	5.5	7.88	9.62	9T51E0029	\$275.00

Isolation 50/60 Hz

GO-90A

Input Voltage	Output Voltage	KVA	Frame size	Depth (in)	Width (in)	Height (in)	Product Number	List Price
230/400 Volts	24/48 Volts	0.05	6	3.25	5.12	6.38	9T51E0061	\$97.00
230/400 Volts	24/48 Volts	0.075	8	4.25	6.12	7.38	9T51E0063	\$105.00
230/400 Volts	24/48 Volts	0.1	8	4.25	6.12	7.38	9T51E0064	\$128.00
230/400 Volts	24/48 Volts	0.15	8	4.25	6.12	7.38	9T51E0065	\$145.00
230/400 Volts	24/48 Volts	0.2	10	4.88	6.88	8.35	9T51E0066	\$210.00
230/400 Volts	24/48 Volts	0.25	10	4.88	6.88	8.35	9T51E0067	\$225.00
230/400 Volts	24/48 Volts	0.3	10	4.88	6.88	8.35	9T51E0068	\$240.00
230/400 Volts	24/48 Volts	0.375	12	5.5	7.88	9.62	9T51E0069	\$275.00
230/400 Volts	24/48 Volts	0.5	12	5.5	7.88	9.62	9T51E0071	\$335.00
230/400 Volts	24/48 Volts	0.75	14	6.72	9.38	11.12	9T51E0073	\$407.00

Isolation (Triple-Rated) 50/60 Hz

GO-90A

Input Voltage	Output Voltage	KVA	Frame size	Depth (in)	Width (in)	Height (in)	Product Number	List Price
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.05	6	3.25	5.12	6.38	9T51E0151	\$97.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.075	8	4.25	6.12	7.38	9T51E0153	\$105.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.1	8	4.25	6.12	7.38	9T51E0154	\$128.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.15	8	4.25	6.12	7.38	9T51E0155	\$145.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.2	10	4.88	6.88	8.35	9T51E0156	\$210.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.25	10	4.88	6.88	8.35	9T51E0157	\$225.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.3	10	4.88	6.88	8.35	9T51E0158	\$240.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.375	12	5.5	7.88	9.62	9T51E0159	\$275.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.5	12	5.5	7.88	9.62	9T51E0161	\$335.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.75	14	6.72	9.38	11.12	9T51E0163	\$407.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.1	14	6.72	9.38	11.12	9T51E0164	\$498.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.15	14	6.72	9.38	11.12	9T51E0165	\$615.00

For additional voltage requirements and available QMS single-phase CE designs, contact your GE Industrial Systems Sales Office or GE authorized distributor.

Product Number Selection Instructions: See Page 8-2



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Dry-Type/Cased

Accessories

Type QL

600 Volts and Below

Wall Mounting Brackets (For 150°C Rise Models) GO-66C

Separate, optional wall-mounting brackets are available as accessories on transformers through 75 kVA. Each kit consists of two brackets. Brackets are standard on 0.50-25 kVA single-phase QB and QMS units, and 3-15 kVA three-phase QMS3 units.

KVA	Phase	Product Number	List Price
25	Single-Phase	9T18Y5042	\$141.00
15-50	Three-Phase		
75	Three-Phase	9T18Y5043	\$196.00
37.5-50	Single-Phase		



Transformer Installation Lug Kits 240 x 480 - 120/240 Volt Ratings 150°C Rise GO-66C

- Complete hardware requirement package
- Mechanical set screw construction (no special tools required)
- Connectors UL listed for copper or aluminum.

Phase	KVA	Lugs (ILSCO)	Product Number	List Price
Single-Phase	25, 37.5	TA-250 (6 pcs)	9T18Y7240G02	\$130.00
Single-Phase	75	TA-250 (12 pcs)	9T18Y7240G03	\$250.00
Single-Phase	50	TA-350 (4 pcs), TA-250 (4 pcs)	9T18Y7241G03	\$170.00
Single-Phase	100	TA-350 (12 pcs)	9T18Y7242G07	\$250.00
Single-Phase	167	TA-500 (12 pcs), TA-350, (8 pcs)	9T18Y7242G05	\$600.00

Transformer Installation Lug Kits 480 - 208Y/120 Volt Ratings 150°C Rise GO-66C

Phase	KVA	Lugs (ILSCO)	Product Number	List Price
Three-Phase	15	TA-0 (7 pcs)	9T18Y7327	\$70.00
Three-Phase	30, 45	TA-250 (7 pcs)	9T18Y7240	\$150.00
Three-Phase	75	TA-350 (8 pcs), TA-250 (3 pcs)	9T18Y7241	\$225.00
Three-Phase	112.5	TA-350 (11 pcs)	9T18Y7242	\$225.00
Three-Phase	150	TA-500 (8 pcs), TA-350 (3 pcs)	9T18Y7242G03	\$350.00
Three-Phase	225	TA-350 (22 pcs)	9T18Y7242G02	\$445.00
Three-Phase	300	TA-500 (16 pcs), TA-350 (6 pcs)	9T18Y7242G04	\$700.00
Three-Phase	400, 500	TA-500 (24 pcs), TA-350 (9 pcs)	9T18Y7242G06	\$1050.00
Three-Phase	750	TA-500 (28 pcs), TA-350 (12 pcs)	9T18Y7242G10	\$1250.00

Transformer Vent Guard Kits GO-66C

Single-Phase KVA	Three-Phase KVA	Product Number	List Price
—	15	9T18Y4426G11	\$73.50
25	30/45/50	9T18Y4426G05	\$88.00
37.5/50/75	75/112.5	9T18Y4426G06	\$137.00
—	150	9T18Y4426G07	\$141.00
100/167	225	9T18Y4426G08	\$145.00
—	300	9T18Y4426G09	\$155.00
—	400/500	9T18Y4426G10	\$170.00

Publications and Reference: See Section 21 for a list of additional product-related publications

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Dry-Type/Cased

Accessories

Type QL

600 Volts and Below

Weathershield Kits¹ GO-66C

—UL Approved for Customer Installation

Phase	KVA	Product Number	List Price
Single-Phase	25	9T18Y4317G05	\$256.00
Three-Phase	30, 45, 50		
Single-Phase	37.5, 50	9T18Y4317G06	\$256.00
Three-Phase	75, 112.5		
Three-Phase	150	9T18Y4317G07	\$359.00
Single-Phase	100, 167	9T18Y4317G08	\$359.00
Three-Phase	225		
Three-Phase	300	9T18Y4317G09	\$359.00
Three-Phase	400, 500	9T18Y4317G10	\$359.00
Three-Phase	15	9T18Y4317G11	\$256.00
Three-Phase	750, 1000	9T18Y4317G67	\$918.00

¹For QL enclosures sizes see page 8-16.

For Special Applications i.e., low temperature, K-factor compare dimensions to chart 8-16 to select standard kVA enclosure rating.



Weathershield Kits

Weathershield Kits for Copper K-Factor Transformers GO-66C

Enclosure Width	Enclosure Depth	Product Number	List Price
17.13	N/A	9T18Y4319G02	\$256.00
22.38	N/A	9T18Y4319G04	\$256.00
32.25	N/A	9T18Y4319G06	\$256.00
34.75	N/A	9T18Y4319G08	\$256.00
39	N/A	9T18Y4319G10	\$359.00
42.13	N/A	9T18Y4319G12	\$359.00
46.5	N/A	9T18Y4319G14	\$359.00
53.38	36.88	9T18Y4319G16	\$359.00

Determine size by width or depth of enclosure.

Weathershield Kits for TransforMore Transformers GO-66C

Enclosure Height (in.)	Enclosure Width (in.)	Enclosure Depth (in.)	Product Number	List Price
34.3	30.5	28.5	9T18Y4322G77	\$359.00
40.9	34.8	25.6	9T18Y4322G78	\$359.00
45.4	38.5	33.6	9T18Y4322G79	\$359.00
57.5	47.5	40.0	9T18Y4322G68	\$359.00

Wall Mounting Brackets for Copper K-Factors GO-66C

Enclosure Depth	Product Number	List Price
19.88	9T18Y4320G03	\$141.00
20.00, 23.50	9T18Y4320G04	\$196.00

Determine size by width or depth of enclosure.

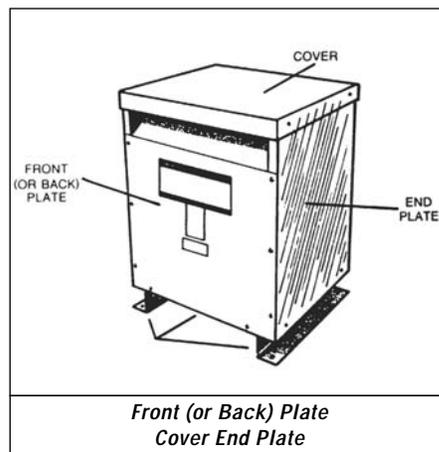


Dry-Type QL

Case Parts

Note: Case parts listed below are for standard 150°C rise units. "Low Temperature Rise", "Low Noise", and K-factor units are frequently built on larger frames than the nameplate kVA would indicate. In these instances, compare dimensions to chart on page 8-16 to determine enclosure standard kVA rating or contact factory or GE Industrial Systems Sales Office.

kVA Ratings @ 150°C				GO-66C	
Replacement Part Type	Single-Phase kVA	Three-Phase kVA	Product Number	List Price	
Complete Enclosure Less Base	—	15	9T18Y4421	\$297.00	
Complete Enclosure Less Base	25	30, 45, 50	9T18Y4412	\$307.00	
Complete Enclosure Less Base	37.5/50	75	9T18Y4413	\$358.00	
Complete Enclosure Less Base	75	112.5	9T18Y4414	\$370.00	
Complete Enclosure Less Base	—	150	9T18Y4415	\$540.00	
Complete Enclosure Less Base	100/167	225	9T18Y4416	\$806.00	
Complete Enclosure Less Base	—	300	9T18Y4417	\$904.00	
Complete Enclosure Less Base	—	400, 500	9T18Y4418	\$1121.80	
Base	—	15	9T18Y4421G02	\$156.00	
Base	25	30, 45, 50	9T18Y4412G02	\$156.00	
Base	37.5/50	75	9T18Y4413G02	\$195.00	
Base	75	112.5	9T18Y4414G02	\$195.00	
Base	—	150	9T18Y4415G02	\$297.00	
Base	100/167	225	9T18Y4416G02	\$456.00	
Base	—	300	9T18Y4417G02	\$495.00	
Base	—	400, 500	9T18Y4418G02	\$569.00	
Front or Back Plate	—	15	9T18Y4421G03	\$106.00	
Front or Back Plate	25	30, 45, 50	9T18Y4412G03	\$108.00	
Front or Back Plate	37.5/50	75	9T18Y4413G03	\$119.00	
Front or Back Plate	75	112.5	9T18Y4414G03	\$124.00	
Front or Back Plate	—	150	9T18Y4415G03	\$202.00	
Front or Back Plate	100/167	225	9T18Y4416G03	\$268.00	
Front or Back Plate	—	300	9T18Y4417G03	\$300.00	
Front or Back Plate	—	400, 500	9T18Y4418G03	\$416.00	
End Plate	—	15	9T18Y4411G04	\$103.00	
End Plate	25	30, 45, 50	9T18Y4412G04	\$105.00	
End Plate	37.5/50	75	9T18Y4413G04	\$112.00	
End Plate	75	112.5	9T18Y4414G04	\$124.00	
End Plate	—	150	9T18Y4415G04	\$212.00	
End Plate	100/167	225	9T18Y4416G04	\$258.00	
End Plate	—	300	9T18Y4417G04	\$295.00	
End Plate	—	400, 500	9T18Y4418G04	\$323.00	
Cover	—	15	9T18Y4421G05	\$118.00	
Cover	25	30, 45, 50	9T18Y4412G05	\$105.00	
Cover	37.5/50	75	9T18Y4413G05	\$116.00	
Cover	75	112.5	9T18Y4414G05	\$133.00	
Cover	—	150	9T18Y4415G05	\$174.00	
Cover	100/167	225	9T18Y4416G05	\$258.00	
Cover	—	300	9T18Y4417G05	\$380.00	
Cover	—	400, 500	9T18Y4418G05	\$295.00	



Three-Phase kVA Type QL - TransforMore				GO-66C	
Replacement Part Type	Enclosure Width (in.)	Enclosure Depth (in.)	Enclosure Height (in.)	Product Number	List Price
Enclosure-piece, Cover	30.5	28.5	34.3	9T18Y4501G77	\$182.00
Enclosure-piece, Front	30.5	28.5	34.3	9T18Y4502G77	\$274.00
Enclosure-piece, Grill	30.5	28.5	34.3	9T18Y4503G77	\$96.00
Enclosure-piece, Pan	30.5	28.5	34.3	9T18Y4504G77	\$164.00
Enclosure-piece, Side	30.5	28.5	34.3	9T18Y4505G77	\$380.00
Fan Assembly	30.5	28.5	34.3	9T18Y4507G77	\$639.00
Isomode Pads	30.5	28.5	34.3	9T18Y4508G77	\$31.00
Enclosure-piece, Cover	34.8	25.6	40.9	9T18Y4501G78	\$191.00
Enclosure-piece, Front	34.8	25.6	40.9	9T18Y4502G78	\$319.00
Enclosure-piece, Grill	34.8	25.6	40.9	9T18Y4503G78	\$120.00
Enclosure-piece, Pan	34.8	25.6	40.9	9T18Y4504G78	\$176.00
Enclosure-piece, Side	34.8	25.6	40.9	9T18Y4505G78	\$424.00
Fan Assembly	34.8	25.6	40.9	9T18Y4507G78	\$648.00
Isomode Pads	34.8	25.6	40.9	9T18Y4508G78	\$31.00
Enclosure-piece, Cover	38.5	33.6	45.4	9T18Y4501G79	\$244.00
Enclosure-piece, Front	38.5	33.6	45.4	9T18Y4502G79	\$418.00
Enclosure-piece, Grill	38.5	33.6	45.4	9T18Y4503G79	\$132.00
Enclosure-piece, Pan	38.5	33.6	45.4	9T18Y4504G79	\$233.00
Enclosure-piece, Side	38.5	33.6	45.4	9T18Y4505G79	\$512.00
Fan Assembly	38.5	33.6	45.4	9T18Y4507G79	\$650.00
Isomode Pads	38.5	33.6	45.4	9T18Y4508G79	\$112.00

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type

Dimensions and Weights

Type QB Single-Phase 60, 50/50 Hz

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
0.05	6.38	5.13	3.25	6
0.075	6.38	5.13	3.25	6
0.1	6.38	5.13	3.25	6
0.15	7.38	6.13	4.25	10
0.25	7.38	6.13	4.25	10
0.5	8.38	6.88	4.88	16
0.75	9.63	7.88	5.5	25
1	9.63	7.88	5.5	25
1.5	11.13	9.38	6.72	40
2	11.13	9.38	6.72	40
3	11.13	9.38	6.72	60



Type QMS Single-Phase 60 Hz 115°C Rise

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
5	14.50	10.62	11.00	100
7.5	17.06	10.62	11.00	150
10	17.06	12.50	12.50	200
15	17.06	12.50	12.50	270
25	18.51	17.26	14.72	275



Type QMS Single-Phase 50/60 Hz 115°C Rise

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
5	14.50	10.62	11.00	105
7.5	17.06	10.62	11.00	157
10	17.06	12.50	12.50	214
15	17.06	12.50	12.50	284
25	18.51	17.26	14.72	300



Type QMS 3 Three-Phase 60 Hz 115°C Rise

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
3	11.63	12.37	7.47	75
6	12.55	14.17	8.82	120
9	15.28	17.77	11.52	175
15	14.86	20.30	9.03	245

Type QL Single-Phase 60 Hz 150°C Rise

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
25	32.25	24	18.07	185
37.5	35.75	32	23.69	270
50	35.75	32	23.69	340
75	40	32	23.69	490
100	48	38.5	28.94	630
167	48	38.5	28.94	975



Type QL Three-Phase 60 Hz 150°C Rise

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
15	27.38	19	16.57	185 Al/200Cu
30	32.25	24	18.07	300 Al/315 Cu
45	32.25	24	18.07	365 Al/410 Cu
50	32.25	24	18.07	365 Al
75	35.75	32	23.69	505 Al/556 Cu
112.5	40	32	23.69	650 Al/717 Cu
150	46	35	23.69	875 Al/965 Cu
225	48	38.5	28.94	1160 Al/1310 Cu
300	51.75	42.5	30.25	1450 Al/1550 Cu
400	58.38	47.5	34.75	2100 Al/2500 Cu
500	58.38	47.5	34.75	2550 Al/2950 Cu
750	71	56.05	41.25	3850 Al/4400 Cu
1000	71	56.05	41.25	4800 Al/5800 Cu



Type QL TransforMore

Dwg. No. 303B899AA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
P077	37.3	29.5	28.5	845 Al/976 Cu
P078	40.9	34.8	25.6	1020 Al/1160 Cu
P079	45.4	38.5	33.6	1585 Al/1780 Cu
P068	57.5	47.5	40	3250 Al/4450 Cu

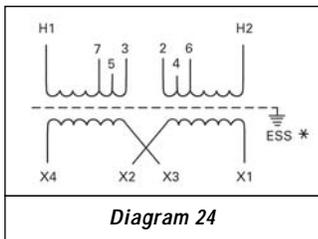
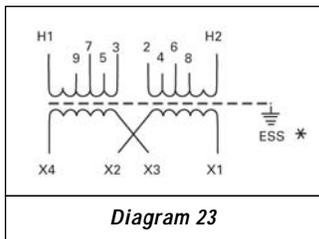
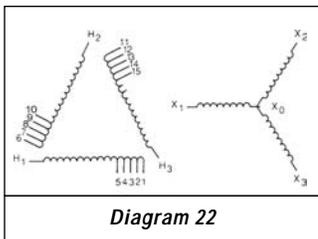
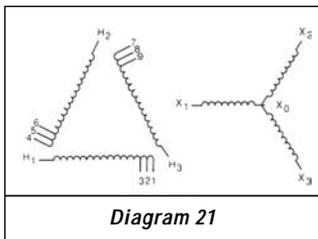
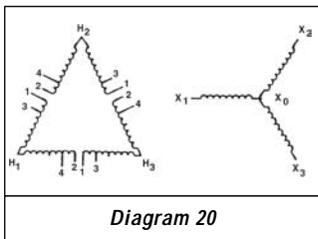
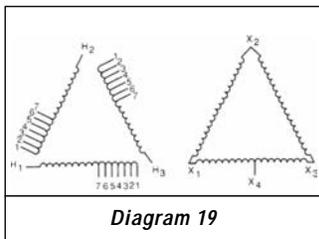
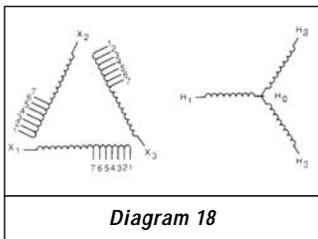
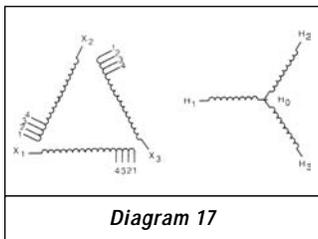
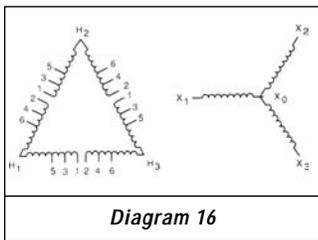
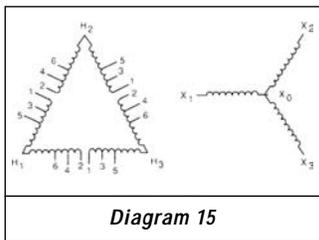
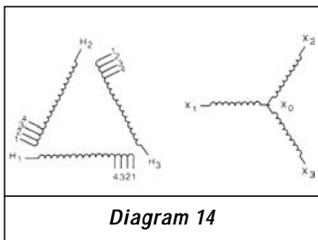
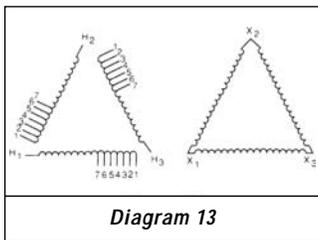
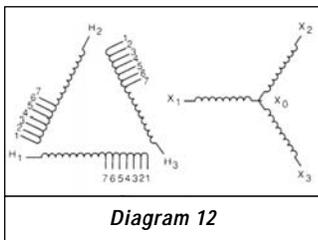
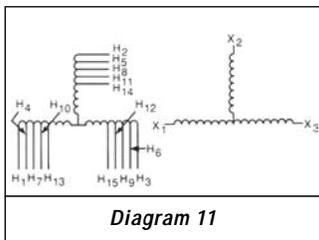
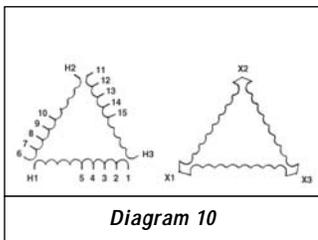
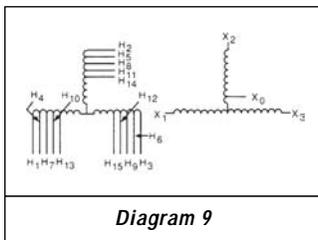
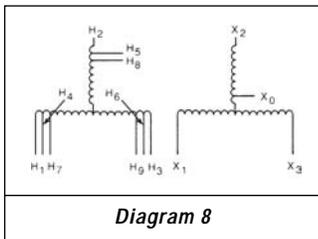
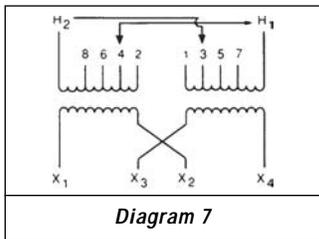
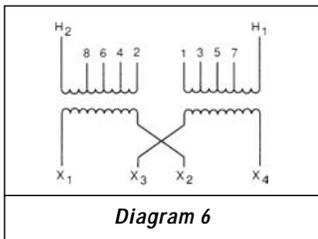
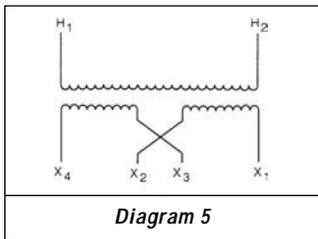
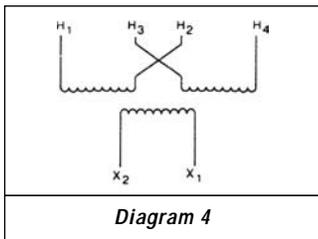
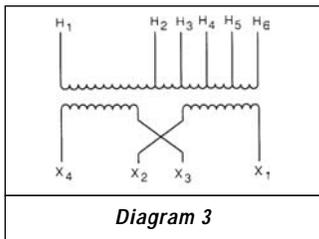
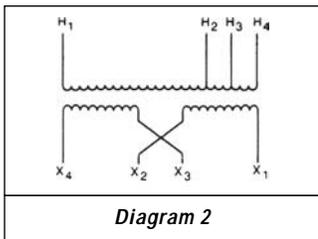
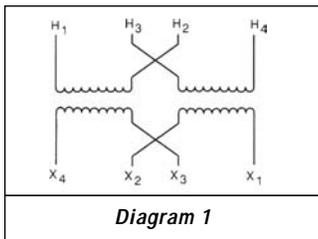
TRANSFORMERS

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Dry-Type
Wiring Diagrams



Publications and Reference: See Section 21 for a list of additional product-related publications

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Energy Saver
Isolated
High-Efficiency TP1

Product Description

General Electric's Energy Saver line of high efficiency transformers are designed to meet the National Electrical Manufacturing Association's (NEMA) TP1 standard. The efficiency levels were developed to reduce the environmental emissions caused in power generation due to transformer losses. The offering is available in Aluminum or Copper windings and in all three temperature rise ratings. The product utilizes a UL recognized 220°C insulation system and is UL listed.

Application

This type of transformer is being legislated and mandated in a number of areas in the United States and by the Federal Government in their purchases. The utilization of this product in new construction can save the owner its cost several times over during its expected operational life. As a retrofit or replacement, we retained the same dimensional characteristics as our standard General Purpose design at 150°C rise.



High Efficiency TP1 Transformer

Single-Phase 60 Hz 150°C Rise Aluminum

GO-66B

Input Voltage	Output Voltage	KVA	Height (in.)	Width (in.)	Depth (in.)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
240 x 480 Volts	120/240 Volts	15	33	16.63	19.38	6	23		9T83B2670	\$3,468.00
240 x 480 Volts	120/240 Volts	25	37	22.38	19.88	6	23		9T83B2671	\$5,330.00
240 x 480 Volts	120/240 Volts	37.5	37	22.38	19.88	6	23		9T83B2672	\$6,631.00
240 x 480 Volts	120/240 Volts	50	45.5	24.38	20	6	23		9T83B2673	\$7,914.00
240 x 480 Volts	120/240 Volts	75	52	25.38	23	6	23		9T83B2674	\$10,023.00
240 x 480 Volts	120/240 Volts	100	60	33.38	26	6	23		9T83B2675	\$13,110.00
240 x 480 Volts	120/240 Volts	167	72	53	44	6	24		9T83B2676	\$21,917.00

Single-Phase 60 Hz 115°C Rise Aluminum

GO-66B

Input Voltage	Output Voltage	KVA	Height (in.)	Width (in.)	Depth (in.)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
240 x 480 Volts	120/240 Volts	15	33	16.63	19.38	6	23		9T83B2670G15	\$3,810.00
240 x 480 Volts	120/240 Volts	25	37	22.38	19.88	6	23		9T83B2671G15	\$5,860.00
240 x 480 Volts	120/240 Volts	37.5	37	22.38	19.88	6	23		9T83B2672G15	\$7,295.00
240 x 480 Volts	120/240 Volts	50	45.5	24.38	20	6	23		9T83B2673G15	\$8,715.00
240 x 480 Volts	120/240 Volts	75	52	25.38	23	6	23		9T83B2674G15	\$11,020.00
240 x 480 Volts	120/240 Volts	100	60	33.38	26	6	23		9T83B2675G15	\$14,420.00
240 x 480 Volts	120/240 Volts	167	72	53	44	6	24		9T83B2676G15	\$24,105.00

Single-Phase 60 Hz 80°C Rise Aluminum

GO-66B

Input Voltage	Output Voltage	KVA	Height (in.)	Width (in.)	Depth (in.)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
240 x 480 Volts	120/240 Volts	15	33	16.63	19.38	6	23		9T83B2670G80	\$4,862.00
240 x 480 Volts	120/240 Volts	25	37	22.38	19.88	6	23		9T83B2671G80	\$6,810.00
240 x 480 Volts	120/240 Volts	37.5	37	22.38	19.88	6	23		9T83B2672G80	\$8,360.00
240 x 480 Volts	120/240 Volts	50	45.5	24.38	20	6	23		9T83B2673G80	\$9,935.00
240 x 480 Volts	120/240 Volts	75	52	25.38	23	6	23		9T83B2674G80	\$12,455.00
240 x 480 Volts	120/240 Volts	100	60	33.38	26	6	23		9T83B2675G80	\$16,240.00
240 x 480 Volts	120/240 Volts	167	72	53	44	6	24		9T83B2676G80	\$26,870.00

¹See page 8-17 for wiring diagrams.

TRANSFORMERS

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Energy Saver
Isolated
High-Efficiency TP1

Single-Phase 60 Hz 150°C Rise Copper										GO-66B
Input Voltage	Output Voltage	KVA	Height (in.)	Width (in.)	Depth (in.)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
240 x 480 Volts	120/240 Volts	15	33	16.63	19.38	6	23		9T83C2570	\$4,085.00
240 x 480 Volts	120/240 Volts	25	37	22.38	19.88	6	23		9T83C2571	\$6,242.00
240 x 480 Volts	120/240 Volts	37.5	37	22.38	19.88	6	23		9T83C2572	\$7,895.00
240 x 480 Volts	120/240 Volts	50	45.5	24.38	20	6	23		9T83C2573	\$9,557.00
240 x 480 Volts	120/240 Volts	75	52	25.38	23	6	23		9T83C2574	\$12,094.00
240 x 480 Volts	120/240 Volts	100	60	33.38	26	6	23		9T83C2575	\$16,093.00
240 x 480 Volts	120/240 Volts	167	72	53	44	6	24		9T83C2576	\$27,617.00

Single-Phase 60 Hz 115°C Rise Copper										GO-66B
Input Voltage	Output Voltage	KVA	Height (in.)	Width (in.)	Depth (in.)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
240 x 480 Volts	120/240 Volts	15	33	16.63	19.38	6	23		9T83C2570G15	\$4,490.00
240 x 480 Volts	120/240 Volts	25	37	22.38	19.88	6	23		9T83C2571G15	\$6,865.00
240 x 480 Volts	120/240 Volts	37.5	37	22.38	19.88	6	23		9T83C2572G15	\$8,685.00
240 x 480 Volts	120/240 Volts	50	45.5	24.38	20	6	23		9T83C2573G15	\$10,510.00
240 x 480 Volts	120/240 Volts	75	52	25.38	23	6	23		9T83C2574G15	\$13,305.00
240 x 480 Volts	120/240 Volts	100	60	33.38	26	6	23		9T83C2575G15	\$17,705.00
240 x 480 Volts	120/240 Volts	167	72	53	44	6	24		9T83C2576G15	\$30,370.00

Single-Phase 60 Hz 80°C Rise Copper										GO-66B
Input Voltage	Output Voltage	KVA	Height (in.)	Width (in.)	Depth (in.)	Taps	Wiring Diagram No.	Approx. Net Weight (Lbs.)	Product Number	List Price
240 x 480 Volts	120/240 Volts	15	33	16.63	19.38	6	23		9T83C2570G80	\$5,210.00
240 x 480 Volts	120/240 Volts	25	37	22.38	19.88	6	23		9T83C2571G80	\$7,975.00
240 x 480 Volts	120/240 Volts	37.5	37	22.38	19.88	6	23		9T83C2572G80	\$9,960.00
240 x 480 Volts	120/240 Volts	50	45.5	24.38	20	6	23		9T83C2573G80	\$11,960.00
240 x 480 Volts	120/240 Volts	75	52	25.38	23	6	23		9T83C2574G80	\$14,995.00
240 x 480 Volts	120/240 Volts	100	60	33.38	26	6	23		9T83C2575G80	\$19,885.00
240 x 480 Volts	120/240 Volts	167	72	53	44	6	24		9T83C2576G80	\$33,760.00

¹See page 8-17 for wiring diagrams.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Energy Saver
 Isolated
 High-Efficiency TP1

Three-Phase 60 Hz 150°C Rise Aluminum										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts	208Y/120 V	15	27.38	19	16.57	6	18	240	9T83B3871	\$3682.00
480 Volts	208Y/120 V	30	32.25	24	18.07	6	18	333	9T83B3872	\$4503.00
480 Volts	208Y/120 V	45	32.25	24	18.07	6	18	379	9T83B3873	\$5575.00
480 Volts	208Y/120 V	75	35.75	32	23.69	6	18	527	9T83B3874	\$7950.00
480 Volts	208Y/120 V	112.5	40	32	23.69	6	18	659	9T83B3875	\$9998.00
480 Volts	208Y/120 V	150	37.3	29.5	28.5	6	18	845	9T40G0006	\$12733.00
480 Volts	208Y/120 V	225	37.3	29.5	28.5	6	18	845	9T40G0007	\$16244.00
480 Volts	208Y/120 V	300	40.9	34.8	25.6	6	18	1020	9T40G0008	\$26595.00
480 Volts	208Y/120 V	500	45.4	38.5	33.6	6	18	1585	9T40G0009	\$38930.00
480 Volts	208Y/120 V	750	57.5	47.5	40.0	6	18	3250	9T40G0010	\$69350.00

Three-Phase 60 Hz 115°C Rise Aluminum										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts	208Y/120 V	15	27.38	19	16.57	6	18	240	9T83B3871G15	\$7101.00
480 Volts	208Y/120 V	30	32.25	24	18.07	6	18	333	9T83B3872G15	\$7539.00
480 Volts	208Y/120 V	45	32.25	24	18.07	6	18	379	9T83B3873G15	\$10270.00
480 Volts	208Y/120 V	75	35.75	32	23.69	6	18	527	9T83B3874G15	\$12892.00
480 Volts	208Y/120 V	112.5	40	32	23.69	6	18	659	9T83B3875G15	\$15950.00
480 Volts	208Y/120 V	150	37.3	29.5	28.5	6	18	845	9T40G0006G51	\$23702.00
480 Volts	208Y/120 V	225	40.9	34.8	25.6	6	18	1020	9T40G0007G51	\$37691.00
480 Volts	208Y/120 V	300	45.4	38.5	33.6	6	18	1585	9T40G0008G51	\$43481.00
480 Volts	208Y/120 V	500	57.5	47.5	40.0	6	18	3250	9T40G0009G51	\$56810.00
480 Volts	208Y/120 V	750	57.5	47.5	40.0	6	18	3250	9T40G0010G51	\$79753.00

Three-Phase 60 Hz 80°C Rise Aluminum										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts	208Y/120 V	15	32.25	24	18.07	6	18	333	9T83B3871G80	\$7719.00
480 Volts	208Y/120 V	30	32.25	24	18.07	6	18	379	9T83B3872G80	\$8194.00
480 Volts	208Y/120 V	45	35.75	32	23.69	6	18	527	9T83B3873G80	\$11163.00
480 Volts	208Y/120 V	75	40	32	23.69	6	18	659	9T83B3874G80	\$14013.00
480 Volts	208Y/120 V	112.5	37.3	29.5	28.5	6	18	845	9T40G0005G81	\$17337.00
480 Volts	208Y/120 V	150	40.9	34.8	25.6	6	18	1020	9T40G0006G81	\$25768.00
480 Volts	208Y/120 V	225	45.4	38.5	33.6	6	18	1585	9T40G0007G81	\$40968.00
480 Volts	208Y/120 V	300	45.4	38.5	33.6	6	18	1585	9T40G0008G81	\$47262.00
480 Volts	208Y/120 V	500	57.5	47.5	40.0	6	18	3250	9T40G0009G81	\$61750.00

¹See page 8-17 for wiring diagrams.

TRANSFORMERS



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Energy Saver
Isolated
High-Efficiency TP1

Three-Phase 60 Hz 150°C Rise Copper										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts	208Y/120 V	15	27.38	19	16.57	6	18	240	9T83C9871	\$6175.00
480 Volts	208Y/120 V	30	32.25	24	18.07	6	18	372	9T83C9872	\$6840.00
480 Volts	208Y/120 V	45	32.25	24	18.07	6	18	453	9T83C9873	\$9785.00
480 Volts	208Y/120 V	75	35.75	32	23.69	6	18	643	9T83C9874	\$12825.00
480 Volts	208Y/120 V	112.5	40	32	23.69	6	18	659	9T83C9875	\$17575.00
480 Volts	208Y/120 V	150	37.3	29.5	28.5	6	18	976	9T45G0006	\$22419.00
480 Volts	208Y/120 V	225	37.3	29.5	28.5	6	18	976	9T45G0007	\$34899.00
480 Volts	208Y/120 V	300	40.9	34.8	25.6	6	18	1160	9T45G0008	\$40659.00
480 Volts	208Y/120 V	500	45.4	38.5	33.6	6	18	1780	9T45G0009	\$52819.00
480 Volts	208Y/120 V	750	57.5	47.5	40.0	6	18	4450	9T45G0010	\$79800.00

Three-Phase 60 Hz 115°C Rise Copper										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts	208Y/120 V	15	27.38	19	16.57	6	18	240	9T83C9871G15	\$7101.00
480 Volts	208Y/120 V	30	32.25	24	18.07	6	18	372	9T83C9872G15	\$7866.00
480 Volts	208Y/120 V	45	32.25	24	18.07	6	18	453	9T83C9873G15	\$11253.00
480 Volts	208Y/120 V	75	35.75	32	23.69	6	18	643	9T83C9874G15	\$14750.00
480 Volts	208Y/120 V	112.5	40	32	23.69	6	18	659	9T83C9875G15	\$20211.00
480 Volts	208Y/120 V	150	37.3	29.5	28.5	6	18	976	9T45G0006G51	\$25782.00
480 Volts	208Y/120 V	225	40.9	34.8	25.6	6	18	1160	9T45G0007G51	\$40203.00
480 Volts	208Y/120 V	300	45.4	38.5	33.6	6	18	1780	9T45G0008G51	\$46758.00
480 Volts	208Y/120 V	500	57.5	47.5	40.0	6	18	4450	9T45G0009G51	\$60742.00
480 Volts	208Y/120 V	750	57.5	47.5	40.0	6	18	4450	9T45G0010G51	\$91770.00

Three-Phase 60 Hz 80°C Rise Copper										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts	208Y/120 V	15	32.25	24	18.07	6	18	372	9T83C9871G80	\$7719.00
480 Volts	208Y/120 V	30	32.25	24	18.07	6	18	453	9T83C9872G80	\$8550.00
480 Volts	208Y/120 V	45	35.75	32	23.69	6	18	643	9T83C9873G80	\$12231.00
480 Volts	208Y/120 V	75	40	32	23.69	6	18	659	9T83C9874G80	\$16031.00
480 Volts	208Y/120 V	112.5	37.3	29.5	28.5	6	18	976	9T45G0005G81	\$21968.00
480 Volts	208Y/120 V	150	37.3	29.5	28.5	6	18	976	9T45G0006G81	\$28024.00
480 Volts	208Y/120 V	225	40.9	34.8	25.6	6	18	1160	9T45G0007G81	\$43699.00
480 Volts	208Y/120 V	300	45.4	38.5	33.6	6	18	1780	9T45G0008G81	\$50824.00
480 Volts	208Y/120 V	500	57.5	47.5	40.0	6	18	4450	9T45G0009G81	\$66025.00
480 Volts	208Y/120 V	750	57.5	47.5	40.0	6	18	4450	9T45G0010G81	\$99750.00

¹See page 8-17 for wiring diagrams.

Publications and Reference: See Section 21 for a list of additional product-related publications

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Dry-Type
Isolated
Drive Isolation
Three-Phase

Application

The use of SCR control circuitry with adjustable-speed drives has resulted in a need for a line of isolation transformers specifically designed to meet the demanding requirements of SCR drives. Symmetrically placed taps and added coil bracing minimize

mechanical forces caused by the often severe SCR drive duty cycles. These features also help protect the transformer from the regenerative duty and more frequent short-circuits associated with SCR drives. Isolation transformers also reduce line-pollution feedback resulting from SCR firing circuits. The GE delta-wye designs meet the NEC requirements for grounded secondary neutrals that isolate primary distribution systems. kVA ratings of the DIT line cover most dc motor requirements from 3 to 1000 hp.

Enclosed drive isolation transformers are UL listed. Insulation systems (vacuum impregnated) are UL Recognized.

3 - 11 kVA Indoor/Outdoor Type QMS 3 UL Listed C-UL Listed GO-90E

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Approx. Impedance (%)	Wiring Diagram No. ¹	Product Number	List Price
230 Volts Delta	230 Y Volts	3	60 Hz	3.4	8	9T21J3709	\$1428.00
230 Volts Delta	230 Y Volts	6	60 Hz	3.2	8	9T21J6008	\$1680.00
230 Volts Delta	230 Y Volts	7.5	60 Hz	2.3	22	9T21J9706	\$2310.00
230 Volts Delta	230 Y Volts	11	60 Hz	2	22	9T21J1704	\$2730.00
230 Volts Delta	460 Y Volts	3	60 Hz	3.4	8	9T21J3710	\$1428.00
230 Volts Delta	460 Y Volts	6	60 Hz	3.2	8	9T21J6010	\$1680.00
230 Volts Delta	460 Y Volts	7.5	60 Hz	2.3	22	9T21J9707	\$2310.00
230 Volts Delta	460 Y Volts	11	60 Hz	2	22	9T21J1705	\$2730.00
460 Volts Delta	230 Y Volts	3	60 Hz	3.4	8	9T21J3705	\$1344.00
460 Volts Delta	230 Y Volts	6	60 Hz	3.2	8	9T21J6006	\$1680.00
460 Volts Delta	230 Y Volts	7.5	60 Hz	2.3	22	9T21J9703	\$2310.00
460 Volts Delta	230 Y Volts	11	60 Hz	2	22	9T21J1706	\$2730.00
460 Volts Delta	460 Y Volts	3	60 Hz	3.4	8	9T21J3704	\$1344.00
460 Volts Delta	460 Y Volts	6	60 Hz	3.2	8	9T21J6005	\$1680.00
460 Volts Delta	460 Y Volts	7.5	60 Hz	2.3	22	9T21J9702	\$2310.00
460 Volts Delta	460 Y Volts	11	60 Hz	2	22	9T21J1707	\$2730.00
575 Volts Delta	230 Y Volts	3	60 Hz	3.4	8	9T21J3707	\$1344.00
575 Volts Delta	230 Y Volts	6	60 Hz	3.2	8	9T21J6007	\$1680.00
575 Volts Delta	230 Y Volts	7.5	60 Hz	2.3	22	9T21J9708	\$2310.00
575 Volts Delta	230 Y Volts	11	60 Hz	2	22	9T21J1709	\$2730.00
575 Volts Delta	460 Y Volts	3	60 Hz	3.4	8	9T21J3706	\$1344.00
575 Volts Delta	460 Y Volts	6	60 Hz	3.2	8	9T21J6011	\$1680.00
575 Volts Delta	460 Y Volts	7.5	60 Hz	2.3	22	9T21J9709	\$2310.00
575 Volts Delta	460 Y Volts	11	60 Hz	2	22	9T21J1708	\$2730.00

NOTE: Full capacity symmetrical taps (1) +5% and (1) -5%, in primary windings for 230 and 460 Y thru 550 kVA; (1) +6.2% and (1) -6.2% at 750 kVA; (1) +6.4% and (1) -6.4% at 1000 kVA. With 575 V primary, symmetrical 5% taps apply thru 750 kVA; at 1000 kVA, (1) +5.1% and (1) -5.1%. For ratings less than 15 kVA, all taps are (1) +5% and (1) -5%, but not symmetrical.

15 - 1000 kVA Indoor Type QL UL Listed C-UL Listed GO-185

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Approx. Impedance (%)	Wiring Diagram No. ¹	Product Number	List Price
230 Volts Delta	230 Y Volts	15	60 Hz	4.7	16	9T23Q4000G29	\$3158.00
230 Volts Delta	230 Y Volts	20	60 Hz	3.8	16	9T23B4001G29	\$3488.00
230 Volts Delta	230 Y Volts	27	60 Hz	5.1	16	9T23B4002G29	\$3753.00
230 Volts Delta	230 Y Volts	34	60 Hz	4.1	16	9T23B4003G29	\$4244.00
230 Volts Delta	230 Y Volts	40	60 Hz	4.9	16	9T23B4004G29	\$4511.00
230 Volts Delta	230 Y Volts	51	60 Hz	5.5	16	9T23B4005G29	\$5477.00
230 Volts Delta	230 Y Volts	63	60 Hz	4.1	16	9T23B4006G29	\$6054.00
230 Volts Delta	230 Y Volts	75	60 Hz	4.9	16	9T23B4007G29	\$6796.00
230 Volts Delta	230 Y Volts	93	60 Hz	4	16	9T23B4008G29	\$7497.00
230 Volts Delta	230 Y Volts	118	60 Hz	5	16	9T23B4009G29	\$9028.00
230 Volts Delta	230 Y Volts	145	60 Hz	4.2	16	9T23B4010G29	\$11771.00
230 Volts Delta	230 Y Volts	175	60 Hz	4.4	16	9T23B4011G29	\$13070.00
230 Volts Delta	230 Y Volts	220	60 Hz	5.5	16	9T23B4012G29	\$16265.00
230 Volts Delta	230 Y Volts	275	60 Hz	5.5	16	9T23B4013G29	\$20177.00
230 Volts Delta	230 Y Volts	330	60 Hz	4.5	16	9T23B4014G29	\$21874.00
230 Volts Delta	230 Y Volts	440	60 Hz	4	16	9T23B4018G07	\$27103.00
230 Volts Delta	230 Y Volts	550	60 Hz	5.6	16	9T23B4018G52	\$33209.00
230 Volts Delta	460 Y Volts	15	60 Hz	4.7	16	9T23Q4000G28	\$3158.00
230 Volts Delta	460 Y Volts	20	60 Hz	3.8	16	9T23B4001G28	\$3488.00
230 Volts Delta	460 Y Volts	27	60 Hz	5.1	16	9T23B4002G28	\$3753.00
230 Volts Delta	460 Y Volts	34	60 Hz	4.1	16	9T23B4003G28	\$4244.00
230 Volts Delta	460 Y Volts	40	60 Hz	4.9	16	9T23B4004G28	\$4511.00
230 Volts Delta	460 Y Volts	51	60 Hz	5.5	16	9T23B4005G28	\$5477.00
230 Volts Delta	460 Y Volts	63	60 Hz	4.1	16	9T23B4006G28	\$6054.00
230 Volts Delta	460 Y Volts	75	60 Hz	4.9	16	9T23B4007G28	\$6796.00
230 Volts Delta	460 Y Volts	93	60 Hz	4	16	9T23B4008G28	\$7497.00
230 Volts Delta	460 Y Volts	118	60 Hz	5	16	9T23B4009G28	\$9028.00
230 Volts Delta	460 Y Volts	145	60 Hz	4.2	16	9T23B4010G28	\$11771.00
230 Volts Delta	460 Y Volts	175	60 Hz	4.4	16	9T23B4011G28	\$13070.00
230 Volts Delta	460 Y Volts	220	60 Hz	5.5	16	9T23B4012G28	\$16265.00
230 Volts Delta	460 Y Volts	275	60 Hz	5.5	16	9T23B4013G28	\$20177.00
230 Volts Delta	460 Y Volts	330	60 Hz	4.5	16	9T23B4014G28	\$21874.00
230 Volts Delta	460 Y Volts	440	60 Hz	4	16	9T23B4018G08	\$27103.00
230 Volts Delta	460 Y Volts	550	60 Hz	5.6	16	9T23B4018G53	\$33209.00
460 Volts Delta	230 Y Volts	15	60 Hz	4.7	16	9T23Q4000G23	\$3158.00
460 Volts Delta	230 Y Volts	20	60 Hz	3.8	16	9T23B4001G23	\$3488.00
460 Volts Delta	230 Y Volts	27	60 Hz	5.1	16	9T23B4002G23	\$3753.00
460 Volts Delta	230 Y Volts	34	60 Hz	4.1	16	9T23B4003G23	\$4244.00
460 Volts Delta	230 Y Volts	40	60 Hz	4.9	16	9T23B4004G23	\$4511.00
460 Volts Delta	230 Y Volts	51	60 Hz	5.5	16	9T23B4005G23	\$5477.00
460 Volts Delta	230 Y Volts	63	60 Hz	4.1	16	9T23B4006G23	\$6054.00
460 Volts Delta	230 Y Volts	75	60 Hz	4.9	16	9T23B4007G23	\$6796.00

¹See page 8-17 for wiring diagrams.

TRANSFORMERS



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Dry-Type
Isolated
Drive Isolation
Three-Phase

15 - 1000 kVA Indoor Type QL UL Listed C-UL Listed (continued) GO-185

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Approx. Impedance (%)	Wiring Diagram No. ¹	Product Number	List Price
460 Volts Delta	230 Y Volts	93	60 Hz	4	16	9T23B4008G23	\$7497.00
460 Volts Delta	230 Y Volts	118	60 Hz	5	16	9T23B4009G23	\$9028.00
460 Volts Delta	230 Y Volts	145	60 Hz	4.2	16	9T23B4010G23	\$11771.00
460 Volts Delta	230 Y Volts	175	60 Hz	4.4	16	9T23B4011G23	\$13068.00
460 Volts Delta	230 Y Volts	220	60 Hz	5.5	16	9T23B4012G23	\$16265.00
460 Volts Delta	230 Y Volts	275	60 Hz	5.5	16	9T23B4013G23	\$20177.00
460 Volts Delta	230 Y Volts	330	60 Hz	4.5	16	9T23B4014G23	\$21874.00
460 Volts Delta	230 Y Volts	440	60 Hz	4	16	9T23B4018G04	\$27103.00
460 Volts Delta	230 Y Volts	550	60 Hz	5.6	16	9T23B4018G13	\$33209.00
460 Volts Delta	230 Y Volts	750	60 Hz	4.7	15	9T23B4027G23	\$44650.00
460 Volts Delta	230 Y Volts	1000	60 Hz	4.5	15	9T23B4028G23 ²	\$57836.00
460 Volts Delta	460 Y Volts	15	60 Hz	4.7	16	9T23Q4000G22	\$3158.00
460 Volts Delta	460 Y Volts	20	60 Hz	3.8	16	9T23B4001G22	\$3488.00
460 Volts Delta	460 Y Volts	27	60 Hz	5.1	16	9T23B4002G22	\$3753.00
460 Volts Delta	460 Y Volts	34	60 Hz	4.1	16	9T23B4003G22	\$4244.00
460 Volts Delta	460 Y Volts	40	60 Hz	4.9	16	9T23B4004G22	\$4511.00
460 Volts Delta	460 Y Volts	51	60 Hz	5.5	16	9T23B4005G22	\$5477.00
460 Volts Delta	460 Y Volts	63	60 Hz	4.1	16	9T23B4006G22	\$6054.00
460 Volts Delta	460 Y Volts	75	60 Hz	4.9	16	9T23B4007G22	\$6796.00
460 Volts Delta	460 Y Volts	93	60 Hz	4	16	9T23B4008G22	\$7497.00
460 Volts Delta	460 Y Volts	118	60 Hz	5	16	9T23B4009G22	\$9028.00
460 Volts Delta	460 Y Volts	145	60 Hz	4.2	16	9T23B4010G22	\$11771.00
460 Volts Delta	460 Y Volts	175	60 Hz	4.4	16	9T23B4011G22	\$13068.00
460 Volts Delta	460 Y Volts	220	60 Hz	5.5	16	9T23B4012G22	\$16265.00
460 Volts Delta	460 Y Volts	275	60 Hz	5.5	16	9T23B4013G22	\$20177.00
460 Volts Delta	460 Y Volts	330	60 Hz	4.5	16	9T23B4014G22	\$21874.00
460 Volts Delta	460 Y Volts	440	60 Hz	4	16	9T23B4018G06	\$27103.00
460 Volts Delta	460 Y Volts	550	60 Hz	5.6	16	9T23B4018G19	\$33209.00
460 Volts Delta	460 Y Volts	750	60 Hz	4.7	15	9T23B4027G22	\$44650.00
460 Volts Delta	460 Y Volts	1000	60 Hz	4.5	15	9T23B4028G22 ²	\$57836.00
575 Volts Delta	230 Y Volts	15	60 Hz	4.7	16	9T23Q4000G27	\$3394.00
575 Volts Delta	230 Y Volts	20	60 Hz	3.8	16	9T23B4001G27	\$3753.00
575 Volts Delta	230 Y Volts	27	60 Hz	5.1	16	9T23B4002G27	\$4034.00
575 Volts Delta	230 Y Volts	34	60 Hz	4.1	16	9T23B4003G27	\$4563.00
575 Volts Delta	230 Y Volts	40	60 Hz	4.9	16	9T23B4004G27	\$4853.00
575 Volts Delta	230 Y Volts	51	60 Hz	5.5	16	9T23B4005G27	\$5891.00
575 Volts Delta	230 Y Volts	63	60 Hz	4.1	16	9T23B4006G27	\$6510.00
575 Volts Delta	230 Y Volts	75	60 Hz	4.9	16	9T23B4007G27	\$7308.00
575 Volts Delta	230 Y Volts	93	60 Hz	4	16	9T23B4008G27	\$8062.00
575 Volts Delta	230 Y Volts	118	60 Hz	5	16	9T23B4009G27	\$9706.00
575 Volts Delta	230 Y Volts	145	60 Hz	4.2	16	9T23B4010G27	\$12655.00
575 Volts Delta	230 Y Volts	175	60 Hz	4.4	16	9T23B4011G27	\$14045.00
575 Volts Delta	230 Y Volts	220	60 Hz	5.5	16	9T23B4012G27	\$17153.00
575 Volts Delta	230 Y Volts	275	60 Hz	5.5	16	9T23B4013G27	\$19217.00
575 Volts Delta	230 Y Volts	330	60 Hz	4.5	16	9T23B4014G27	\$23514.00
575 Volts Delta	230 Y Volts	440	60 Hz	4	16	9T23B4018G50	\$29135.00
575 Volts Delta	230 Y Volts	550	60 Hz	5.6	16	9T23B4018G54	\$35698.00
575 Volts Delta	230 Y Volts	750	60 Hz	4.7	15	9T23B4027G27	\$48002.00
575 Volts Delta	230 Y Volts	1000	60 Hz	4.5	15	9T23B4028G27 ²	\$62173.00
575 Volts Delta	460 Y Volts	15	60 Hz	4.7	16	9T23Q4000G26	\$3394.00
575 Volts Delta	460 Y Volts	20	60 Hz	3.8	16	9T23B4001G26	\$3753.00
575 Volts Delta	460 Y Volts	27	60 Hz	5.1	16	9T23B4002G26	\$4034.00
575 Volts Delta	460 Y Volts	34	60 Hz	4.1	16	9T23B4003G26	\$4563.00
575 Volts Delta	460 Y Volts	40	60 Hz	4.9	16	9T23B4004G26	\$4853.00
575 Volts Delta	460 Y Volts	51	60 Hz	5.5	16	9T23B4005G26	\$5891.00
575 Volts Delta	460 Y Volts	63	60 Hz	4.1	16	9T23B4006G26	\$6510.00
575 Volts Delta	460 Y Volts	75	60 Hz	4.9	16	9T23B4007G26	\$7308.00
575 Volts Delta	460 Y Volts	93	60 Hz	4	16	9T23B4008G26	\$8062.00
575 Volts Delta	460 Y Volts	118	60 Hz	5	16	9T23B4009G26	\$9706.00
575 Volts Delta	460 Y Volts	145	60 Hz	4.2	16	9T23B4010G26	\$12655.00
575 Volts Delta	460 Y Volts	175	60 Hz	4.4	16	9T23B4011G26	\$14045.00
575 Volts Delta	460 Y Volts	220	60 Hz	5.5	16	9T23B4012G26	\$17153.00
575 Volts Delta	460 Y Volts	275	60 Hz	5.5	16	9T23B4013G26	\$19217.00
575 Volts Delta	460 Y Volts	330	60 Hz	4.5	16	9T23B4014G26	\$23514.00
575 Volts Delta	460 Y Volts	440	60 Hz	4	16	9T23B4018G51	\$29135.00
575 Volts Delta	460 Y Volts	550	60 Hz	5.6	16	9T23B4018G55	\$35698.00
575 Volts Delta	460 Y Volts	750	60 Hz	4.7	15	9T23B4027G26	\$48002.00
575 Volts Delta	460 Y Volts	1000	60 Hz	4.5	15	9T23B4028G26 ²	\$62173.00

¹See page 8-17 for wiring diagrams.

²Not C-UL listed. For Outdoor NEMA 3R Enclosure, consult factory

NOTE: Full capacity symmetrical taps (1) +5% and (1) -5%, in primary windings for 230 and 460 Y thru 550 kVA; (1) +6.2% and (1) -6.2% at 750 kVA; (1) +6.4% and (1) -6.4% at 1000 kVA. With 575 V primary, symmetrical 5% taps apply thru 750 kVA; at 1000 kVA, (1) +5.1% and (1) -5.1%. For ratings less than 15 kV contact GE Industrial Systems Sales Office.

Conversion Chart

Decimal	Fraction
.13	1/8
.38	3/8
.63	5/8
.88	7/8

Publications and Reference: See Section 31 for a list of additional product-related publications



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Dry-Type
Drive Isolation
Dimensions and Weights

Type QMS 3 Three-Phase 60 Hz

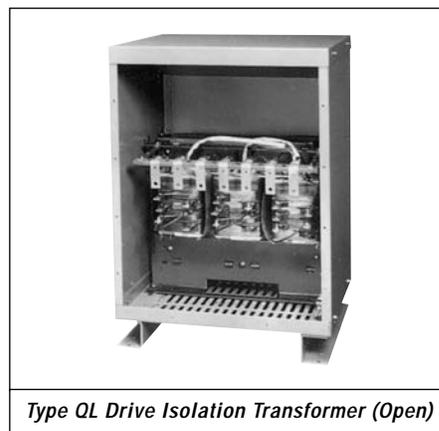
KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
3	11.63	12.37	7.47	75
6	12.55	14.17	8.82	120
7.5	15.28	17.77	11.52	175
11	14.86	20.30	9.03	245

Type QL Three-Phase 60 Hz

KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)
15	27.38	19	16.57	185
20	32.25	24	18.07	300
27	32.25	24	18.07	300
34	32.25	24	18.07	365
40	32.25	24	18.07	365
51	32.25	24	18.07	365
63	35.75	32	23.69	505
75	35.75	32	23.69	505
93	40	32	23.69	650
118	40	32	23.69	650
145	46	35	23.69	875
175	48	38.5	28.94	1160
220	48	38.5	28.94	1160
275	51.75	42.5	30.25	1450
330	58.38	47.5	34.75	2100
440	58.38	47.5	34.75	2550
550	58.38	47.5	34.75	2700
750	71	56.05	41.25	3850
1000	71	56.05	41.25	4800



Type QMS 3 Drive Isolation Transformer



Type QL Drive Isolation Transformer (Open)



Dry-Type

Isolated

K-Factor Rated for Nonlinear Loads

Three-Phase

Product Description

These type QL transformers have passed the UL K-factor testing program. K-factor is a UL term related to harmonics. These units shall not exceed rated winding temperature rise at full load and rated K-factor. Neutrals are capable of handling 200% of rated secondary phase current.

Full-width copper electrostatic shielding is standard on all GE K-factor rated transformers. Effective coupling capacitance is 30 pf. Common mode noise attenuation averages 120 dB, and normal mode noise attenuation averages 30 dB.

Application

For commercial applications with significance nonlinear electronic loading, use K=4 for systems with 50% connected nonlinear electronic loads; K=13 for systems with 100% connected nonlinear electronic loads.

Higher K-factor rated units are available for unique applications.



Type QL, UL K-Factor Transformer

K=4 Indoor Type QL 60 Hz 150°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts Delta	208 Y/120 Volts	15	27.35	18.99	16.55	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	185	9T23Q3461G03	\$3404.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3462G03	\$3830.00
480 Volts Delta	208 Y/120 Volts	45	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3463G03	\$5823.00
480 Volts Delta	208 Y/120 Volts	75	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3464G03	\$8360.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0005G03	\$11697.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0006G03	\$15195.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T34G0007G03	\$20873.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T34G0008G03	\$28922.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T34G0009G03	\$46511.00

K=4 Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3462G13	\$3988.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3463G13	\$4836.00
480 Volts Delta	208 Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q1663G13	\$6619.00
480 Volts Delta	208 Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	650	9T23Q3464G13	\$9131.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0005G53	\$13011.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0006G53	\$16373.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T34G0007G53	\$22522.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T34G0008G53	\$31237.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T34G0009G53	\$52091.00

¹See page 8-17 for wiring diagrams.

Publications and Reference: See Section 21 for a list of additional product-related publications



Dry-Type
Isolated
K-Factor Rated for Nonlinear Loads
Three-Phase

K=4 Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3462G83	\$4358.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3463G83	\$5254.00
480 Volts Delta	208 Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q1663G83	\$7249.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0004G83	\$10279.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0005G83	\$14380.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T34G0006G83	\$18952.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T34G0007G83	\$25325.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T34G0008G83	\$46511.00

K=13 Indoor Type QL 60 Hz 150°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	27.35	18.99	16.55	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	185	9T23Q3471G03	\$3644.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3472G03	\$4318.00
480 Volts Delta	208 Y/120 Volts	45	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3473G03	\$6474.00
480 Volts Delta	208 Y/120 Volts	75	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3474G03	\$8667.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T31G0005G03	\$12901.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T31G0006G03	\$17360.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T31G0007G03	\$25720.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T31G0008G03	\$29275.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T31G0009G03	\$54764.00

K=13 Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3471G13	\$4143.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3472G13	\$4943.00
480 Volts Delta	208 Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3473G13	\$7224.00
480 Volts Delta	208 Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	650	9T23Q3475G13	\$10168.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T31G0005G53	\$13865.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T31G0006G53	\$18244.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T31G0007G53	\$27084.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T31G0008G53	\$46510.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

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Dry-Type

Isolated

K-Factor Rated for Nonlinear Loads

Three-Phase

K=13 Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3471G83	\$4578.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3472G83	\$5515.00
480 Volts Delta	208 Y/120 Volts	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	605	9T23Q3474G83	\$8211.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T31G0004G83	\$10787.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T31G0005G83	\$14947.00
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T31G0006G83	\$19915.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T31G0007G83	\$46510.00
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T31G0008G83	\$52091.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type

Isolated

K-Factor Rated for Nonlinear Loads

Three-Phase

K=20 Indoor Type QL 60 Hz 150°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	27.35	18.99	16.55	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	185	9T23Q3481G03	\$3868.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3482G03	\$4683.00
480 Volts Delta	208 Y/120 Volts	45	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3483G03	\$6871.00
480 Volts Delta	208 Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	650	9T23Q3484G03	\$9097.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0005G03	\$13569.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0006G03	\$18168.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T32G0007G03	\$26997.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T32G0008G03	\$35724.00

K=20 Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3481G13	\$4358.00
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3482G13	\$5208.00
480 Volts Delta	208 Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3483G13	\$7581.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0004G53	\$10491.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0005G53	\$14573.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0006G53	\$20081.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T32G0007G53	\$28437.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T32G0008G53	\$47201.00

K=20 Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3481G83	\$4673.00
480 Volts Delta	208 Y/120 Volts	30	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3482G83	\$5626.00
480 Volts Delta	208 Y/120 Volts	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	650	9T23Q3484G83	\$8442.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0004G83	\$11213.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T32G0005G83	\$15655.00
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T32G0006G83	\$20888.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T32G0007G83	\$52090.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

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Dry-Type
Isolated
K-Factor Rated for Nonlinear Loads
Three-Phase

K=30 Indoor Type QL 60 Hz 150°C Rise Aluminum UL Listed											GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price	
480 Volts Delta	208 Y/120 Volts	15	27.35	18.99	16.55	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	185	9T23Q3491G03	\$4062.00	
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3492G03	\$4916.00	
480 Volts Delta	208 Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3493G03	\$7214.00	
480 Volts Delta	208 Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	650	9T23Q3495G03	\$9761.00	
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T33G0006G03	\$19075.00	
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T33G0005G03	\$14346.00	
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T33G0007G03	\$28345.00	
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T33G0008G03	\$46511.00	

K=30 Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed											GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price	
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3491G13	\$4576.00	
480 Volts Delta	208 Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	365	9T23Q3492G13	\$5469.00	
480 Volts Delta	208 Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3493G13	\$7959.00	
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T33G0004G53	\$11016.00	
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T33G0005G53	\$15512.00	
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T33G0006G53	\$20470.00	
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1585	9T33G0007G53	\$47201.00	
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T33G0008G53	\$52091.00	

K=30 Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed											GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price	
480 Volts Delta	208 Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	300	9T23Q3491G83	\$4906.00	
480 Volts Delta	208 Y/120 Volts	30	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	505	9T23Q3492G83	\$5909.00	
480 Volts Delta	208 Y/120 Volts	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	650	9T23Q3494G83	\$8864.00	
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T33G0004G83	\$14200.00	
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	845	9T33G0005G83	\$18925.00	
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1020	9T33G0006G83	\$25186.00	
480 Volts Delta	208 Y/120 Volts	225	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	3250	9T33G0007G83	\$56979.00	

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 31 for a list of additional product-related publications



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Dry-Type

Isolated

K-Factor Rated for Nonlinear Loads

Three-Phase

K=4 Indoor Type QL 60 Hz 150°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9561G03	\$4377.90
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9562G03	\$6153.85
480 Volts Delta	208 Y/120 Volts	45	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	385	9T23Q9563G03	\$7114.00
480 Volts Delta	208 Y/120 Volts	50	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23C9430G03	\$7610.00
480 Volts Delta	208 Y/120 Volts	75	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9564G03	\$9768.00
480 Volts Delta	208 Y/120 Volts	112.5	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9565G03	\$13020.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T39G0006G03	\$18368.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T39G0007G03	\$24542.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T39G0008G03	\$35786.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T39G0089G03	\$56995.35
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T39G0009G03	\$87836.00

K=4 Indoor Type QL 60 Hz 115°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9562G13	\$4952.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9563G13	\$6700.00
480 Volts Delta	208 Y/120 Volts	45	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9482G13	\$8590.00
480 Volts Delta	208 Y/120 Volts	50	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23C9430G13	\$9794.00
480 Volts Delta	208 Y/120 Volts	75	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9564G13	\$12452.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T39G0005G53	\$18326.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T39G0006G53	\$24449.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T39G0007G53	\$34693.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T39G0008G53	\$44955.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T39G0089G53	\$59308.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T39G0009G53	\$90969.00

K=4 Indoor Type QL 60 Hz 80°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9562G83	\$6185.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9563G83	\$7473.00
480 Volts Delta	208 Y/120 Volts	45	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9482G83	\$10305.00
480 Volts Delta	208 Y/120 Volts	50	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	595	9T23C9430G83	\$10625.00
480 Volts Delta	208 Y/120 Volts	75	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9565G83	\$13980.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T39G0005G83	\$19554.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T39G0006G83	\$25100.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T39G0007G83	\$36633.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T39G0008G83	\$50789.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T39G0089G83	\$65472.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T39G0009G83	\$94496.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.



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Dry-Type

Isolated

K-Factor Rated for Nonlinear Loads

Three-Phase

K=13 Indoor Type QL 60 Hz 150°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9571G03	\$4739.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9572G03	\$6670.00
480 Volts Delta	208 Y/120 Volts	45	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	385	9T23Q9573G03	\$7651.00
480 Volts Delta	208 Y/120 Volts	50	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23C9431G03	\$8250.00
480 Volts Delta	208 Y/120 Volts	75	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9574G03	\$10625.00
480 Volts Delta	208 Y/120 Volts	112.5	44.5	39	23	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1050	9T23Q9575G03	\$14146.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T36G0006G03	\$19916.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T36G0007G03	\$27978.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T36G0008G03	\$38749.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0089G03	\$61269.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0009G03	\$94425.00

K=13 Indoor Type QL 60 Hz 115°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9571G13	\$5372.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	385	9T23Q9572G13	\$7253.00
480 Volts Delta	208 Y/120 Volts	45	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9573G13	\$9426.95
480 Volts Delta	208 Y/120 Volts	50	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23C9431G13	\$10775.00
480 Volts Delta	208 Y/120 Volts	75	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9575G13	\$13386.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T36G0005G53	\$19865.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T36G0006G53	\$26524.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T36G0007G53	\$38626.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T36G0008G53	\$51248.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0089G53	\$67611.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0009G53	\$101885.00

K=13 Indoor Type QL 60 Hz 80°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9571G83	\$6649.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9572G83	\$8032.00
480 Volts Delta	208 Y/120 Volts	45	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9574G83	\$11131.00
480 Volts Delta	208 Y/120 Volts	50	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23C9431G83	\$11512.65
480 Volts Delta	208 Y/120 Volts	75	44.5	39	23	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1050	9T23Q9575G83	\$15209.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T36G0005G83	\$21475.00
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T36G0006G83	\$27743.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T36G0007G83	\$41761.00
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0008G83	\$55127.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0089G83	\$71977.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T36G0009G83	\$101583.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type
Isolated
K-Factor Rated for Nonlinear Loads
Three-Phase

K=20 Indoor Type QL 60 Hz 150°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9581G03	\$5473.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9582G03	\$7693.00
480 Volts Delta	208 Y/120 Volts	45	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9583G03	\$9190.00
480 Volts Delta	208 Y/120 Volts	50	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23C9432G03	\$11730.00
480 Volts Delta	208 Y/120 Volts	75	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9584G03	\$14652.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0005G03	\$19390.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0006G03	\$25895.00
480 Volts Delta	208 Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T37G0007G03	\$36814.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T37G0008G03	\$50816.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T37G0089G03	\$71243.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T37G0009G03	\$109795.00

K=20 Indoor Type QL 60 Hz 115°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9581G13	\$7428.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	385	9T23Q9582G13	\$8435.00
480 Volts Delta	208 Y/120 Volts	45	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9583G13	\$11730.00
480 Volts Delta	208 Y/120 Volts	50	41.5	32.25	20	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	595	9T23C9432G13	\$13711.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0004G53	\$16509.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0005G53	\$22908.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0006G53	\$34229.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T37G0007G53	\$48185.00
480 Volts Delta	208 Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T37G0008G53	\$62937.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T37G0089G53	\$83031.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T37G0009G53	\$114961.00

K=20 Indoor Type QL 60 Hz 80°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9581G83	\$7731.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9582G83	\$9600.00
480 Volts Delta	208 Y/120 Volts	45	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9584G83	\$12881.00
480 Volts Delta	208 Y/120 Volts	50	41.5	32.25	20	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	595	9T23C9432G83	\$15937.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0004G83	\$19390.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T37G0005G83	\$26941.00
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T37G0006G83	\$37650.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T37G0007G83	\$53851.00
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T37G0008G83	\$71106.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T37G0009G83	\$98208.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.



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Dry-Type
Isolated
K-Factor Rated for Nonlinear Loads
Three-Phase

K=30 Indoor Type QL 60 Hz 150°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9591G03	\$7223.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9592G03	\$10154.00
480 Volts Delta	208 Y/120 Volts	45	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9593G03	\$12093.00
480 Volts Delta	208 Y/120 Volts	50	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23C9433G03	\$13278.00
480 Volts Delta	208 Y/120 Volts	75	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9595G03	\$16593.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T38G0005G03	\$22133.00
480 Volts Delta	208 Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T38G0006G03	\$30308.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T38G0007G03	\$41599.00
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T38G0008G03	\$59049.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T38G0008G03	\$94041.00
480 Volts Delta	208 Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T38G0009G03	\$144929.00

K=30 Indoor Type QL 60 Hz 115°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	29	17.13	19.38	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	230	9T23Q9591G13	\$8171.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	385	9T23Q9592G13	\$11055.00
480 Volts Delta	208 Y/120 Volts	45	37	26	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	550	9T23Q9593G13	\$14175.00
480 Volts Delta	208 Y/120 Volts	50	41.5	32.25	20	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	595	9T23C9433G13	\$16160.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T38G0004G53	\$20544.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T38G0005G53	\$30238.00
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T38G0006G53	\$40341.00
480 Volts Delta	208 Y/120 Volts	225	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1780	9T38G0007G53	\$57231.00
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T38G0008G53	\$76425.00
480 Volts Delta	208 Y/120 Volts	400	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T38G0009G53	\$99899.00

K=30 Indoor Type QL 60 Hz 80°C Rise Copper										GO-66D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	335	9T23Q9591G83	\$10205.00
480 Volts Delta	208 Y/120 Volts	30	34	22.38	19.88	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	440	9T23Q9592G83	\$12330.00
480 Volts Delta	208 Y/120 Volts	45	43	28.5	23.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	744	9T23Q9594G83	\$17003.00
480 Volts Delta	208 Y/120 Volts	50	41.5	32.25	20	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	595	9T23C9433G83	\$17531.00
480 Volts Delta	208 Y/120 Volts	75	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T38G0004G83	\$23066.00
480 Volts Delta	208 Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	976	9T38G0005G83	\$32264.00
480 Volts Delta	208 Y/120 Volts	150	40.9	34.8	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	1160	9T38G0006G83	\$62881.00
480 Volts Delta	208 Y/120 Volts	300	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary volts.	12	4450	9T38G0008G83	\$91422.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type

Isolated

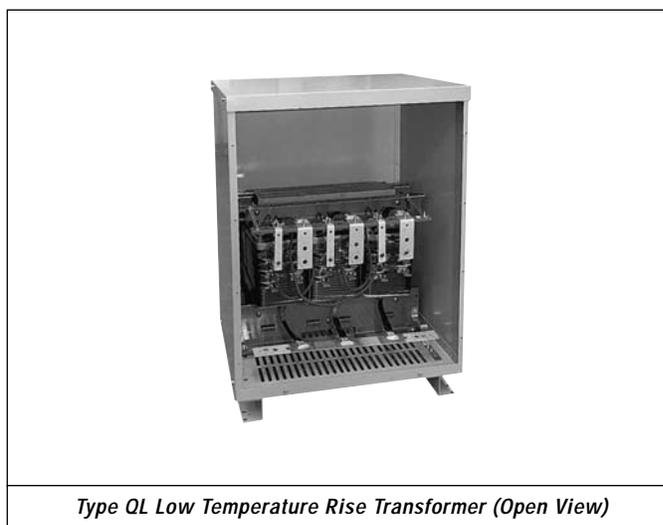
Low Temperature Rise

Product Description

These low temperature rise transformers utilize a UL Recognized 220°C insulation system featuring either 80°C or 115°C temperature rise. Designed to provide inherent overload capability and longer life than standard Type QL designs. Available in both single- and three-phase ratings, GE Type QL low temperature rise transformers are UL listed.

Application

Type QL low temperature rise transformers can help cut operating expenses for systems requiring unit loading at 80 to 100 percent of nameplate rating, 24 hours a day, or where load growth is expected. Units with 115°C temperature rise can be operated continuously at 15 percent above nameplate rating without loss of transformer life. Units with 80°C temperature rise offer loading capability at 30 percent above nameplate rating. dB rating for low temperature rise transformers can exceed ANSI/NEMA ST-20 standards.



Single-Phase Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed GO-66B

Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
240 x 480 Volts	120/240 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	185	9T23L2670	\$2644.00
240 x 480 Volts	120/240 Volts	25	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	270	9T23L2671	\$3452.00
240 x 480 Volts	120/240 Volts	37.5	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	340	9T23L2672	\$4208.00
240 x 480 Volts	120/240 Volts	50	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	490	9T23L2673	\$5576.00
240 x 480 Volts	120/240 Volts	75	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	630	9T23L2674	\$7245.00
240 x 480 Volts	120/240 Volts	100	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	975	9T23L2675	\$12039.00

Single-Phase Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed GO-66B

Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
240 x 480 Volts	120/240 Volts	15	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	270	9T23L3670	\$3459.00
240 x 480 Volts	120/240 Volts	25	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	270	9T23L3670G81	\$5261.00
240 x 480 Volts	120/240 Volts	37.5	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	490	9T23L3672	\$5678.00
240 x 480 Volts	120/240 Volts	50	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	630	9T23L3673	\$7390.00
240 x 480 Volts	120/240 Volts	75	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	975	9T23L3674	\$11798.00
240 x 480 Volts	120/240 Volts	100	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	975	9T23L3675	\$12281.00

Single-Phase Indoor Type QL 60 Hz 115°C Rise Copper UL Listed GO-66B

Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
240 x 480 Volts	120/240 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	255	9T23C2571G15	\$5103.00
240 x 480 Volts	120/240 Volts	25	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	305	9T23C2572G15	\$5670.00
240 x 480 Volts	120/240 Volts	37.5	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	375	9T23C2573G15	\$6579.00
240 x 480 Volts	120/240 Volts	50	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	560	9T23C2574G15	\$11061.00
240 x 480 Volts	120/240 Volts	75	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	745	9T23C2575G15	\$12710.00
240 x 480 Volts	120/240 Volts	100	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	1080	9T23C2576G15	\$16783.00

¹See pages 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.



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Dry-Type
Isolated
Low Temperature Rise

Single-Phase Indoor Type QL 60 Hz 80°C Rise Copper UL Listed										GO-66B
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
240 x 480 Volts	120/240 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	255	9T23C2571G80	\$5103.00
240 x 480 Volts	120/240 Volts	25	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	305	9T23C2572G81	\$6575.00
240 x 480 Volts	120/240 Volts	37.5	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	560	9T23C2574G80	\$11031.00
240 x 480 Volts	120/240 Volts	50	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	745	9T23C2575G80	\$13111.00
240 x 480 Volts	120/240 Volts	75	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	1080	9T23C2576G81	\$17195.00
240 x 480 Volts	120/240 Volts	100	47.98	38.47	28.93	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	7	1080	9T23C2576G80	\$17724.00

Three-Phase Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208Y/120 Volts	15	27.35	19	16.55	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	185	9T23Q3571	\$3366.00
480 Volts Delta	208Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	365	9T23Q3572	\$4057.00
480 Volts Delta	208Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3573	\$6094.00
480 Volts Delta	208Y/120 Volts	50	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3564	\$7222.00
480 Volts Delta	208Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	650	9T23Q3574	\$8110.00
480 Volts Delta	208Y/120 Volts	112.5	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	875	9T23Q3575	\$10563.00
480 Volts Delta	208Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	845	9T30G0006G51	\$14336.00
480 Volts Delta	208Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1020	9T30G0007G51	\$18116.00
480 Volts Delta	208Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1585	9T30G0008G51	\$25035.00
480 Volts Delta	208Y/120 Volts	400	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1585	9T30G0089G51	\$29981.00
480 Volts Delta	208Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	3250	9T30G0009G51	\$45109.00

Three-Phase Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	300	9T23Q3071	\$3518.00
480 Volts Delta	208Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	365	9T23Q3072	\$4135.00
480 Volts Delta	208Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3073	\$6216.00
480 Volts Delta	208Y/120 Volts	50	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3064	\$7369.00
480 Volts Delta	208Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	650	9T23Q3074	\$8272.00
480 Volts Delta	208Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	845	9T30G0005G81	\$14621.00
480 Volts Delta	208Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	845	9T30G0006G81	\$18475.00
480 Volts Delta	208Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1020	9T30G0007G81	\$25535.00
480 Volts Delta	208Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1585	9T30G0008G81	\$30581.00
480 Volts Delta	208Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	3250	9T30G0009G81	\$46012.00

¹See pages 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type
Isolated
Low Temperature Rise

Three-Phase Indoor Type QL 60 Hz 115°C Rise Copper UL Listed										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208Y/120 Volts	15	27.35	19	16.55	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	200	9T23Q9871G15	\$3854.00
480 Volts Delta	208Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	410	9T23Q9873G15	\$6993.00
480 Volts Delta	208Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9874G15	\$8920.00
480 Volts Delta	208Y/120 Volts	50	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9865G15	\$9234.00
480 Volts Delta	208Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	717	9T23Q9875G15	\$10763.00
480 Volts Delta	208Y/120 Volts	112.5	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	865	9T23Q9876G15	\$12967.00
480 Volts Delta	208Y/120 Volts	150	37.5	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	976	9T35G0006G51	\$18756.00
480 Volts Delta	208Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1160	9T35G0007G51	\$23992.00
480 Volts Delta	208Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1780	9T35G0008G51	\$33610.00
480 Volts Delta	208Y/120 Volts	400	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1780	9T35G0089G51	\$41476.00
480 Volts Delta	208Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	4450	9T35G0009G51	\$74910.00

Three-Phase Indoor Type QL 60 Hz 80°C Rise Copper UL Listed										GO-66A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208Y/120 Volts	15	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	315	9T23Q9872G80	\$6004.00
480 Volts Delta	208Y/120 Volts	30	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	410	9T23Q9873G80	\$6993.00
480 Volts Delta	208Y/120 Volts	45	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9874G80	\$8920.00
480 Volts Delta	208Y/120 Volts	50	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9865G80	\$9234.00
480 Volts Delta	208Y/120 Volts	75	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	717	9T23Q9875G80	\$10735.00
480 Volts Delta	208Y/120 Volts	112.5	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	976	9T35G0005G81	\$17089.00
480 Volts Delta	208Y/120 Volts	150	37.3	29.5	28.5	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	976	9T35G0006G81	\$18756.00
480 Volts Delta	208Y/120 Volts	225	40.9	34.8	25.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1160	9T35G0007G81	\$29821.00
480 Volts Delta	208Y/120 Volts	300	45.4	38.5	33.6	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1780	9T35G0008G81	\$39815.00
480 Volts Delta	208Y/120 Volts	500	57.5	47.5	40.0	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	4450	9T35G0009G81	\$75139.00

¹See pages 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

TRANSFORMERS



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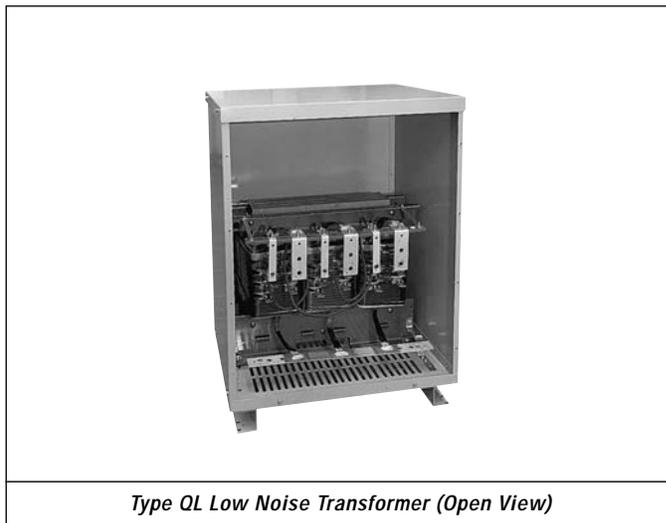
Dry-Type
Isolated
Low Noise

Product Description

These low noise transformers are designed to operate at reduced noise levels. The vibrations within the magnetic steel core were greatly reduced, thus lowering the humming of the transformer to 3 to 5 dB less than NEMA/ANSI standards. Available in Aluminum or Copper windings, they feature a 220°C insulation system with either a 150°C, 115°C or 80°C rise.

Application

Type QL low noise transformers are ideal when quiet operation is required such as near offices, in school buildings, or hospitals. Although they are inherently quieter, installation can greatly influence their noise level and therefore care should be taken in following acoustical principles as well as proper installation procedures. Closets and corners should be avoided as they act as megaphones by seemingly increasing noise levels.



Three-Phase Indoor Type QL 60 Hz 150°C Rise Aluminum UL Listed											GO-66A
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB)	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	300	9T23Q3141	\$3970.00
480 Volts Delta	208 Y/120 Volts	30	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	365	9T23Q3142	\$5153.00
480 Volts Delta	208 Y/120 Volts	45	42	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3143	\$6307.00
480 Volts Delta	208 Y/120 Volts	75	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	650	9T23Q3144	\$8110.00
480 Volts Delta	208 Y/120 Volts	112.5	45	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	875	9T23Q3145	\$10563.00
480 Volts Delta	208 Y/120 Volts	150	45	47.98	38.47	28.94	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1160	9T23Q3146	\$14337.00
480 Volts Delta	208 Y/120 Volts	225	50	51.75	42.5	30.25	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1450	9T23Q3147	\$18352.00
480 Volts Delta	208 Y/120 Volts	300	52	58.38	47.5	34.74	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	2550	9T23B3438	\$26609.00

Three-Phase Indoor Type QL 60 Hz 115°C Rise Aluminum UL Listed											GO-66A
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB)	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	300	9T23Q3141G15	\$4011.00
480 Volts Delta	208 Y/120 Volts	30	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	365	9T23Q3142G15	\$5395.00
480 Volts Delta	208 Y/120 Volts	45	42	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3143G15	\$7361.00
480 Volts Delta	208 Y/120 Volts	75	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	650	9T23Q3144G15	\$8999.00
480 Volts Delta	208 Y/120 Volts	112.5	45	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	875	9T23Q3145G15	\$11197.00
480 Volts Delta	208 Y/120 Volts	150	45	47.98	38.47	28.94	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1160	9T23Q3146G15	\$15197.00
480 Volts Delta	208 Y/120 Volts	225	50	51.75	42.5	30.25	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1450	9T23Q3147G15	\$19453.00
480 Volts Delta	208 Y/120 Volts	300	52	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	2550	9T23B3438G15	\$26609.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications

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Dry-Type Isolated Low Noise

Three-Phase Indoor Type QL 60 Hz 80°C Rise Aluminum UL Listed										GO-66A	
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB)	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	37	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	365	9T23Q3241G80	\$5130.00
480 Volts Delta	208 Y/120 Volts	30	37	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	505	9T23Q3242G80	\$6437.00
480 Volts Delta	208 Y/120 Volts	45	37	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	650	9T23Q3243G80	\$7438.00
480 Volts Delta	208 Y/120 Volts	75	42	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	725	9T23Q3244G80	\$9320.00
480 Volts Delta	208 Y/120 Volts	112.5	45	47.98	38.47	28.94	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1160	9T23Q3245G80	\$12748.00
480 Volts Delta	208 Y/120 Volts	150	45	51.75	42.5	30.25	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1450	9T23Q3246G80	\$19253.00
480 Volts Delta	208 Y/120 Volts	225	50	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	2550	9T23B3450G80	\$31825.00
480 Volts Delta	208 Y/120 Volts	300	50	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	2740	9T23B3451G80	\$32490.00

Three-Phase Indoor Type QL 60 Hz 150°C Rise Copper UL Listed										GO-66A	
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB)	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	315	9T23Q9141	\$5141.00
480 Volts Delta	208 Y/120 Volts	30	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	410	9T23Q9142	\$7759.00
480 Volts Delta	208 Y/120 Volts	45	42	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9143	\$9168.00
480 Volts Delta	208 Y/120 Volts	75	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	717	9T23Q9144	\$11734.00
480 Volts Delta	208 Y/120 Volts	112.5	45	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	965	9T23Q9145	\$13880.00
480 Volts Delta	208 Y/120 Volts	150	45	47.98	38.47	28.94	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1310	9T23Q9146	\$19342.00
480 Volts Delta	208 Y/120 Volts	225	50	51.75	42.5	30.25	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1550	9T23Q9147	\$26382.00
480 Volts Delta	208 Y/120 Volts	300	50	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	3150	9T23C4171	\$47737.00

Three-Phase Indoor Type QL 60 Hz 115°C Rise Copper UL Listed										GO-66A	
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB)	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	315	9T23Q9141G15	\$5450.00
480 Volts Delta	208 Y/120 Volts	30	40	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	410	9T23Q9142G15	\$8225.00
480 Volts Delta	208 Y/120 Volts	45	42	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9143G15	\$9718.00
480 Volts Delta	208 Y/120 Volts	75	45	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	717	9T23Q9144G15	\$12437.00
480 Volts Delta	208 Y/120 Volts	112.5	45	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	965	9T23Q9145G15	\$14713.00
480 Volts Delta	208 Y/120 Volts	150	45	47.98	38.47	28.94	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1310	9T23Q9146G15	\$20503.00
480 Volts Delta	208 Y/120 Volts	225	50	51.75	42.5	30.25	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1550	9T23Q9147G15	\$27701.00
480 Volts Delta	208 Y/120 Volts	300	50	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	3150	9T23C4171G15	\$47737.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.



Dry-Type
Isolated
Low Noise

Three-Phase Indoor Type QL 60 Hz 80°C Rise Copper UL Listed										GO-66A	
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB)	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	208 Y/120 Volts	15	37	32.23	24.03	18.05	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	410	9T23Q9242G80	\$7762.00
480 Volts Delta	208 Y/120 Volts	30	37	35.73	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	556	9T23Q9243G80	\$9168.00
480 Volts Delta	208 Y/120 Volts	45	37	39.98	32.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	717	9T23Q9244G80	\$11733.00
480 Volts Delta	208 Y/120 Volts	75	42	45.98	35.03	23.68	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	965	9T23Q9245G80	\$13880.00
480 Volts Delta	208 Y/120 Volts	112.5	45	47.98	38.47	28.94	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1310	9T23Q9246G80	\$19390.00
480 Volts Delta	208 Y/120 Volts	150	45	51.75	42.5	30.25	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	1550	9T23Q9247G80	\$25638.00
480 Volts Delta	208 Y/120 Volts	225	50	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	3150	9T23C4171G80	\$39940.00
480 Volts Delta	208 Y/120 Volts	300	50	58.38	47.5	34.75	(6) 2 1/2% taps: 2 above and 4 below rated primary voltage.	12	3390	9T23C4163G80	\$70685.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type

Isolated
Midtapped

Product Description

GE Type QL midtapped transformer enables the user to transform three-phase power from 480 Volts primary to 240 Volts secondary and have 120 Volt, reduced capacity tap (RCT) single-phase capability as well. This is because a single-phase midtap is brought out of one coil of the unit's three-phase secondary winding. These transformers are UL listed, File E-79145.

Application

The Type QL midtapped design can be used wherever there is 480 Volt, three-phase supply available and the load is primarily 240 Volt three-phase with a nominal amount of 120 Volt, single-phase power required. Normally, in this instance, a small single-phase as well as a three-phase transformer would be required to provide the necessary transformation.

Caution: When utilizing the 120 Volt midtap for single-phase applications, the single-phase load should not exceed 5 percent of the three-phase kVA rating. The three-phase kVA load must be reduced by the same percentage as that added by the single-phase load. Additional loading beyond 5 percent may cause the transformer to overheat and fail. If the single-phase load is in excess of 5 percent, it is recommended that a separate single-phase unit be used to handle the load.



Type QL Midtapped Transformer

Three-Phase Indoor Type QL 60 Hz Aluminum UL Listed

GO-66A

Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ¹	Approx. Net Weight (Lbs.)	Product Number ²	List Price
480 Volts Delta	240 Delta-120 Single-Phase RCT	15	27.375	19	16.5625	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	185	9T23B3841	\$3437.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	30	32.25	24	18.0625	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	300	9T23B3842	\$3700.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	45	32.25	24	18.0625	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	365	9T23B3843	\$4458.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	75	35.75	32	23.6875	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	505	9T23B3844	\$6701.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	112.5	40	32	23.6875	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	650	9T23B3845	\$8917.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	150	46	35	28.6875	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	775	9T23B3846	\$11613.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	225	37.3	29.5	28.5	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	845	9T30G0107	\$15760.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	300	40.9	34.8	25.6	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	1020	9T30G0108	\$19907.00
480 Volts Delta	240 Delta-120 Single-Phase RCT	500	45.4	38.5	33.6	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	19	1585	9T30G0109	\$33181.00

¹See page 8-17 for wiring diagrams.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

TRANSFORMERS

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Rev. 12/04

Dry-Type

Isolated

TENV

Totally Enclosed, Nonventilated

Application

TENV transformers are highly suitable for those special applications where dry-type transformers benefits are desired, but the openings in standard, dry-type enclosures are not acceptable because of adverse atmospheric conditions.

GE totally enclosed, nonventilated transformer enclosures do not allow air to flow directly over the core-and-coil and are, therefore, ideal for many industrial applications—textile, automotive, foundry, paper mills, etc.

TENV units are recommended for use where dust or lint conditions exist, or where transformers are subject to moisture such as sprays or controlled wash-down conditions. Type QL-TE transformers are UL listed through 150 kVA under File E-79145 for indoor or protected outdoor applications.



Type QL-TE Transformer; 220°C Insulation Class
Capable of 150°C Rise

Three-Phase Indoor/Outdoor Type QL 60 Hz Aluminum UL Listed										GO-66A	
Input Voltage	Output Voltage	KVA	Approximate Sound Level (dB) ¹	Height (in)	Width (in)	Depth (in)	Taps	Wiring Diagram No. ²	Approx. Net Weight (Lbs.)	Product Number	List Price
480 Volts Delta	208 Y/120 Volts	15	45	42.25	24	18	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	12	325	9T23Q3041	\$4517.00
480 Volts Delta	208 Y/120 Volts	30	45	42.25	24	18	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	12	390	9T23Q3042	\$5072.00
480 Volts Delta	208 Y/120 Volts	45	50	45.75	32	23.69	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	12	540	9T23Q3043	\$6911.00
480 Volts Delta	208 Y/120 Volts	75	50	60	35	23.69	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	12	808	9T23Q3044	\$10061.00
480 Volts Delta	208 Y/120 Volts	112.5	55	62	38.5	29	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	12	1070	9T23Q3045	\$13679.00
480 Volts Delta	208 Y/120 Volts	150	55	65.75	42.5	30.25	(6) 2 1/2% taps, 2 above and 4 below rated primary voltage.	12	1520	9T23Q3046	\$16554.00

¹Measured in decibels per NEMA Standard ST-20.

²See page 8-17 for wiring diagrams.

Publications and Reference: See Section 21 for a list of additional product-related publications

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Power Conditioning Equipment

Isolated

Noise Isolation - Guard I and Guard II

Application

GE noise isolation transformers incorporate an electrostatic shield between the primary and secondary windings. This serves to attenuate high-frequency signals which could adversely effect sensitive electronic equipment.

Guard I Noise Isolation

Guard I noise isolation transformers help protect electronic equipment from problems associated with electrical noise. With common-mode noise attenuation of 120 dB and a transverse-mode noise attenuation of 30 dB, the Guard I units are suitable for most applications where electronic noise reduction is required.

Guard II Noise Isolation

Guard II noise isolation transformers offer the ultimate in line noise and spike/surge protection for sensitive equipment. A low pass filter in combination with the electrostatic shield provides enhanced transverse mode noise attenuation of 60 dB. The addition of surge suppression equipment provides protection from voltage spikes and surges.



Guard I Noise Isolation Transformer



Guard II Noise Isolation Transformer

Single-Phase Noise Isolation Guard I Indoor/Outdoor Type QB 60 Hz UL Listed C-UL Listed									GO-90A
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Approx. Net Weight (Lbs.)	Product Number ¹	List Price
120 x 240 Volts	120/240 Volts	0.5	8.38	6.88	4.88	No taps.	16	9T51B0028G03	\$319.00
120 x 240 Volts	120/240 Volts	0.75	9.63	7.88	5.5	No taps.	25	9T51B0029G03	\$412.00
120 x 240 Volts	120/240 Volts	1	9.63	7.88	5.5	No taps.	25	9T51B0030G03	\$515.00
120 x 240 Volts	120/240 Volts	2	11.13	9.38	6.75	No taps.	40	9T51B0032G03	\$771.00
120 x 240 Volts	120/240 Volts	3	11.13	9.38	6.75	No taps.	60	9T51B0033G03	\$882.00
208 Volts	120/240 Volts	0.5	8.38	6.88	4.88	No taps.	16	9T51B0158G03	\$319.00
208 Volts	120/240 Volts	0.75	9.63	7.88	5.5	No taps.	25	9T51B0159G03	\$412.00
208 Volts	120/240 Volts	1	9.63	7.88	5.5	No taps.	25	9T51B0160G03	\$515.00
208 Volts	120/240 Volts	2	11.13	9.38	6.75	No taps.	40	9T51B0156G03	\$771.00
208 Volts	120/240 Volts	3	11.13	9.38	6.75	No taps.	60	9T51B0157G03	\$882.00
277 Volts	120/240 Volts	0.5	8.38	6.88	4.88	(2) 5% taps below rated primary volts.	16	9T51B0188G03	\$319.00
277 Volts	120/240 Volts	0.75	9.63	7.88	5.5	(2) 5% taps below rated primary volts.	25	9T51B0189G03	\$412.00
277 Volts	120/240 Volts	1	9.63	7.88	5.5	(2) 5% taps below rated primary volts.	25	9T51B0190G03	\$515.00
277 Volts	120/240 Volts	2	11.13	9.38	6.75	(2) 5% taps below rated primary volts.	40	9T51B0192G03	\$771.00
277 Volts	120/240 Volts	3	11.13	9.38	6.75	(2) 5% taps below rated primary volts.	60	9T51B0193G03	\$882.00
240 x 480 Volts	120/240 Volts	0.5	8.38	6.88	4.88	No taps.	16	9T51B0008G03	\$319.00
240 x 480 Volts	120/240 Volts	0.75	9.63	7.88	5.5	No taps.	25	9T51B0009G03	\$412.00
240 x 480 Volts	120/240 Volts	1	9.63	7.88	5.5	No taps.	25	9T51B0010G03	\$515.00
240 x 480 Volts	120/240 Volts	2	11.13	9.38	6.75	No taps.	40	9T51B0012G03	\$771.00
240 x 480 Volts	120/240 Volts	3	11.13	9.38	6.75	No taps.	60	9T51B0013G03	\$882.00

¹Consult GE Consumer and Industrial Sales Office for outdoor NEMA 3R enclosure.



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Power Conditioning Equipment

Isolated

Noise Isolation - Guard I and Guard II

Single-Phase Noise Isolation Guard I Indoor/Outdoor Type QMS 60 Hz UL Listed C-UL Listed GO-90C

Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Approx. Net Weight (Lbs.)	Product Number ¹	List Price
120 x 240 Volts	120/240 Volts	5	14.50	10.62	11.00	No taps.	100	9T21B1001G04	\$1163.00
120 x 240 Volts	120/240 Volts	7.5	17.06	10.62	11.00	No taps.	150	9T21B1002G04	\$1470.00
120 x 240 Volts	120/240 Volts	10	17.06	12.50	12.50	No taps.	200	9T21B1003G04	\$1877.00
120 x 240 Volts	120/240 Volts	15	17.06	12.50	12.50	No taps.	270	9T21B9101G03	\$2405.00
120 x 240 Volts	120/240 Volts	25	18.51	17.26	14.72	No taps.	275	9T21B9102G03	\$3457.00
208 Volts	120/240 Volts	5	14.50	10.62	11.00	No taps.	100	9T21B1028G04	\$1163.00
208 Volts	120/240 Volts	7.5	17.06	10.62	11.00	No taps.	150	9T21B1029G04	\$1470.00
208 Volts	120/240 Volts	10	17.06	12.50	12.50	No taps.	200	9T21B1030G04	\$1877.00
208 Volts	120/240 Volts	15	17.06	12.50	12.50	No taps.	270	9T21B9119G03	\$2405.00
208 Volts	120/240 Volts	25	18.51	17.26	14.72	No taps.	275	9T21B9120G03	\$3457.00
277 Volts	120/240 Volts	5	14.50	10.62	11.00	(2) 5% taps below rated primary volts.	100	9T21B1046G04	\$1163.00
277 Volts	120/240 Volts	7.5	17.06	10.62	11.00	(2) 5% taps below rated primary volts.	150	9T21B1047G04	\$1470.00
277 Volts	120/240 Volts	10	17.06	12.50	12.50	(2) 5% taps below rated primary volts.	200	9T21B1048G04	\$1877.00
277 Volts	120/240 Volts	15	17.06	12.50	12.50	(2) 5% taps below rated primary volts.	270	9T21B9143G03	\$2405.00
277 Volts	120/240 Volts	25	18.51	17.26	14.72	(2) 5% taps below rated primary volts.	275	9T21B9144G03	\$3457.00
240 x 480 Volts	120/240 Volts	5	14.50	10.62	11.00	No taps.	100	9T21B1004G04	\$1163.00
240 x 480 Volts	120/240 Volts	7.5	17.06	10.62	11.00	No taps.	150	9T21B1005G04	\$1470.00
240 x 480 Volts	120/240 Volts	10	17.06	12.50	12.50	No taps.	200	9T21B1006G04	\$1877.00
240 x 480 Volts	120/240 Volts	15	17.06	12.50	12.50	No taps.	270	9T21B9103G03	\$2405.00
240 x 480 Volts	120/240 Volts	25	18.51	17.26	14.72	No taps.	275	9T21B9104G03	\$3457.00

Three-Phase Noise Isolation Guard I Indoor Type QL 60 Hz UL Listed GO-66E

Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Taps	Approx. Net Weight (Lbs.)	Product Number ¹	List Price
480 Volts Delta	208 Y/120 Volts	15	27.38	19	16.57	(6) 2.50% taps: 2 above and 4 below rated primary volts.	185	9T23B3871G03	\$4053.00
480 Volts Delta	208 Y/120 Volts	30	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	300	9T23B3872G03	\$4742.00
480 Volts Delta	208 Y/120 Volts	45	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	365	9T23B3873G03	\$5710.00
480 Volts Delta	208 Y/120 Volts	75	35.75	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	505	9T23B3874G03	\$8583.00
480 Volts Delta	208 Y/120 Volts	112.5	40	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	655	9T23B3875G03	\$10837.00
480 Volts Delta	208 Y/120 Volts	150	46	35	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	875	9T23B3876G03	\$13769.00
480 Volts Delta	208 Y/120 Volts	225	48	38.5	28.94	(6) 2.50% taps: 2 above and 4 below rated primary volts.	1160	9T30G0007G03	\$19165.00
480 Volts Delta	208 Y/120 Volts	300	51.75	42.5	30.25	(6) 2.50% taps: 2 above and 4 below rated primary volts.	1450	9T30G0008G03	\$25501.00
480 Volts Delta	208 Y/120 Volts	500	58.38	47.5	34.75	(6) 2.50% taps: 2 above and 4 below rated primary volts.	2550	9T30G0009G03	\$42484.00
480 Volts Delta	480 Y/277 Volts	15	27.38	19	16.57	(6) 2.50% taps: 2 above and 4 below rated primary volts.	185	9T23B3851G03	\$4713.00
480 Volts Delta	480 Y/277 Volts	30	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	300	9T23B3852G03	\$5693.00
480 Volts Delta	480 Y/277 Volts	45	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	365	9T23B3853G03	\$6850.00
480 Volts Delta	480 Y/277 Volts	75	35.75	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	505	9T23B3854G03	\$9823.00
480 Volts Delta	480 Y/277 Volts	112.5	40	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	655	9T23B3855G03	\$11796.00
480 Volts Delta	480 Y/277 Volts	150	46	35	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	875	9T23B3856G03	\$13810.00
480 Volts Delta	480 Y/277 Volts	225	48	38.5	28.94	(6) 2.50% taps: 2 above and 4 below rated primary volts.	1160	9T23B3857G03	\$18810.00
480 Volts Delta	480 Y/277 Volts	300	51.75	42.5	30.25	(6) 2.50% taps: 2 above and 4 below rated primary volts.	1450	9T23B3858G03	\$26797.00
480 Volts Delta	480 Y/277 Volts	500	58.38	47.5	34.75	(6) 2.50% taps: 2 above and 4 below rated primary volts.	2550	9T23B3859G03	\$47238.00
208 Volts Delta	208 Y/120 Volts	15	27.38	19	16.57	(6) 2.50% taps: 2 above and 4 below rated primary volts.	185	9T23B3091G03	\$4897.00
208 Volts Delta	208 Y/120 Volts	30	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	300	9T23B3092G03	\$5695.00
208 Volts Delta	208 Y/120 Volts	45	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	365	9T23B3093G03	\$6850.00
208 Volts Delta	208 Y/120 Volts	75	35.75	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	505	9T23B3094G03	\$10298.00
208 Volts Delta	208 Y/120 Volts	112.5	40	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	655	9T23B3095G03	\$12330.00
208 Volts Delta	208 Y/120 Volts	150	46	35	23.69	3	875	9T23B3096G03	\$14385.00
208 Volts Delta	208 Y/120 Volts	225	48	38.5	28.94	3	1160	9T23B3097G03	\$19180.00
208 Volts Delta	208 Y/120 Volts	300	51.75	42.5	30.25	3	1450	9T23B3098G03	\$27194.00
208 Volts Delta	208 Y/120 Volts	500	58.38	47.5	34.75	3	2550	9T23B3099G03	\$32537.50

¹Consult GE Consumer and Industrial Sales Office for outdoor NEMA 3R enclosure.

²See page 8-14 for NEMA-3R Outdoor Weathershield Kits. Select the kit corresponding to the Type QL 150°C rise enclosure with the same dimensions.

Publications and Reference: See Section 21 for a list of additional product-related publications



Power Conditioning Equipment

Isolated

Noise Isolation - Guard I and Guard II

Three-Phase Input Voltage	Noise Isolation Output Voltage	Guard II KVA	Indoor Height (in)	Type QL Width (in)	60 Hz Depth (in)	UL Listed Taps	Approx. Net Weight (Lbs.)	Product Number ¹	GO-66E List Price
480 Volts Delta	208 Y/120 Volts	15	27.38	19	16.57	(6) 2.50% taps: 2 above and 4 below rated primary volts.	210	9T23B3334G33	\$7951.00
480 Volts Delta	208 Y/120 Volts	30	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	320	9T23B3872G33	\$8521.00
480 Volts Delta	208 Y/120 Volts	45	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	396	9T23B3873G33	\$9754.00
480 Volts Delta	208 Y/120 Volts	75	35.75	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	555	9T23B3874G33	\$12111.00
480 Volts Delta	208 Y/120 Volts	112.5	40	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	725	9T23B3875G33	\$14166.00
480 Volts Delta	208 Y/120 Volts	150	46	35	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	965	9T23B3876G33	\$17700.00
480 Volts Delta	208 Y/120 Volts	225	48	38.5	28.94	(6) 2.50% taps: 2 above and 4 below rated primary volts.	1250	9T23B3877G33	\$23687.00
208 Volts Delta	208 Y/120 Volts	15	27.38	19	16.57	(6) 2.50% taps: 2 above and 4 below rated primary volts.	210	9T23B3309G33	\$7951.00
208 Volts Delta	208 Y/120 Volts	30	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	320	9T23B3092G33	\$9604.00
208 Volts Delta	208 Y/120 Volts	45	32.25	24	18.07	(6) 2.50% taps: 2 above and 4 below rated primary volts.	396	9T23B3093G33	\$10522.00
208 Volts Delta	208 Y/120 Volts	75	35.75	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	555	9T23B3094G33	\$13385.00
208 Volts Delta	208 Y/120 Volts	112.5	40	32	23.69	(6) 2.50% taps: 2 above and 4 below rated primary volts.	725	9T23B3095G33	\$15810.00
208 Volts Delta	208 Y/120 Volts	150	46	35	23.69	3	965	9T23B3096G33	\$18892.00
208 Volts Delta	208 Y/120 Volts	225	48	38.5	28.94	3	1250	9T23B3097G33	\$24208.00

¹Consult GE Consumer and Industrial Office for outdoor NEMA 3R enclosure.

TRANSFORMERS



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Integral Transformer and Distribution Center

Isolated

Servicenter Mini-Unit Substations

Product Description

The Servicenter mini-unit substation from GE brings proven rugged, dry-type transformer benefits together with GE advanced breaker techniques to provide one, highly reliable power supply package. This easily installed and serviceable unit incorporates a Type QMS transformer (single-phase) or a Type QL transformer (three-phase), a primary main circuit breaker, a secondary main circuit breaker, and a load-center-design breaker panel. Since these components don't have to be installed and interconnected separately, the contractor or user can reduce installation time and costs. Because of the single-unit concept, only one, handy Servicenter needs to be mounted.

Available in single-phase, 5 through 25 kVA, and in three-phase, 15 through 30 kVA, 600 Volt class ratings, the GE Servicenter is a convenient, economical way to meet your industrial and temporary power requirements.

The Transformer—The Servicenter utilizes GE transformer design which has twenty years of field-proven experience behind it and a long track record for assuring consistent, reliable performance. Type QMS transformers employ a 180°C UL Recognized insulation system with a 115°C rise. Type QL transformers employ a 220°C UL Recognized insulation system with a 150°C rise.

The Panel—The panel assembly includes the rugged GE Power Mark Plus circuit breaker load center interior, E-frame primary breakers, and E-frame or Q Line secondary breakers. The load center will accept one-, two-, or three-pole (three-phase) common trip circuit breakers and ground fault breakers. All Servicenters come equipped with the properly sized primary main and secondary main circuit breakers installed and prewired. Branch breakers are not included.

Application

The single-phase Servicenter can be used wherever 480 Volt power is available and 120 or 240 Volt branch circuits are required. The three-phase Servicenter can be used wherever 240 Volt Δ , 480 Volt Δ , or 600 Volt Δ is available and 208 Volt Y/120 Volt circuits are required. The unit can be used in such applications as vending machine areas, construction laboratory test areas, general construction sites where temporary or quickly obtained power is required, or where future expansion of branch circuits is planned.

NEC Requirements

The Servicenter conforms with Article 450-3 of the 1993 National Electric Code.



Single-Phase Servicenter, Hinged Door Removed



Three-Phase Servicenter, Closed View

Publications and Reference: See Section 21 for a list of additional product-related publications



Integral Transformer and Distribution Center

Isolated

Servicenter Mini-Unit Substations

Single-Phase Indoor/Outdoor 60 Hz¹ UL Listed

GO-66F

Input Voltage	Output Voltage	KVA	Max. Branch Spaces 1 THQL, 1-pole	Max. Branch Spaces 1 THQL, 2-pole	Max. Branch Spaces 1/2 THQP, 1-pole	Max. Branch Spaces 1/2 THQP, 2-pole	Total 1-pole Spaces	Breaker Rating-Primary Main	Breaker Rating-Secondary Main	Product Number	List Price
480 Volts	120/240 Volts	5	6	3	12	4	12	25A	30A	9T21S1050	\$1699.00
480 Volts	120/240 Volts	7.5	6	3	12	4	12	35A	40A	9T21S1070	\$1938.00
480 Volts	120/240 Volts	10	8	4	16	6	16	50A	50A	9T21S1100	\$2165.00
480 Volts	120/240 Volts	15	12	6	24	10	24	60A	70A	9T21S1150	\$2602.00
480 Volts	120/240 Volts	25	20	10	8	2	24	100A	150A	9T21S1250	\$3923.00

¹(2) 5% below normal taps.

Three-Phase Indoor/Outdoor 60 Hz² UL Listed

GO-66F

Input Voltage	Output Voltage	KVA	Max. Branch Spaces, 1-pole	Max. Branch Spaces 3-pole	Total 1-pole Spaces	Breaker Rating-Primary Main	Breaker Rating-Secondary Main	Product Number	List Price
240 Volts	208Y/120 Volts	15	12	4	12	100A	50A	9T23C4401	\$5850.00
240 Volts	208Y/120 Volts	22.5	18	6	18	100A	70A	9T23C4402	\$6600.00
240 Volts	208Y/120 Volts	30	24	8	24	100A	100A	9T23C4403	\$7170.00
480 Volts	208Y/120 Volts	15	12	4	12	40A	50A	9T23C4411	\$6060.00
480 Volts	208Y/120 Volts	22.5	18	6	18	70A	70A	9T23C4412	\$6900.00
480 Volts	208Y/120 Volts	30	24	8	24	90A	100A	9T23C4413	\$7410.00
600 Volts	208Y/120 Volts	15	12	4	12	40A	50A	9T23C4421	\$5950.00
600 Volts	208Y/120 Volts	22.5	18	6	18	40A	70A	9T23C4422	\$6900.00
600 Volts	208Y/120 Volts	30	24	8	24	40A	100A	9T23C4423	\$7410.00

²(3) 5% taps 1 above and 2 below rated primary volts.

TRANSFORMERS



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Integral Transformer and Distribution Center
Isolated
Servicenter Mini-Unit Substations
Outlines, Dimensions and Wiring Diagrams

Single-Phase

KVA	Product Number	Approx. Net Weight (Lbs.)	Approx. Ship Wt. (lbs.)	A Height (in.)	B Width (in.)	C Depth (in.)
5	9T21S1050	123	133	32.32	10.75	11.12
7.5	9T21S1070	161	171	35.09	10.75	11.12
10	9T21S1100	198	208	35.09	12.62	12.60
15	9T21S1150	280	290	38.87	14.69	14.85
25	9T21S1250	438	450	44.57	16.31	15.60

Single-Phase (continued)

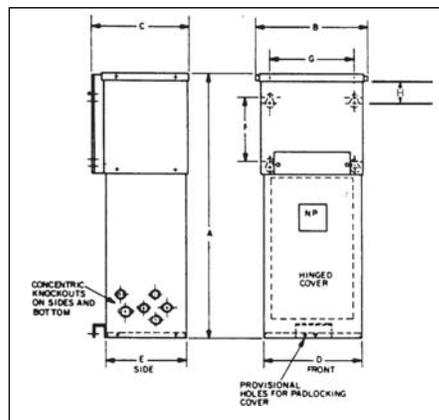
KVA	Product Number	Dimension D (in.)	Dimension E (in.)	Dimension F (in.)	Dimension G (in.)	Dimension H (in.)
5	9T21S1050	10.13	8.74	6.0	8.31	2.19
7.5	9T21S1070	10.12	8.74	6.0	8.31	2.19
10	9T21S1100	12.00	10.16	7.5	10.18	2.38
15	9T21S1150	14.06	12.29	7.09	12.24	3.22
25	9T21S1250	16.17	13.63	9.0	13.63	3.11

Three-Phase

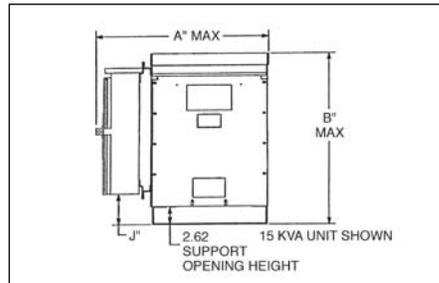
KVA	Product Number	Approx. Net Weight (Lbs.)	A Width (in.)	B Height (in.)	C Depth (in.)	Dimension D (in.)	Dimension E (in.)
15	9T23C4401	245	27.4	27.35	20.47	16	14.34
15	9T23C4411	245	27.4	27.35	20.47	16	14.34
15	9T23C4421	245	27.4	27.35	20.47	16	14.34
22.5	9T23C4402	375	34.45	32.23	24.25	20.5	15.5
22.5	9T23C4412	375	34.45	32.23	24.25	20.5	15.5
22.5	9T23C4422	375	34.45	32.23	24.25	20.5	15.5
30	9T23C4403	380	34.45	32.23	24.25	20.5	15.5
30	9T23C4413	380	34.45	32.23	24.25	20.5	15.5
30	9T23C4423	380	34.45	32.23	24.25	20.5	15.5

Three-Phase (continued)

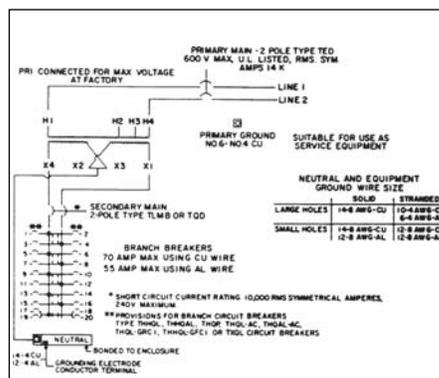
KVA	Product Number	Dimension F (in.)	Dimension G (in.)	Dimension H (in.)	Dimension J (in.)	Dimension K (in.)
15	9T23C4401	13.5	10	1.13	4.9	0.83
15	9T23C4411	13.5	10	1.13	4.9	0.83
15	9T23C4421	13.5	10	1.13	4.9	0.83
22.5	9T23C4402	14	12.27	1.29	5.6	0.98
22.5	9T23C4412	14	12.27	1.29	5.6	0.98
22.5	9T23C4422	14	12.27	1.29	5.6	0.98
30	9T23C4403	14	12.27	1.29	5.6	0.98
30	9T23C4413	14	12.27	1.29	5.6	0.98
30	9T23C4423	14	12.27	1.29	5.6	0.98



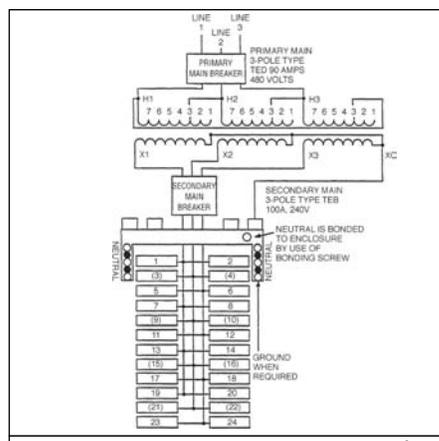
Dimensions Single-Phase



Dimensions Three-Phase



Typical Wiring Diagram Single-Phase



Typical Wiring Diagram Three-Phase¹

¹For 22.5 and 15 kVA three-phase servicenters, secondary main breaker is a backed plug-in type with positive retainers.

Publications and Reference: See Section 21 for a list of additional product-related publications



Dry-Type Isolated High Voltage

Description

Single- and Three-Phase, 60 Hertz 13,800 Volts And Below

Available in both single-phase and three-phase ratings, these light-weight transformers need no fireproof vaults for protection, have no liquids to inspect, and have no moving parts which require maintenance.

GE Type Q-HV distribution transformers are designed to step down incoming distribution voltages in the 5 kV or 15 kV class to 120, 240, or 480 Volts for direct utilization, or further plant distribution. Standard units are 30 kV BIL through 5 kV; 60 kV BIL through 15 kV.

GE distribution transformers are designed to meet the American National Standards Institute and the National Electrical Manufacturers Association standards for dry-type distribution transformers. The construction of the GE distribution units is similar to that of the GE general-purpose line.

Factory Installed Options

Outdoor Weatherproof NEMA 3R Enclosure

GE medium-voltage Q-HV distribution transformers are now available with outdoor NEMA 3R enclosures. All single-phase and three-phase units are offered with this factory installed option.

To order NEMA 3R enclosed units, simply add the suffix/WP to the end of the model number of the comparable indoor high-voltage unit (9T25B...). For example, to order the outdoor NEMA 3R option for a unit rated 500 kVA, three-phase, 13,800 volts primary, 208Y/120 volts secondary: order 9T25B5849G13/WP. Final model number designations will be supplied on acknowledgment of receipt of order.

Increased Basic Impulse Level

Higher BIL ratings are available for a number of GE type Q-HV transformers. Most units up to 5 kV can be increased to 60 kV BIL and units up to 15 kV can be increased to 95 kV BIL. Consult GE Consumer and Industrial Sales Office for price and availability.



Type Q-HV Transformer; 150°C Winding
Temperature Rise Insulation Class

Conversion Chart

Decimal	Fraction
.13	1/8
.38	3/8
.63	5/8
.88	7/8

Single-Phase (Line to Neutral) 25 - 333 kVA Indoor Type Q-HV¹

GO-570

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Product Number	List Price
2400 Volts	120/240 Volts	25	60 Hz	9T25B5730	\$6241.00
2400 Volts	120/240 Volts	37.5	60 Hz	9T25B5731	\$6241.00
2400 Volts	120/240 Volts	50	60 Hz	9T25B5732	\$8667.00
2400 Volts	120/240 Volts	75	60 Hz	9T25B5733	\$9784.00
2400 Volts	120/240 Volts	100	60 Hz	9T25B5734	\$12808.00
2400 Volts	120/240 Volts	167	60 Hz	9T25B5735	\$18923.00
2400 Volts	120/240 Volts	200	60 Hz	9T25B5736	\$21189.00
2400 Volts	120/240 Volts	250	60 Hz	9T25B5737	\$25540.00
2400 Volts	120/240 Volts	333	60 Hz	9T25B5738	\$27617.00
4160 Volts	120/240 Volts	25	60 Hz	9T25B5740	\$9563.00
4160 Volts	120/240 Volts	37.5	60 Hz	9T25B5741	\$11193.00
4160 Volts	120/240 Volts	50	60 Hz	9T25B5742	\$12352.00
4160 Volts	120/240 Volts	75	60 Hz	9T25B5743	\$14062.00
4160 Volts	120/240 Volts	100	60 Hz	9T25B5744	\$15855.00
4160 Volts	120/240 Volts	167	60 Hz	9T25B5745	\$20729.00
4160 Volts	120/240 Volts	200	60 Hz	9T25B5746	\$23270.00
4160 Volts	120/240 Volts	250	60 Hz	9T25B5747	\$26844.00
4160 Volts	120/240 Volts	333	60 Hz	9T25B5748	\$32487.00

¹Type Q-HV transformers have (2) 2 1/2% taps above and below normal.

Consult Factory for dimensions and weights.

For Outdoor NEMA 3R Enclosure Consult Factory.



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Dry-Type
Isolated
High Voltage

Three-Phase 15 - 500 kVA Indoor Type Q-HV ¹						GO-570
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Product Number	List Price	
2400 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5830	\$8574.00	
2400 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5831	\$9595.00	
2400 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5832	\$10330.00	
2400 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5833	\$13287.00	
2400 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5834	\$17850.00	
2400 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5835	\$19423.00	
2400 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5836	\$22940.00	
2400 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5837	\$29331.00	
2400 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5838	\$33842.00	
2400 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5839	\$37769.00	
2400 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5830G02	\$8574.00	
2400 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5831G02	\$9595.00	
2400 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5832G02	\$10330.00	
2400 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5833G02	\$13287.00	
2400 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5834G02	\$17850.00	
2400 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5835G02	\$19423.00	
2400 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5836G02	\$22940.00	
2400 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5837G02	\$29331.00	
2400 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5838G02	\$33842.00	
2400 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5839G02	\$37769.00	
2400 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5830G03	\$8574.00	
2400 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5831G03	\$9595.00	
2400 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5832G03	\$10330.00	
2400 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5833G03	\$13287.00	
2400 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5834G03	\$17850.00	
2400 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5835G03	\$19423.00	
2400 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5836G03	\$22940.00	
2400 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5837G03	\$29331.00	
2400 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5838G03	\$33842.00	
2400 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5839G03	\$37769.00	
4160 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5830G04	\$8574.00	
4160 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5831G04	\$9595.00	
4160 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5832G04	\$10330.00	
4160 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5833G04	\$13287.00	
4160 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5834G04	\$17850.00	
4160 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5835G04	\$19423.00	
4160 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5836G04	\$22940.00	
4160 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5837G04	\$29331.00	
4160 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5838G04	\$33842.00	
4160 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5839G04	\$37769.00	
4160 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5830G05	\$8574.00	
4160 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5831G05	\$9595.00	
4160 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5832G05	\$10330.00	
4160 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5833G05	\$13287.00	
4160 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5834G05	\$17850.00	
4160 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5835G05	\$19423.00	
4160 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5836G05	\$22940.00	
4160 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5837G05	\$29331.00	
4160 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5838G05	\$33842.00	
4160 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5839G05	\$37769.00	
4160 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5830G06	\$8574.00	
4160 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5831G06	\$9595.00	
4160 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5832G06	\$10330.00	
4160 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5833G06	\$13287.00	
4160 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5834G06	\$17850.00	
4160 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5835G06	\$19423.00	
4160 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5836G06	\$22940.00	
4160 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5837G06	\$29331.00	
4160 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5838G06	\$33842.00	
4160 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5839G06	\$37769.00	

¹(2) 2 1/2% taps above and below normal. Consult Factory for dimensions and weights.

Publications and Reference: See Section 21 for a list of additional product-related publications

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Dry-Type Isolated High Voltage

Three-Phase 15 - 500 kVA Indoor Type Q-HV ¹						GO-570
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Product Number	List Price	
4800 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5830G07	\$8574.00	
4800 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5831G07	\$9595.00	
4800 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5832G07	\$10330.00	
4800 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5833G07	\$13287.00	
4800 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5834G07	\$17850.00	
4800 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5835G07	\$19423.00	
4800 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5836G07	\$22940.00	
4800 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5837G07	\$29331.00	
4800 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5838G07	\$33842.00	
4800 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5839G07	\$37769.00	
4800 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5830G08	\$8574.00	
4800 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5831G08	\$9595.00	
4800 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5832G08	\$10330.00	
4800 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5833G08	\$13287.00	
4800 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5834G08	\$17850.00	
4800 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5835G08	\$19423.00	
4800 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5836G08	\$22940.00	
4800 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5837G08	\$29331.00	
4800 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5838G08	\$33842.00	
4800 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5839G08	\$37769.00	
4800 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5830G09	\$8574.00	
4800 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5831G09	\$9595.00	
4800 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5832G09	\$10330.00	
4800 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5833G09	\$13287.00	
4800 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5834G09	\$17850.00	
4800 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5835G09	\$19423.00	
4800 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5836G09	\$22940.00	
4800 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5837G09	\$29331.00	
4800 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5838G09	\$33842.00	
4800 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5839G09	\$37769.00	
7200 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5840	\$15326.00	
7200 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5841	\$17957.00	
7200 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5842	\$20567.00	
7200 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5843	\$23155.00	
7200 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5844	\$25706.00	
7200 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5845	\$29969.00	
7200 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5846	\$33140.00	
7200 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5847	\$39005.00	
7200 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5848	\$45209.00	
7200 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5849	\$49403.00	
7200 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5840G02	\$15326.00	
7200 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5841G02	\$17957.00	
7200 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5842G02	\$20567.00	
7200 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5843G02	\$23155.00	
7200 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5844G02	\$25706.00	
7200 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5845G02	\$29969.00	
7200 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5846G02	\$33140.00	
7200 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5847G02	\$39005.00	
7200 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5848G02	\$45209.00	
7200 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5849G02	\$49403.00	
7200 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5840G03	\$15326.00	
7200 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5841G03	\$17957.00	
7200 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5842G03	\$20567.00	
7200 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5843G03	\$23155.00	
7200 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5844G03	\$25706.00	
7200 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5845G03	\$29969.00	
7200 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5846G03	\$33140.00	
7200 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5847G03	\$39005.00	
7200 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5848G03	\$45209.00	
7200 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5849G03	\$49403.00	
12,000 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5840G04	\$16248.00	
12,000 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5841G04	\$19034.00	
12,000 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5842G04	\$21800.00	
12,000 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5843G04	\$24549.00	
12,000 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5844G04	\$27243.00	
12,000 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5845G04	\$31769.00	
12,000 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5846G04	\$35127.00	
12,000 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5847G04	\$41347.00	
12,000 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5848G04	\$47922.00	
12,000 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5849G04	\$52366.00	

¹(2) 2 1/2% taps above and below normal. Consult Factory for dimensions and weights.



Dry-Type
Isolated
High Voltage

Three-Phase 15 - 500 kVA Indoor Type Q-HV ¹						GO-570
Input Voltage	Output Voltage	KVA	Frequency (Hz)	Product Number	List Price	
12,000 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5840G05	\$16248.00	
12,000 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5841G05	\$19034.00	
12,000 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5842G05	\$21800.00	
12,000 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5843G05	\$24549.00	
12,000 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5844G05	\$27243.00	
12,000 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5845G05	\$31769.00	
12,000 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5846G05	\$35127.00	
12,000 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5847G05	\$41347.00	
12,000 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5848G05	\$47922.00	
12,000 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5849G05	\$52366.00	
12,000 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5840G06	\$16248.00	
12,000 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5841G06	\$19034.00	
12,000 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5842G06	\$21800.00	
12,000 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5843G06	\$24549.00	
12,000 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5844G06	\$27243.00	
12,000 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5845G06	\$31769.00	
12,000 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5846G06	\$35127.00	
12,000 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5847G06	\$41347.00	
12,000 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5848G06	\$47922.00	
12,000 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5849G06	\$52366.00	
12,470 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5840G07	\$16248.00	
12,470 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5841G07	\$19034.00	
12,470 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5842G07	\$21800.00	
12,470 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5843G07	\$24549.00	
12,470 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5844G07	\$27243.00	
12,470 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5845G07	\$31769.00	
12,470 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5846G07	\$35127.00	
12,470 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5847G07	\$41347.00	
12,470 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5848G07	\$47922.00	
12,470 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5849G07	\$52366.00	
12,470 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5840G08	\$16248.00	
12,470 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5841G08	\$19034.00	
12,470 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5842G08	\$21800.00	
12,470 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5843G08	\$24549.00	
12,470 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5844G08	\$27243.00	
12,470 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5845G08	\$31769.00	
12,470 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5846G08	\$35127.00	
12,470 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5847G08	\$41347.00	
12,470 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5848G08	\$47922.00	
12,470 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5849G08	\$52366.00	
12,470 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5840G09	\$16248.00	
12,470 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5841G09	\$19034.00	
12,470 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5842G09	\$21800.00	
12,470 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5843G09	\$24549.00	
12,470 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5844G09	\$27243.00	
12,470 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5845G09	\$31769.00	
12,470 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5846G09	\$35127.00	
12,470 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5847G09	\$41347.00	
12,470 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5848G09	\$47922.00	
12,470 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5849G09	\$52366.00	
13,200 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5840G10	\$16248.00	
13,200 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5841G10	\$19034.00	
13,200 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5842G10	\$21800.00	
13,200 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5843G10	\$24549.00	
13,200 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5844G10	\$27243.00	
13,200 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5845G10	\$31769.00	
13,200 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5846G10	\$35127.00	
13,200 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5847G10	\$41347.00	
13,200 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5848G10	\$47922.00	
13,200 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5849G10	\$52366.00	
13,200 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5840G11	\$16248.00	
13,200 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5841G11	\$19034.00	
13,200 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5842G11	\$21800.00	
13,200 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5843G11	\$24549.00	
13,200 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5844G11	\$27243.00	
13,200 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5845G11	\$31769.00	
13,200 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5846G11	\$35127.00	
13,200 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5847G11	\$41347.00	
13,200 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5848G11	\$47922.00	
13,200 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5849G11	\$52366.00	

¹(2) 2 1/2% taps above and below normal. Consult Factory for dimensions and weights.

Publications and Reference: See Section 21 for a list of additional product-related publications

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Dry-Type
Isolated
High Voltage

Three-Phase 15 - 500 kVA Indoor Type Q-HV¹

GO-570

Input Voltage	Output Voltage	KVA	Frequency (Hz)	Product Number	List Price
13,200 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5840G12	\$16248.00
13,200 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5841G12	\$19034.00
13,200 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5842G12	\$21800.00
13,200 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5843G12	\$24549.00
13,200 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5844G12	\$27243.00
13,200 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5845G12	\$31769.00
13,200 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5846G12	\$35127.00
13,200 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5847G12	\$41347.00
13,200 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5848G12	\$47922.00
13,200 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5849G12	\$52366.00
13,800 Volts Delta	208 Y/120 Volts	15	60 Hz	9T25B5840G13	\$16248.00
13,800 Volts Delta	208 Y/120 Volts	30	60 Hz	9T25B5841G13	\$19034.00
13,800 Volts Delta	208 Y/120 Volts	45	60 Hz	9T25B5842G13	\$21800.00
13,800 Volts Delta	208 Y/120 Volts	75	60 Hz	9T25B5843G13	\$24549.00
13,800 Volts Delta	208 Y/120 Volts	112.5	60 Hz	9T25B5844G13	\$27243.00
13,800 Volts Delta	208 Y/120 Volts	150	60 Hz	9T25B5845G13	\$31769.00
13,800 Volts Delta	208 Y/120 Volts	225	60 Hz	9T25B5846G13	\$35127.00
13,800 Volts Delta	208 Y/120 Volts	300	60 Hz	9T25B5847G13	\$41347.00
13,800 Volts Delta	208 Y/120 Volts	400	60 Hz	9T25B5848G13	\$47922.00
13,800 Volts Delta	208 Y/120 Volts	500	60 Hz	9T25B5849G13	\$52366.00
13,800 Volts Delta	240 Volts Delta	15	60 Hz	9T25B5840G14	\$16248.00
13,800 Volts Delta	240 Volts Delta	30	60 Hz	9T25B5841G14	\$19034.00
13,800 Volts Delta	240 Volts Delta	45	60 Hz	9T25B5842G14	\$21800.00
13,800 Volts Delta	240 Volts Delta	75	60 Hz	9T25B5843G14	\$24549.00
13,800 Volts Delta	240 Volts Delta	112.5	60 Hz	9T25B5844G14	\$27243.00
13,800 Volts Delta	240 Volts Delta	150	60 Hz	9T25B5845G14	\$31769.00
13,800 Volts Delta	240 Volts Delta	225	60 Hz	9T25B5846G14	\$35127.00
13,800 Volts Delta	240 Volts Delta	300	60 Hz	9T25B5847G14	\$41347.00
13,800 Volts Delta	240 Volts Delta	400	60 Hz	9T25B5848G14	\$47922.00
13,800 Volts Delta	240 Volts Delta	500	60 Hz	9T25B5849G14	\$52366.00
13,800 Volts Delta	480 Y/277 Volts	15	60 Hz	9T25B5840G15	\$16248.00
13,800 Volts Delta	480 Y/277 Volts	30	60 Hz	9T25B5841G15	\$19034.00
13,800 Volts Delta	480 Y/277 Volts	45	60 Hz	9T25B5842G15	\$21800.00
13,800 Volts Delta	480 Y/277 Volts	75	60 Hz	9T25B5843G15	\$24549.00
13,800 Volts Delta	480 Y/277 Volts	112.5	60 Hz	9T25B5844G15	\$27243.00
13,800 Volts Delta	480 Y/277 Volts	150	60 Hz	9T25B5845G15	\$31769.00
13,800 Volts Delta	480 Y/277 Volts	225	60 Hz	9T25B5846G15	\$35127.00
13,800 Volts Delta	480 Y/277 Volts	300	60 Hz	9T25B5847G15	\$41347.00
13,800 Volts Delta	480 Y/277 Volts	400	60 Hz	9T25B5848G15	\$47922.00
13,800 Volts Delta	480 Y/277 Volts	500	60 Hz	9T25B5849G15	\$52366.00

¹(2) 2 1/2% taps above and below normal. Consult Factory for dimensions and weights.

TRANSFORMERS



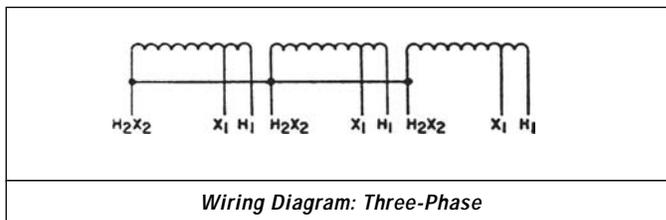
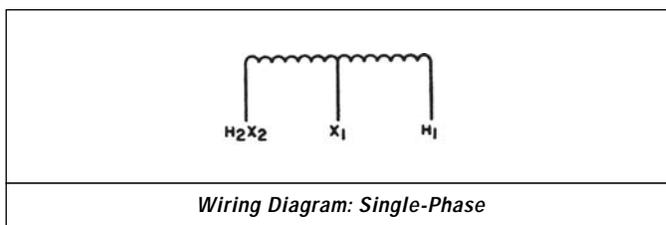
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Dry-Type
Autotransformers
For Bucking and Boosting Voltage

Application

For General Lighting and Power Service

Autotransformers are more economical than isolation transformers designed to carry the same load. Within their voltage limitations, they will perform the same function as transformers with the exception of insulating two circuits. You can use these autotransformers to obtain 120 Volts from a 240 Volt circuit, to derive a neutral on a 240 Volt, two-wire circuit, or to balance a 120/240 Volt, three-wire circuit. They also may be used in banks on polyphase circuits. See footnotes below.



For Bucking or Boosting Voltage of Single-Phase Indoor/Outdoor Type QB 60 Hz UL Listed, CSA Certified¹ GO-90A

Input Voltage	Output Voltage	KVA ²	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)	Product Number	List Price
240/120 Volts	120 or 240/120 Volts (Three-Wire)	0.5	7.38	6.13		10	9T51B0136	\$129.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	0.75	8.38	6.88	4.88	16	9T51B0137	\$155.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	1	8.38	6.88	4.88	16	9T51B0138	\$174.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	1.5	9.63	7.88	5.5	25	9T51B0139	\$223.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	2	9.63	7.88	5.5	25	9T51B0140	\$279.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	3	11.13	9.38	6.75	40	9T51B0141	\$311.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	5	11.13	9.38	6.75	60	9T51B0142	\$498.00

¹Through 3 kVA

For Bucking or Boosting Voltage of Single-Phase Indoor/Outdoor Type QMS 60 Hz UL Listed, CSA Certified GO-90C

Input Voltage	Output Voltage	KVA ²	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)	Product Number	List Price
240/120 Volts	120 or 240/120 Volts (Three-Wire)	10	14.5	10.62	11.00	102	9T21B4553G02	\$853.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	15	17.06	10.62	11.00	147	9T21B9201	\$1063.00
240/120 Volts	120 or 240/120 Volts (Three-Wire)	25	17.06	12.50	12.50	220	9T21B9202	\$1487.00

²kVA output at 120 Volts, two-wire, or allowable unbalance at 240/120 Volts, three-wire.

For Boosting Voltage of Three-Phase Indoor/Outdoor Type QB 60 Hz UL Listed GO-90A

Input Voltage	Output Voltage	KVA ³	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)	Product Number	List Price
208Y/120 Volts	230 Volts	6	7.38	6.13	4.25	10	9T51B0143	\$122.00
208Y/120 Volts	230 Volts	9	8.38	6.88	4.88	16	9T51B0144	\$147.00
208Y/120 Volts	230 Volts	15	8.38	6.88	4.88	16	9T51B0145	\$188.00
208Y/120 Volts	230 Volts	30	9.63	7.88	5.5	25	9T51B0146	\$302.00
208Y/120 Volts	230 Volts	45	11.13	9.38	6.75	40	9T51B0147	\$361.00
208Y/120 Volts	230 Volts	75	11.13	9.38	6.75	60	9T51B0148	\$540.00
208Y/120 Volts	240 Volts	6	7.38	6.13	4.25	10	9T51B0150	\$147.00
208Y/120 Volts	240 Volts	15	9.63	7.88	5.5	25	9T51B0152	\$237.00
208Y/120 Volts	240 Volts	30	11.13	9.38	6.75	40	9T51B0153	\$361.00
208Y/120 Volts	240 Volts	45	11.13	9.38	6.75	40	9T51B0154	\$445.00

³Bank of three single-phase autotransformers to be connected wye. Price is for one single unit. Dimensions and weights are for each unit in bank. Each single autotransformer is rated 1/3 of the bank kVA rating. Order three single-phase transformers for each three-phase bank.

Conversion Chart

Decimal	Fraction
.13	1/8
.38	3/8
.63	5/8
.88	7/8

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type

For Bucking and Boosting Voltage

Product Description

GE bucking and boosting transformers provide an economical and convenient means for bucking or boosting voltage, usually no more than $\pm 20\%$ on single- and three-phase circuits. They are compact, relatively light in weight, and can be easily installed for indoor or outdoor service.

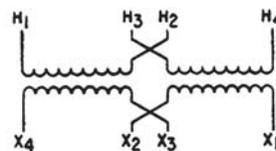
Buck-boost transformers are employed primarily for boosting single- and three-phase circuits by connecting them as autotransformers. When connected as an autotransformer, only the low-voltage, high-current capacity secondary windings are required to carry the load. Because this load is only transformed over a small change in voltage, the buck-boost transformer can handle loads many times its nameplate kVA rating.

The transformers with series-multiple 12/24, 24/48, or 16/32 Volt secondary windings are suitable for a wide variety of applications. Two or more units can be used in various combinations to obtain many other special voltages. (For fluctuating voltage conditions, refer to Power Conditioning Equipment Products section starting on page 8-40).

Application

Efficient operation of electrical equipment requires that line voltage be at or near the nameplate rating of the equipment. In order to match available line voltage (whether it be too high or low) with equipment voltage, buck-boost transformers provide the most convenient and least expensive method.

Do not use buck-boost transformers to solve a fluctuating voltage problem. They should be used to compensate for high- or low-voltage conditions only when the available line voltage is reasonably constant.



Wiring Diagram for Low Voltage Loads



Dry-Type
For Bucking and Boosting Voltage

Single-Phase Indoor/Outdoor Type QB 60 Hz UL Listed C-UL Listed								GO-90B
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)	Product Number	List Price
120/240 Volts	12/24 Volts	0.05	6.38	5.13	3.25	6	9T51B0102	\$87.00
120/240 Volts	12/24 Volts	0.075	6.38	5.13	3.25	6	9T51B0103	\$96.50
120/240 Volts	12/24 Volts	0.1	6.38	5.13	3.25	6	9T51B0104	\$104.00
120/240 Volts	12/24 Volts	0.15	7.38	6.13	4.25	10	9T51B0105	\$127.00
120/240 Volts	12/24 Volts	0.25	7.38	6.13	4.25	10	9T51B0107	\$153.00
120/240 Volts	12/24 Volts	0.5	8.38	6.88	4.88	16	9T51B0108	\$209.00
120/240 Volts	12/24 Volts	0.75	9.63	7.88	5.5	25	9T51B0109	\$269.00
120/240 Volts	12/24 Volts	1	9.63	7.88	5.5	25	9T51B0110	\$334.00
120/240 Volts	12/24 Volts	1.5	11.13	9.38	6.75	40	9T51B0111	\$410.00
120/240 Volts	12/24 Volts	2	11.13	9.38	6.75	40	9T51B0112	\$496.00
120/240 Volts	12/24 Volts	3	11.13	9.38	6.75	60	9T51B0113	\$666.00
120/240 Volts	16/32 Volts	0.05	6.38	5.13	3.25	6	9T51B0122	\$87.00
120/240 Volts	16/32 Volts	0.075	6.38	5.13	3.25	6	9T51B0123	\$96.50
120/240 Volts	16/32 Volts	0.1	6.38	5.13	3.25	6	9T51B0124	\$104.00
120/240 Volts	16/32 Volts	0.15	7.38	6.13	4.25	10	9T51B0125	\$127.00
120/240 Volts	16/32 Volts	0.25	7.38	6.13	4.25	10	9T51B0127	\$153.00
120/240 Volts	16/32 Volts	0.5	8.38	6.88	4.88	16	9T51B0128	\$209.00
120/240 Volts	16/32 Volts	0.75	9.63	7.88	5.5	25	9T51B0129	\$269.00
120/240 Volts	16/32 Volts	1	9.63	7.88	5.5	25	9T51B0130	\$334.00
120/240 Volts	16/32 Volts	1.5	11.13	9.38	6.75	40	9T51B0131	\$410.00
120/240 Volts	16/32 Volts	2	11.13	9.38	6.75	40	9T51B0132	\$496.00
120/240 Volts	16/32 Volts	3	11.13	9.38	6.75	60	9T51B0133	\$666.00
240/480 Volts	24/48 Volts	0.05	6.38	5.13	3.25	6	9T51B0202	\$103.00
240/480 Volts	24/48 Volts	0.075	6.38	5.13	3.25	6	9T51B0203	\$113.00
240/480 Volts	24/48 Volts	0.1	6.38	5.13	3.25	6	9T51B0204	\$127.00
240/480 Volts	24/48 Volts	0.15	7.38	6.13	4.25	10	9T51B0205	\$141.00
240/480 Volts	24/48 Volts	0.25	7.38	6.13	4.25	10	9T51B0207	\$168.00
240/480 Volts	24/48 Volts	0.5	8.38	6.88	4.88	16	9T51B0208	\$231.00
240/480 Volts	24/48 Volts	0.75	9.63	7.88	5.5	25	9T51B0209	\$294.00
240/480 Volts	24/48 Volts	1	9.63	7.88	5.5	25	9T51B0210	\$370.00
240/480 Volts	24/48 Volts	1.5	11.13	9.38	6.75	40	9T51B0211	\$449.00
240/480 Volts	24/48 Volts	2	11.13	9.38	6.75	40	9T51B0212	\$548.00
240/480 Volts	24/48 Volts	3	11.13	9.38	6.75	60	9T51B0213	\$735.00

Single-Phase Indoor/Outdoor Type QMS 60 Hz UL Listed C-UL Listed								GO-90D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)	Product Number	List Price
120/240 Volts	12/24 Volts	5	14.75	10.63	9.5	111	9T21B1037G02	\$878.00
120/240 Volts	16/32 Volts	5	14.75	10.63	9.5	111	9T21B1040G02	\$878.00

Single-Phase Indoor/Outdoor Type QMS 50 Hz UL Listed C-UL Listed								GO-90D
Input Voltage	Output Voltage	KVA	Height (in)	Width (in)	Depth (in)	Approx. Net Weight (Lbs.)	Product Number	List Price
120/240 Volts	12/24 Volts	5	14.75	10.63	9.5	111	9T21B1061G02	\$1538.30
120/240 Volts	16/32 Volts	5	14.75	10.63	9.5	111	9T21B1064G02	\$1538.30

NOTE: In addition to bucking or boosting low circuit voltages to related value, these transformers can be used as two winding transformers to supply the rated nameplate low voltages, 12 to 48 Volts, two-wire or 12/24 to 24/48 Volts, three-wire. Also available in 50/60 Hz ratings.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Dry-Type

For Bucking and Boosting Voltage

5-Step Selection

The tables on these pages greatly facilitate buck-boost transformer selection. Simply follow these five easy steps:

1. Refer to the table having the same "output voltage" as the equipment you want to operate. For example, if you are installing a 230 Volt single-phase air conditioner, use the 230 Volt table.
2. Different available "line voltages" are listed across the top of each table. Select the line voltage column closest to your actual supply. If your available line voltage is exactly midway between two listed voltage levels, you may use either voltage column. For example, in the 230 Volt table, if you have 212 available, use either the 208 or the 216 column.
3. Read down the available line voltage column until you reach the rated load kVA of the equipment you want to operate or "the next higher kVA" rating. For example, in the 230 Volt table under the 208 available line voltage column, you want to operate an air conditioner rated 2 kVA. Since 2 kVA is not listed as such, you must read down to the next higher value or 2.4 kVA.
4. Once you have established this point, read across to the far left column for the exact GE buck-boost model number for your application. For example, the 230 Volt table under the 208 column for a 2 kVA air conditioner, read across from 2.4 (next higher kVA rating) and the model number is 9T51B0107.
5. Connect the buck-boost transformer you have selected per the connection diagram specified at the "bottom" of the available line voltage column you used. For example, if you used the 208 column, you would connect the buck-boost transformer per connection diagram A. That's all there is to it! The transformer you've selected will meet your exact requirements when connected in the specified manner.

The formula for calculating single-phase kVA is:

$$\frac{\text{Load Voltage} \times \text{Full Load Amps}}{1000}$$

The formula for calculating three-phase kVA is:

$$\frac{1.732 \times \text{Load Voltage} \times \text{Load Amps}}{1000}$$

Table 1

230 Volts Output, 60 Hertz, Single-Phase

Product Number	Available Line Voltage									
	192	203	208	216	219	242	245	253	261	276
	Load kVA ¹									
9T51B0102	—	—	.480	—	.960	1.0	—	.530	—	—
9T51B0122	—	.360	—	.720	—	—	.770	—	.410	—
9T51B0202	.240	—	—	—	—	—	—	—	—	.288
9T51B0103	—	—	.720	—	1.5	1.6	—	.800	—	—
9T51B0123	—	.540	—	1.1	—	—	1.2	—	.620	—
9T51B0203	.359	—	—	—	—	—	—	—	—	.431
9T51B0104	—	—	.960	—	2.0	2.1	—	1.1	—	—
9T51B0124	—	.720	—	1.5	—	—	1.6	—	.820	—
9T51B0204	.479	—	—	—	—	—	—	—	—	.575
9T51B0105	—	—	1.5	—	2.9	3.1	—	1.6	—	—
9T51B0125	—	1.1	—	2.2	—	—	2.3	—	1.3	—
9T51B0205	.719	—	—	—	—	—	—	—	—	.863
9T51B0107	—	—	2.4	—	4.8	5.1	—	2.7	—	—
9T51B0127	—	1.8	—	3.6	—	—	3.9	—	2.1	—
9T51B0207	1.2	—	—	—	—	—	—	—	—	1.4
9T51B0108	—	—	4.8	—	9.6	10.1	—	5.3	—	—
9T51B0128	—	3.6	—	7.2	—	—	7.7	—	4.1	—
9T51B0208	2.4	—	—	—	—	—	—	—	—	2.9
9T51B0109	—	—	7.2	—	14.4	15.2	—	7.9	—	—
9T51B0129	—	5.4	—	10.8	—	—	11.5	—	6.2	—
9T51B0209	3.6	—	—	—	—	—	—	—	—	4.3
9T51B0110	—	—	9.6	—	19.2	20.2	—	10.6	—	—
9T51B0130	—	7.2	—	14.4	—	—	15.4	—	8.2	—
9T51B0210	4.8	—	—	—	—	—	—	—	—	5.7
9T51B0111	—	—	14.4	—	28.8	30.3	—	15.9	—	—
9T51B0131	—	10.8	—	21.6	—	—	23.0	—	12.3	—
9T51B0211	7.2	—	—	—	—	—	—	—	—	8.6
9T51B0112	—	—	19.1	—	38.4	40.4	—	21.1	—	—
9T51B0132	—	14.4	—	28.8	—	—	30.7	—	16.4	—
9T51B0212	9.6	—	—	—	—	—	—	—	—	11.5
9T51B0113	—	—	28.7	—	57.5	60.5	—	31.7	—	—
9T51B0133	—	21.6	—	43.2	—	—	46.0	—	24.5	—
9T51B0213	14.4	—	—	—	—	—	—	—	—	17.3
9T21B1037G02	—	—	47.8	—	95.9	100.9	—	52.7	—	—
9T21B1040G02	—	36.0	—	72.0	—	—	77.0	—	40.8	—
Connection Diagram Pg. 10-61	C	A	A	B	B	B	B	A	A	C

¹ The load kVA in the tables at right are the kVA output when the buck-boost transformer selected is connected as an AUTOTRANSFORMER.

TRANSFORMERS



Dry-Type
For Bucking and Boosting Voltage

Table 2
240 Volts Output, 60 Hertz, Single-Phase

Product Number	Available Line Voltage									
	208 ²		218	225	229	252	256	264	272	288
	200	212	Load kVA ¹							
9T51B0102	—	—	.500	—	1.0	1.1	—	.550	—	—
9T51B0122	—	.380	—	.750	—	—	.800	—	.430	—
9T51B0202	.250	—	—	—	—	—	—	—	—	.300
9T51B0103	—	—	.750	—	1.5	1.6	—	.825	—	—
9T51B0123	—	.570	—	1.2	—	—	1.2	—	.640	—
9T51B0203	.375	—	—	—	—	—	—	—	—	.391
9T51B0104	—	—	1.0	—	2.0	2.1	—	1.1	—	—
9T51B0124	—	.750	—	1.5	—	—	1.6	—	.850	—
9T51B0204	.500	—	—	—	—	—	—	—	—	.522
9T51B0105	—	—	1.5	—	3.0	3.2	—	1.7	—	—
9T51B0125	—	1.2	—	2.3	—	—	2.4	—	1.3	—
9T51B0205	.750	—	—	—	—	—	—	—	—	.782
9T51B0107	—	—	2.5	—	5.0	5.3	—	2.8	—	—
9T51B0127	—	1.9	—	3.8	—	—	4.0	—	2.2	—
9T51B0207	1.3	—	—	—	—	—	—	—	—	1.4
9T51B0108	—	—	5.0	—	10.0	10.5	—	5.5	—	—
9T51B0128	—	3.8	—	7.5	—	—	8.0	—	4.3	—
9T51B0208	2.5	—	—	—	—	—	—	—	—	2.6
9T51B0109	—	—	7.5	—	15.0	15.8	—	8.3	—	—
9T51B0129	—	5.7	—	11.3	—	—	12.0	—	6.4	—
9T51B0209	3.8	—	—	—	—	—	—	—	—	4.0
9T51B0110	—	—	10.0	—	20.0	21.0	—	11.0	—	—
9T51B0130	—	7.5	—	15.0	—	—	16.0	—	8.5	—
9T51B0210	5.0	—	—	—	—	—	—	—	—	5.2
9T51B0111	—	—	15.0	—	30.0	31.5	—	16.5	—	—
9T51B0131	—	11.3	—	22.5	—	—	24.0	—	12.8	—
9T51B0211	7.5	—	—	—	—	—	—	—	—	7.8
9T51B0112	—	—	20.0	—	40.0	42.6	—	22.0	—	—
9T51B0132	—	15.0	—	30.0	—	—	32.0	—	17.0	—
9T51B0212	10.0	—	—	—	—	—	—	—	—	10.4
9T51B0113	—	—	30.0	—	60.0	63.0	—	33.0	—	—
9T51B0133	—	22.5	—	45.0	—	—	48.0	—	25.5	—
9T51B0213	15.0	—	—	—	—	—	—	—	—	15.6
9T21B1037G02	—	—	50.0	—	100.0	105.0	—	55.0	—	—
9T21B1040G02	—	37.5	—	75.0	—	—	80.0	—	42.5	—
Connection Diagram Pg. 10-61	C	A	A	B	B	B	B	A	A	C

¹ The load kVA in the tables at right are the kVA output when the buck-boost transformer selected is connected as an AUTOTRANSFORMER.
² When 208 is the available line voltage, use the 212 voltage column. This will result in output voltage of 236 Volts, which should be sufficient for most applications.

Table 3
115 Volts Output, 60 Hertz, Single-Phase

Product Number	Available Line Voltage							
	91	96	101	105	127	130	138	146
	Load kVA ¹							
9T51B0102	—	.240	—	.480	.539	—	.290	—
9T51B0122	.180	—	.360	—	—	.410	—	.230
9T51B0103	—	.360	—	.720	.800	—	.440	—
9T51B0123	.270	—	.540	—	—	.610	—	.350
9T51B0104	—	.480	—	.960	1.1	—	.580	—
9T51B0124	.360	—	.720	—	—	.820	—	.460
9T51B0105	—	.720	—	1.5	1.6	—	.870	—
9T51B0125	.540	—	1.1	—	—	1.3	—	.690
9T51B0107	—	1.2	—	2.4	2.7	—	1.5	—
9T51B0127	.900	—	1.8	—	—	2.1	—	1.2
9T51B0108	—	2.4	—	4.8	5.3	—	2.9	—
9T51B0128	1.8	—	3.6	—	—	4.1	—	2.3
9T51B0109	—	3.6	—	7.2	8.0	—	4.4	—
9T51B0129	2.7	—	5.4	—	—	6.1	—	3.5
9T51B0110	—	4.8	—	9.6	10.6	—	5.8	—
9T51B0130	3.6	—	7.2	—	—	8.2	—	4.6
9T51B0111	—	7.2	—	14.4	15.9	—	8.6	—
9T51B0131	5.4	—	10.8	—	—	12.2	—	6.9
9T51B0112	—	9.6	—	19.2	21.2	—	11.5	—
9T51B0132	7.2	—	14.4	—	—	16.3	—	9.2
9T51B0113	—	14.4	—	28.8	31.8	—	17.3	—
9T51B0133	10.8	—	21.6	—	—	24.4	—	13.7
9T21B1061G02	—	24.0	—	48.0	53.0	—	28.8	—
9T21B1037G02	—	24.0	—	48.0	53.0	—	28.8	—
9T21B1064G02	18.0	—	36.0	—	—	41.0	—	22.9
9T21B1040G02	18.0	—	36.0	—	—	41.0	—	22.9
Connection Diagram Pg. 10-61	C	C	D	D	D	D	C	C

¹ The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

Publications and Reference: See Section 21 for a list of additional product-related publications



Dry-Type
For Bucking and Boosting Voltage

Table 4
120 Volts Output, 60 Hertz, Single-Phase

Product Number	Available Line Voltage							
	95	100	106	109	132	136	144	152
	Load kVA ¹							
9T51B0102	—	.250	—	.500	.550	—	.300	—
9T51B0122	.190	—	.380	—	—	.430	—	.240
9T51B0103	—	.380	—	.750	.830	—	.450	—
9T51B0123	.290	—	.570	—	—	.640	—	.360
9T51B0104	—	.500	—	1.0	1.1	—	.600	—
9T51B0124	.380	—	.750	—	—	.850	—	.480
9T51B0105	—	.750	—	1.5	1.7	—	.900	—
9T51B0125	.570	—	1.2	—	—	1.3	—	.720
9T51B0107	—	1.3	—	2.5	2.8	—	1.5	—
9T51B0127	.940	—	1.9	—	—	2.2	—	1.2
9T51B0108	—	2.5	—	5.0	5.5	—	3.0	—
9T51B0128	1.9	—	3.8	—	—	4.3	—	2.4
9T51B0109	—	3.8	—	7.5	8.3	—	4.5	—
9T51B0129	2.9	—	5.7	—	—	6.4	—	3.6
9T51B0110	—	5.0	—	10.0	11.0	—	6.0	—
9T51B0130	3.8	—	7.5	—	—	8.5	—	4.8
9T51B0111	—	7.5	—	15.0	16.5	—	9.0	—
9T51B0131	5.7	—	11.3	—	—	12.8	—	7.2
9T51B0112	—	10.0	—	20.0	22.0	—	12.0	—
9T51B0132	7.5	—	15.0	—	—	17.0	—	9.5
9T51B0113	—	15.0	—	30.0	33.0	—	18.0	—
9T51B0133	11.3	—	22.5	—	—	25.5	—	14.3
9T21B1061G02	—	25.0	—	50.0	55.0	—	30.0	—
9T21B1037G02	—	25.0	—	50.0	55.0	—	30.0	—
9T21B1064G02	18.8	—	38.0	—	—	43.0	—	23.8
9T21B1040G02	18.8	—	38.0	—	—	43.0	—	23.8
Connection Diagram Pg. 10-61	C	C	D	D	D	D	C	C

¹ The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

Table 5
230 Volts, 3-Wire Output, 60 Hertz, Three-Phase²

Quantity Required Per Bank	Product Number	Available Line Voltage				
		181Y/105	192Y/111	203Y/117	208Y/120	277Y/160
		Load kVA ¹				
3	9T51B0102	—	.830	—	1.7	—
3	9T51B0122	.620	—	1.3	—	—
3	9T51B0202	—	—	—	—	.48
3	9T51B0103	—	1.2	—	2.5	—
3	9T51B0123	.930	—	1.9	—	—
3	9T51B0203	—	—	—	—	.72
3	9T51B0104	—	1.7	—	3.4	—
3	9T51B0124	1.2	—	2.5	—	—
3	9T51B0204	—	—	—	—	.96
3	9T51B0105	—	2.5	—	5.0	—
3	9T51B0125	1.9	—	3.7	—	—
3	9T51B0205	—	—	—	—	1.44
3	9T51B0107	—	4.2	—	8.3	—
3	9T51B0127	3.1	—	6.2	—	—
3	9T51B0207	—	—	—	—	2.4
3	9T51B0108	—	8.3	—	16.6	—
3	9T51B0128	6.2	—	12.5	—	—
3	9T51B0208	—	—	—	—	4.8
3	9T51B0109	—	12.5	—	25.0	—
3	9T51B0129	9.3	—	18.7	—	—
3	9T51B0209	—	—	—	—	7.2
3	9T51B0110	—	16.6	—	33.2	—
3	9T51B0130	12.5	—	25.0	—	—
3	9T51B0210	—	—	—	—	9.6
3	9T51B0111	—	25.0	—	50.0	—
3	9T51B0131	18.7	—	37.0	—	—
3	9T51B0211	—	—	—	—	14.4
3	9T51B0112	—	33.0	—	66.0	—
3	9T51B0132	25.0	—	50.0	—	—
3	9T51B0212	—	—	—	—	19.2
3	9T51B0113	—	50.0	—	100.0	—
3	9T51B0133	37.5	—	75.0	—	—
3	9T51B0213	—	—	—	—	28.8
3	9T21B1037G02	—	83.0	—	167.0	—
3	9T21B1040G02	62.0	—	125.0	—	—
	Connection Diagram Pg. 10-61	F	F	G	G	F

¹ The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

² See Caution page 8-59, footnote 1.

TRANSFORMERS



Product Number Selection Instructions: See Page 8-2
Maximum Dimensions and Weights: See Page 8-16

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Dry-Type
For Bucking and Boosting Voltage

Table 6
240 Volts, 3-Wire Output, 60 Hertz, Three-Phase²

Quantity Required Per Bank	Product Number	Available Line Voltage				
		189Y/ 109	200Y/ 115	208Y/120 ³ 212Y/122	218Y/ 126	288Y/ 166
Load kVA ¹						
3	9T51B0102	—	.870	—	1.7	—
3	9T51B0122	.650	—	1.3	—	—
3	9T51B0202	—	—	—	—	.5
3	9T51B0103	—	1.3	—	2.6	—
3	9T51B0123	.970	—	2.0	—	—
3	9T51B0203	—	—	—	—	.75
3	9T51B0104	—	1.7	—	3.5	—
3	9T51B0124	1.3	—	2.6	—	—
3	9T51B0204	—	—	—	—	1.0
3	9T51B0105	—	2.6	—	5.2	—
3	9T51B0125	2.0	—	3.9	—	—
3	9T51B0205	—	—	—	—	1.5
3	9T51B0107	—	4.3	—	8.7	—
3	9T51B0127	3.2	—	6.5	—	—
3	9T51B0207	—	—	—	—	2.5
3	9T51B0108	—	8.7	—	17.3	—
3	9T51B0128	6.5	—	13.0	—	—
3	9T51B0208	—	—	—	—	5.0
3	9T51B0109	—	13.0	—	26.0	—
3	9T51B0129	9.7	—	19.5	—	—
3	9T51B0209	—	—	—	—	7.5
3	9T51B0110	—	17.3	—	34.6	—
3	9T51B0130	13.0	—	26.0	—	—
3	9T51B0210	—	—	—	—	10.0
3	9T51B0111	—	26.0	—	52.0	—
3	9T51B0131	19.5	—	39.0	—	—
3	9T51B0211	—	—	—	—	15.0
3	9T51B0112	—	35.0	—	70.0	—
3	9T51B0132	26.0	—	52.0	—	—
3	9T51B0212	—	—	—	—	20.0
3	9T51B0113	—	52.0	—	104.0	—
3	9T51B0133	39.0	—	78.0	—	—
3	9T51B0213	—	—	—	—	30.0
3	9T21B103G02	—	87.0	—	173.0	—
3	9T21B1040G02	65.0	—	130.0	—	—
Connection Diagram Pg. 10-61		F	F	G	G	F

¹ The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

² See Caution, footnote 1.

³ When 208Y/120 Volts is the available line voltage, the 212Y/122 column may be used to obtain 236 Volts which should be satisfactory for most applications.

Table 7
460 Volts, 3-Wire Output, 60 Hertz, Three-Phase¹

Quantity Required Per Bank	Product Number	Available Line Voltage—3- or 4-Wire				
		385	406	418	432	438
Three-Phase Load kVA ²						
3	9T51B0102	—	—	1.66	—	3.32
3	9T51B0122	—	1.25	—	2.49	—
3	9T51B0202	.830	—	—	—	—
3	9T51B0103	—	—	2.48	—	4.96
3	9T51B0123	—	1.87	—	3.73	—
3	9T51B0203	1.2	—	—	—	—
3	9T51B0104	—	—	3.31	—	6.62
3	9T51B0124	—	2.49	—	4.97	—
3	9T51B0204	1.7	—	—	—	—
3	9T51B0105	—	—	4.97	—	9.94
3	9T51B0125	—	3.73	—	7.46	—
3	9T51B0205	2.5	—	—	—	—
3	9T51B0107	—	—	8.28	—	16.6
3	9T51B0127	—	6.22	—	12.4	—
3	9T51B0207	4.2	—	—	—	—
3	9T51B0108	—	—	16.6	—	33.2
3	9T51B0128	—	12.5	—	24.9	—
3	9T51B0208	8.3	—	—	—	—
3	9T51B0109	—	—	24.8	—	59.6
3	9T51B0129	—	18.7	—	37.3	—
3	9T51B0209	12.5	—	—	—	—
3	9T51B0110	—	—	33.1	—	66.2
3	9T51B0130	—	24.9	—	49.7	—
3	9T51B0210	16.6	—	—	—	—
3	9T51B0111	—	—	49.7	—	99.4
3	9T51B0131	—	37.3	—	74.6	—
3	9T51B0211	24.9	—	—	—	—
3	9T51B0112	—	—	66.3	—	133.0
3	9T51B0132	—	49.7	—	99.5	—
3	9T51B0212	33.2	—	—	—	—
3	9T51B0113	—	—	99.3	—	198.6
3	9T51B0133	—	74.6	—	149.0	—
3	9T51B0213	49.8	—	—	—	—
3	9T21B1037G02	—	—	166.0	—	322.0
3	9T21B1040G02	—	125.0	—	249.0	—
Connection Diagram Pg. 10-61		F	H	H	I	I

¹ **Caution:** If input is 3-wire Delta or 4-wire midtapped Delta, the neutral established from the bank of buck-boost transformers must be insulated and isolated from the input power neutral and/or ground.

² The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

Publications and Reference: See Section 21 for a list of additional product-related publications



Dry-Type
For Bucking and Boosting Voltage

Table 8
480 Volts, 3-Wire Output, 60 Hertz, Three-Phase¹

Quantity Required Per Bank	Product Number	Available Line Voltage—3- or 4-Wire			
		400	424	436	450
Three-Phase Load kVA ²					
3	9T51B0102	—	—	1.74	—
3	9T51B0122	—	1.3	—	2.6
3	9T51B0202	.866	—	—	—
3	9T51B0103	—	—	2.6	—
3	9T51B0123	—	1.95	—	3.9
3	9T51B0203	1.3	—	—	—
3	9T51B0104	—	—	3.5	—
3	9T51B0124	—	2.6	—	5.2
3	9T51B0204	1.7	—	—	—
3	9T51B0105	—	—	5.2	—
3	9T51B0125	—	3.9	—	7.8
3	9T51B0205	2.6	—	—	—
3	9T51B0107	—	—	8.7	—
3	9T51B0127	—	6.3	—	13.0
3	9T51B0207	4.3	—	—	—
3	9T51B0108	—	—	17.4	—
3	9T51B0128	—	13.0	—	26.0
3	9T51B0208	8.7	—	—	—
3	9T51B0109	—	—	26.0	—
3	9T51B0129	—	19.5	—	39.0
3	9T51B0209	13.0	—	—	—
3	9T51B0110	—	—	35.0	—
3	9T51B0130	—	26.0	—	52.0
3	9T51B0210	17.3	—	—	—
3	9T51B0111	—	—	52.0	—
3	9T51B0131	—	39.0	—	78.0
3	9T51B0211	26.0	—	—	—
3	9T51B0112	—	—	69.0	—
3	9T51B0132	—	52.0	—	104.0
3	9T51B0212	34.6	—	—	—
3	9T51B0113	—	—	104.0	—
3	9T51B0133	—	78.0	—	156.0
3	9T51B0213	51.9	—	—	—
3	9T21B1037G02	—	—	174.0	—
3	9T21B1040G02	—	130.0	—	260.0
Connection Diagram Pg. 10-61		F	H	H	I

¹ Caution: If input is 3-wire Delta or 4-wire midtapped Delta, the neutral established from the bank of buck-boost transformers must be insulated and isolated from the input power neutral and/or ground.

² The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

Table 9
208 Volts, 3-Wire, 60 Hertz, Three-Phase¹

Quantity Required Per Bank	Product Number	Available Line Voltage			
		218	222	229	236
Three-Phase Load kVA ²					
2	9T51B0102	1.6	—	.8	—
2	9T51B0122	—	1.2	—	.64
2	9T51B0103	2.3	—	1.2	—
2	9T51B0123	—	1.8	—	.96
2	9T51B0104	3.2	—	1.6	—
2	9T51B0124	—	2.4	—	1.3
2	9T51B0105	4.7	—	2.5	—
2	9T51B0125	—	3.6	—	1.9
2	9T51B0107	7.8	—	4.1	—
2	9T51B0127	—	6.0	—	3.2
2	9T51B0108	16	—	8.0	—
2	9T51B0128	—	12.0	—	6.4
2	9T51B0109	23.6	—	12.4	—
2	9T51B0129	—	18.0	—	9.6
2	9T51B0110	31.5	—	16.5	—
2	9T51B0130	—	24.0	—	12.7
2	9T51B0111	47.2	—	24.8	—
2	9T51B0131	—	36.0	—	19.1
2	9T51B0112	63.0	—	33.0	—
2	9T51B0132	—	48.0	—	25.6
2	9T51B0113	94	—	49.6	—
2	9T51B0133	—	72.0	—	38.3
Connection Diagram Pg. 10-61		J	J	Z	Z

¹ Caution: If input is 3-wire Delta or 4-wire midtapped Delta, the neutral established from the bank of buck-boost transformers must be insulated and isolated from the input power neutral and/or ground.

² The load kVA is the maximum load at voltages shown when transformers are connected as autotransformers according to the diagram referenced.

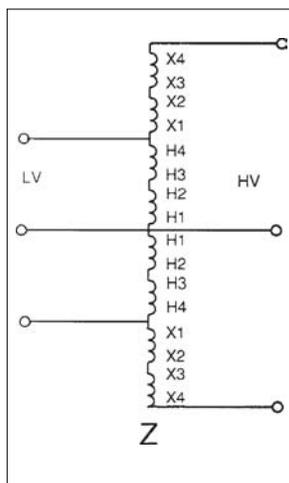
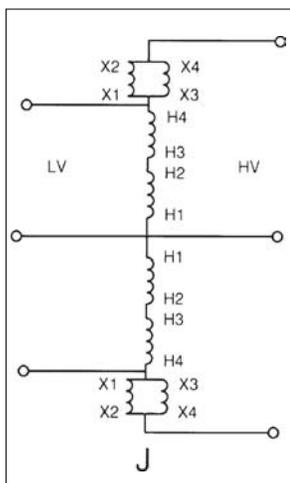
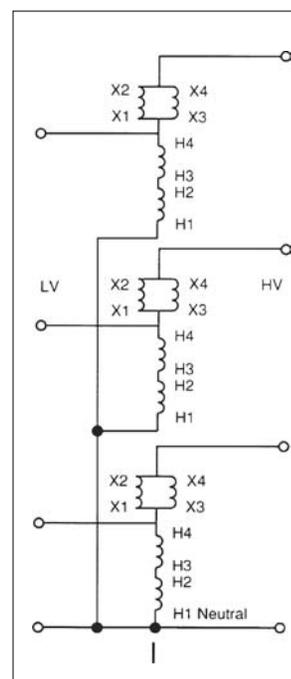
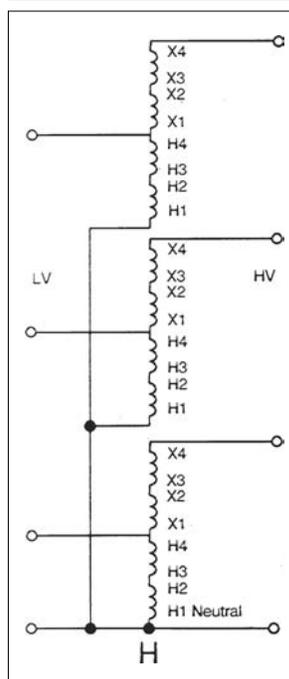
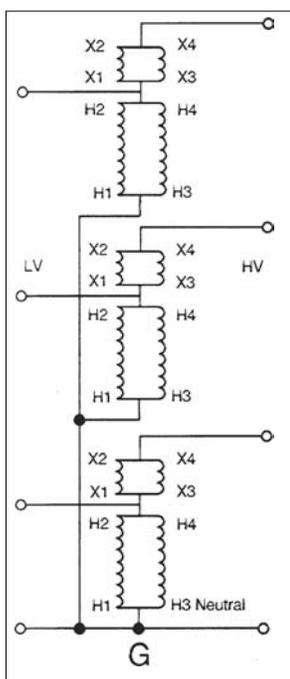
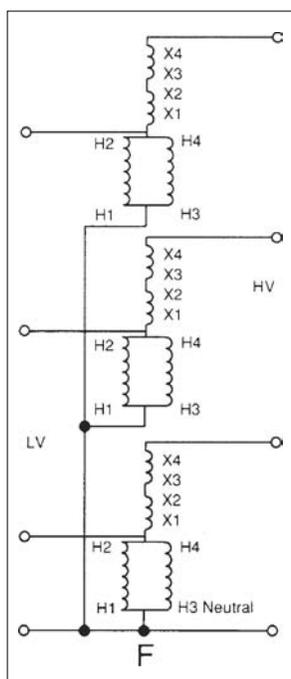
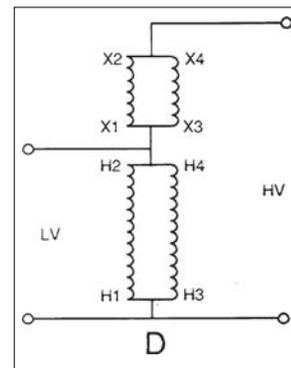
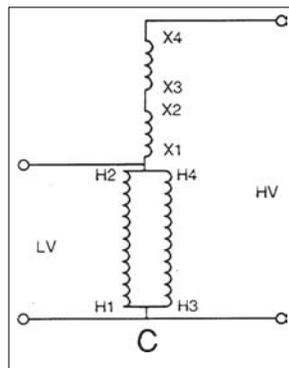
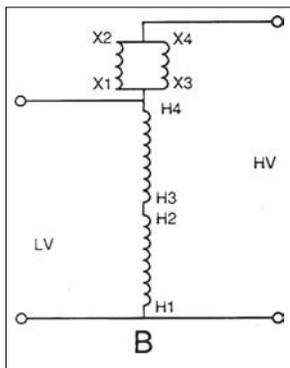
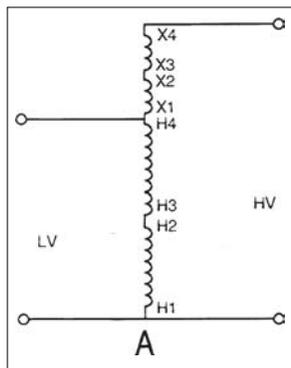


Product Number Selection Instructions: See Page 8-2

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Dry-Type
For Bucking and Boosting Voltage

Connection Diagrams



Publications and Reference: See Section 21 for a list of additional product-related publications

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Machine Tool and Control Power

Description

Type IP transformers are core and coil units designed for machine tool, industrial control, panelboard, and general-purpose applications. These designs are now welded core and encapsulated to provide the highest quality electrical performance. The transformer coil is completely surrounded by epoxy, providing protection from external elements. The lamination core is welded to provide superior quiet performance.

Several types of terminations are available to simplify installation. These include primary and secondary leads out, integral fuse and our standard which is a touch proof terminal block. Consult your local GE Consumer and Industrial Sales Office for complete technical applications data.

Standards: Type IP units conform to NEMA ST20. They are UL listed under UL-506, File E—2739, and C-UL listed.

Insulation Classes: Generally, 150 VA and below are 105°C insulation class, 55°C rise. 200 VA and above are 185°C (NEMA), 180°C (UL) insulation class, 115°C rise. Maximum surface temperature rise is 65°C above ambient.

Frequency: 60 Hertz is standard; 50 Hertz is available as an option.

Voltage Regulation: All designs 2.0 kVA and below are compensated for voltage drop. Generally, this compensation ranges from 10% in the smallest rating to 3% for the largest. All machine tool designs meet or exceed NMTBA regulation requirements.

Series-Multiple Secondary Connections: Transformers with 120/240 V secondaries (series-multiple) may be connected for 120 V, 240 V or 240/120 V three-wire. Jumpers are provided.

Overcurrent Protection: Type IP transformers are low impedance transformers that require overcurrent protection for most applications. They provide for optional integral primary and/or secondary fusing.

Mounting Dimensions: Type IP transformers are lightweight, small, and designed for minimum mounting dimensions. Many units will fit competitors mounting footprints.



Machine Tool Applications

Single-Phase

60 Hz Terminal Board Connection							GO-80
Input Voltage	Output Voltage	KVA	Frame size	Inrush VA @ .20 PF, 95% Sec. Volt	Wiring Diagram No. ¹	Product Number	List Price
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.05	6100	193	1	9T58K0042	\$25.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.075	6125	303	1	9T58K0043	\$29.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.1	8100	396	1	9T58K0044	\$33.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.15	8150	724	1	9T58K0045	\$37.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.2	8175	821	1	9T58K0046	\$46.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.25	8200	1034	1	9T58K0047	\$54.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.3	8250	1037	1	9T58K0048	\$60.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.375	8250	1441	1	9T58K0049	\$69.50
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.5	10225	2027	1	9T58K0050	\$79.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	0.75	12225	3092	1	9T58K0051	\$110.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	1	12300	4494	1	9T58K0052	\$135.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	1.5	14225	5156	1	9T58K0053	\$185.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	2	14300	9193	1	9T58K0054	\$249.00
220 x 440, 230 x 460, 240 x 480 Volts	110, 115, 120 Volts	3	14475	14513	1	9T58K0055	\$331.00

50/60 Hz Terminal Board Connection							GO-80
Input Voltage	Output Voltage	KVA	Frame size	Inrush VA @ .20 PF, 95% Sec. Volt	Wiring Diagram No. ¹	Product Number	List Price
230/460/575 Volts	115/95 Volts	0.05	6100	196	2	9T58K0062	\$36.00
230/460/575 Volts	115/95 Volts	0.075	8100	278	2	9T58K0063	\$42.00
230/460/575 Volts	115/95 Volts	0.1	8150	445	2	9T58K0064	\$45.00
230/460/575 Volts	115/95 Volts	0.15	8200	663	2	9T58K0065	\$57.50
230/460/575 Volts	115/95 Volts	0.2	8200	864	2	9T58K0066	\$65.00
230/460/575 Volts	115/95 Volts	0.25	8250	1137	2	9T58K0067	\$77.00
230/460/575 Volts	115/95 Volts	0.3	10225	1412	2	9T58K0068	\$87.00
230/460/575 Volts	115/95 Volts	0.375	10225	1670	2	9T58K0069	\$96.00
230/460/575 Volts	115/95 Volts	0.5	10225	1822	2	9T58K0070	\$104.00
230/460/575 Volts	115/95 Volts	0.75	12300	3524	2	9T58K0071	\$140.00
230/460/575 Volts	115/95 Volts	1	14225	4392	2	9T58K0072	\$194.00
230/460/575 Volts	115/95 Volts	1.5	14300	6753	2	9T58K0073	\$251.00
230/460/575 Volts	115/95 Volts	2	14475	11563	2	9T58K0074	\$306.00
208/277/380 Volts	115/95 Volts	0.05	6150	217	3	9T58K0082	\$36.00
208/277/380 Volts	115/95 Volts	0.075	8100	322	3	9T58K0083	\$42.00
208/277/380 Volts	115/95 Volts	0.1	8150	464	3	9T58K0084	\$45.00
208/277/380 Volts	115/95 Volts	0.15	8200	761	3	9T58K0085	\$57.50
208/277/380 Volts	115/95 Volts	0.2	8200	837	3	9T58K0086	\$65.00
208/277/380 Volts	115/95 Volts	0.25	8250	1198	3	9T58K0087	\$77.00
208/277/380 Volts	115/95 Volts	0.3	10225	1409	3	9T58K0088	\$87.00
208/277/380 Volts	115/95 Volts	0.375	10225	1674	3	9T58K0089	\$96.00
208/277/380 Volts	115/95 Volts	0.5	10225	1821	3	9T58K0090	\$104.00
208/277/380 Volts	115/95 Volts	0.75	12300	3771	3	9T58K0091	\$140.00
208/277/380 Volts	115/95 Volts	1	14225	4234	3	9T58K0092	\$194.00
208/277/380 Volts	115/95 Volts	1.5	14300	7091	3	9T58K0093	\$251.00
208/277/380 Volts	115/95 Volts	2	14475	11729	3	9T58K0094	\$306.00

¹See page 8-67 for wiring diagrams.

Factory- or Field-Installed Options

Secondary Fusing—Factory- or field-installed secondary fuse clips are available. They are restricted to units with terminal strips and a single secondary voltage or secondary with one tap.

Dual Primary and Secondary Fusing—Factory- or field-installed dual primary and secondary fusing is available on all units, including leads out and multiple secondary voltages.

Leads Out—Terminal strip is replaced by rugged primary and secondary leads emanating from the top of the encapsulated coil.

Publications and Reference: See Section 21 for a list of additional product-related publications



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Control Single-Phase

60 Hz Terminal Board Connection

GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts	120/240 Volts	0.05	6100	4	9T58K2802	\$36.00
240 x 480 Volts	120/240 Volts	0.075	6125	4	9T58K2803	\$42.00
240 x 480 Volts	120/240 Volts	0.1	8100	4	9T58K2804	\$45.00
240 x 480 Volts	120/240 Volts	0.15	8150	4	9T58K2805	\$57.50
240 x 480 Volts	120/240 Volts	0.2	8175	4	9T58K2806	\$65.00
240 x 480 Volts	120/240 Volts	0.25	8200	4	9T58K2807	\$73.00
240 x 480 Volts	120/240 Volts	0.3	8200	4	9T58K2808	\$76.00
240 x 480 Volts	120/240 Volts	0.375	8250	4	9T58K2809	\$96.00
240 x 480 Volts	120/240 Volts	0.5	10225	4	9T58K2810	\$104.00
240 x 480 Volts	120/240 Volts	0.75	12225	4	9T58K2811	\$128.00
240 x 480 Volts	120/240 Volts	1	12300	4	9T58K2812	\$164.00
240 x 480 Volts	120/240 Volts	1.5	14225	4	9T58K2813	\$215.00
240 x 480 Volts	120/240 Volts	2	14300	4	9T58K2814	\$274.00
240 x 480 Volts	120/240 Volts	3	14475	4	9T58K2815	\$360.00
600 Volts	120/240 Volts	0.1	8100	5	9T58K2824	\$45.00
600 Volts	120/240 Volts	0.2	8175	5	9T58K2826	\$65.00
600 Volts	120/240 Volts	0.3	8200	5	9T58K2828	\$73.00
600 Volts	120/240 Volts	0.5	10225	5	9T58K2830	\$104.00
600 Volts	120/240 Volts	1	12300	5	9T58K2832	\$194.00
600 Volts	120/240 Volts	2	14300	5	9T58K2834	\$306.00
600 Volts	120/240 Volts	3	14475	5	9T58K2835	\$398.00
120 x 240 Volts	120/240 Volts	0.1	8100	6	9T58K2907	\$44.00
120 x 240 Volts	120/240 Volts	0.2	8175	6	9T58K2909	\$65.50
120 x 240 Volts	120/240 Volts	0.3	8200	6	9T58K2911	\$72.00
120 x 240 Volts	120/240 Volts	0.5	10225	6	9T58K2913	\$101.00
120 x 240 Volts	120/240 Volts	0.75	12225	6	9T58K2914	\$121.00
120 x 240 Volts	120/240 Volts	1	12300	6	9T58K2915	\$155.00
120 x 240 Volts	120/240 Volts	2	14300	6	9T58K2917	\$261.00
120 x 240 Volts	120/240 Volts	3	14475	6	9T58K2918	\$344.00

60 Hz Terminal Board Connection

GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
120 x 240 Volts	12/24 Volts	0.05	6100	7	9T58K2873	\$29.00
120 x 240 Volts	12/24 Volts	0.075	6125	7	9T58K2874	\$35.00
120 x 240 Volts	12/24 Volts	0.1	8100	7	9T58K2875	\$39.00
120 x 240 Volts	12/24 Volts	0.15	8150	7	9T58K2876	\$48.50
120 x 240 Volts	12/24 Volts	0.2	8175	7	9T58K2877	\$58.50
120 x 240 Volts	12/24 Volts	0.25	8200	7	9T58K2878	\$62.50
120 x 240 Volts	12/24 Volts	0.3	8200	7	9T58K2879	\$67.00
240 x 480 Volts	12/24 Volts	0.05	6100	—	9T58K3164	\$34.50
240 x 480 Volts	12/24 Volts	0.1	8100	—	9T58K4132	\$40.50
240 x 480 Volts	12/24 Volts	0.15	8150	—	9T58K4133	\$48.50
240 x 480 Volts	12/24 Volts	0.25	8200	—	9T58K3024	\$62.50
208 x 240 Volts	12/24 Volts	0.05	6100	—	9T58K4050	\$34.50
208 x 240 Volts	12/24 Volts	0.1	8100	—	9T58K4051	\$40.50
208 x 240 Volts	12/24 Volts	0.15	8150	—	9T58K4052	\$48.50
208 x 240 Volts	12/24 Volts	0.25	8200	—	9T58K4053	\$62.50

60 Hz Leads Out Connection²

GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts	120/240 Volts	0.05	6100	4	9T58K1802	\$36.00
240 x 480 Volts	120/240 Volts	0.075	6125	4	9T58K1803	\$42.00
240 x 480 Volts	120/240 Volts	0.1	8100	4	9T58K1804	\$45.00
240 x 480 Volts	120/240 Volts	0.15	8150	4	9T58K1805	\$57.50
240 x 480 Volts	120/240 Volts	0.2	8175	4	9T58K1806	\$65.00
240 x 480 Volts	120/240 Volts	0.25	8200	4	9T58K1807	\$73.00
240 x 480 Volts	120/240 Volts	0.3	8200	4	9T58K1808	\$76.00
240 x 480 Volts	120/240 Volts	0.375	8250	4	9T58K1809	\$96.00
240 x 480 Volts	120/240 Volts	0.5	10225	4	9T58K1810	\$104.00
240 x 480 Volts	120/240 Volts	0.75	12225	4	9T58K1811	\$128.00
240 x 480 Volts	120/240 Volts	1	12300	4	9T58K1812	\$164.00
240 x 480 Volts	120/240 Volts	1.5	14225	4	9T58K1813	\$215.00
240 x 480 Volts	120/240 Volts	2	14300	4	9T58K1814	\$274.00
240 x 480 Volts	120/240 Volts	3	14475	4	9T58K1815	\$360.00

¹See page 8-67 for wiring diagrams.

²Secondary fusing not available.



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TRANSFORMERS



Control
Single-Phase

60 Hz Leads Out Connection² (continued) GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
600 Volts	120/240 Volts	0.1	8100	5	9T58K1824	\$45.00
600 Volts	120/240 Volts	0.2	8175	5	9T58K1826	\$65.00
600 Volts	120/240 Volts	0.3	8200	5	9T58K1828	\$73.00
600 Volts	120/240 Volts	0.5	10225	5	9T58K1830	\$104.00
600 Volts	120/240 Volts	1	12300	5	9T58K1832	\$194.00
600 Volts	120/240 Volts	2	14300	5	9T58K1834	\$306.00
600 Volts	120/240 Volts	3	14475	5	9T58K1835	\$398.00

60 Hz Leads Out Connection² GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
120 x 240 Volts	12/24 Volts	0.05	6100	7	9T58K1873	\$29.00
120 x 240 Volts	12/24 Volts	0.075	6125	7	9T58K1874	\$35.00
120 x 240 Volts	12/24 Volts	0.1	8100	7	9T58K1875	\$39.00
120 x 240 Volts	12/24 Volts	0.15	8150	7	9T58K1876	\$48.50
120 x 240 Volts	12/24 Volts	0.2	8175	7	9T58K1877	\$58.50
120 x 240 Volts	12/24 Volts	0.25	8200	7	9T58K1878	\$62.50
120 x 240 Volts	12/24 Volts	0.3	8200	7	9T58K1879	\$67.00
120 x 240 Volts	12/24 Volts	0.5	10225	7	9T58K1881	\$93.00

50/60 Hz Terminal Board Connection GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts	120/240 Volts	0.5	10225	4	9T58K2930	\$104.00
240 x 480 Volts	120/240 Volts	0.75	12300	4	9T58K2931	\$133.00
240 x 480 Volts	120/240 Volts	1	14225	4	9T58K2932	\$171.00
240 x 480 Volts	120/240 Volts	1.5	14300	4	9T58K2933	\$221.00
240 x 480 Volts	120/240 Volts	2	14475	4	9T58K2934	\$285.00
240 x 480 Volts	120/240 Volts	3	14475	4	9T58K2935	\$423.00
380/400/416 Volts	115/230 Volts	0.5	10225	8	9T58K2978	\$104.00
380/400/416 Volts	115/230 Volts	0.75	12300	8	9T58K2979	\$133.00
380/400/416 Volts	115/230 Volts	1	14225	8	9T58K2980	\$171.00
380/400/416 Volts	115/230 Volts	1.5	14300	8	9T58K2981	\$221.00
380/400/416 Volts	115/230 Volts	2	14475	8	9T58K2982	\$285.00
380/400/416 Volts	115/230 Volts	3	14475	8	9T58K2983	\$423.00

50/60 Hz Leads Out Connection² GO-80

Input Voltage	Output Voltage	KVA	Frame size	Wiring Diagram No. ¹	Product Number	List Price
240 x 480 Volts	120/240 Volts	0.5	10225	4	9T58K1930	\$104.00
240 x 480 Volts	120/240 Volts	0.75	12300	4	9T58K1931	\$133.00
240 x 480 Volts	120/240 Volts	1	14225	4	9T58K1932	\$171.00
240 x 480 Volts	120/240 Volts	1.5	14300	4	9T58K1933	\$221.00
240 x 480 Volts	120/240 Volts	2	14475	4	9T58K1934	\$285.00
240 x 480 Volts	120/240 Volts	3	14475	4	9T58K1935	\$423.00
380/400/416 Volts	115/230 Volts	0.75	12300	8	9T58K1979	\$133.00
380/400/416 Volts	115/230 Volts	1	14225	8	9T58K1980	\$171.00
380/400/416 Volts	115/230 Volts	1.5	14300	8	9T58K1981	\$221.00
380/400/416 Volts	115/230 Volts	2	14475	8	9T58K1982	\$285.00

¹See page 8-67 for wiring diagrams.

²Secondary fusing not available.

50/60 Hz Universal Voltage/Multitap

Terminal Strip Connection			GO-80
KVA	Frame size	Product Number	List Price
0.25	1016	9T58K3715	\$143.55
0.35	1016	9T58K3716	\$146.00
0.5	12225	9T58K3717	\$238.60
0.75	14225	9T58K3718	\$280.90
1	14225	9T58K3719	\$302.90
1.5	14300	9T58K3720	\$309.00
2	14475	9T58K3721	\$373.00

Voltage Table

Incoming Voltage				Output Voltage		
H1 H2	H1 H3	H1 H4	H1 H5	X1 X2	X1 X3	X1 X4
208			500	85	100	110
		415		86	104	113
220	380	440	550	91	110	120
230	400	460	575	95	115	125
240	416	480	600	99	120	130

Publications and Reference: See Section 31 for a list of additional product-related publications



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Options and Fusing Guide

Encapsulated Transformer Options

Accessory Type	Fuse Type	Product Number	GO-80 List Price
Terminal Block Covers (Standard Terminal Blocks)	—	9T58E0000G35 ¹	\$2.80
Terminal Links (Standard Terminal Blocks)	—	9T58K0000G01	\$.80
Fuse Blocks Mounted on Top of Transformer	Dual 9/16" x 2" H/K Fuses	9T58K0000G05	\$9.80
Fuse Clips Mounted on Terminals	Single 1/4" x 1 1/4" Glass Fuse	9T58K0000G09 ²	\$2.05
Fuse Blocks Mounted on Top of Transformer	Single 9/16" x 2" H/K Fuses	9T58K0000G10	\$10.50
Fuse Blocks Mounted on Top of Transformer	Dual 13/32" x 1 1/2" Class CC Fuses with Single 9/16" x 2" H/K Fuse	9T58K0000G18	\$11.80
Fuse Blocks Mounted on Top of Transformer	Single 1/4" x 1 1/4" Glass Fuse	9T58K0000G24	\$4.40
Fuse Blocks Mounted on Top of Transformer	Dual 13/32" x 1 1/2" Class CC Fuses with Single 13/32" x 1 1/2" Midget Fuse	9T58K0000G38	\$14.40
Fuse Blocks Mounted on Top of Transformer	Single 13/32" x 1 1/2" Midget Fuse	9T58K0000G42	\$9.90
Fuse Blocks Mounted on Top of Transformer	Dual 13/32" x 1 1/2" Class CC Fuses with Single 1/4" x 1 1/4" Glass Fuse	9T58K0000G48	\$12.20

¹Terminal Block cover is standard on CE marked designs.

²Use G24 when the transformer is a series multiple or multitapped winding with no open terminals.

Fuse Guide

Midget Class CC Rejection Fuse

Primary Voltage	Encapsulated Transformer Continuous Power Rating (VA)								
	50	75	100	150	200	250	300	375	500
	Fuse Rating (Amperes)								
100	1.50	2.00	3.00	4.00	3.00	4.00	5.00	6.00	8.00
110	1.25	2.00	2.50	4.00	5.00	3.00	4.00	5.00	7.00
120	1.25	1.60	2.50	3.00	5.00	3.00	4.00	5.00	6.00
200	0.75	1.00	1.50	2.00	3.00	3.00	4.00	5.00	4.00
208	0.60	1.00	1.25	2.00	2.50	3.00	4.00	5.00	4.00
220	0.60	1.00	1.25	2.00	2.50	3.00	4.00	5.00	3.00
230	0.60	0.80	1.25	1.60	2.50	3.00	3.00	4.00	3.00
240	0.60	0.80	1.25	1.60	2.50	3.00	3.00	4.00	3.00
277	0.50	0.80	1.00	1.60	2.00	2.50	3.00	4.00	5.00
380	0.30	0.50	0.75	1.00	1.50	1.60	2.00	2.50	3.00
400	0.30	0.50	0.75	1.00	1.50	1.60	2.00	2.50	3.00
416	0.30	0.50	0.60	1.00	1.25	1.60	2.00	2.50	3.00
440	0.30	0.50	0.60	1.00	1.25	1.60	2.00	2.50	3.00
460	0.30	0.40	0.60	0.80	1.25	1.60	1.60	2.00	3.00
480	0.30	0.40	0.60	0.80	1.25	1.50	1.60	2.00	3.00
550	0.25	0.40	0.50	0.80	1.00	1.25	1.60	2.00	2.50
575	0.25	0.30	0.50	0.75	1.00	1.25	1.50	1.60	2.50
600	0.25	0.30	0.50	0.75	1.00	1.25	1.50	1.60	2.50

For motor control circuits fusing, refer to NEC 430-72.

Secondary Fuse Selection

Glass Fuse

Secondary Voltage	Encapsulated Transformer Continuous Power Rating (VA)													
	50	75	100	150	200	250	300	375	500	750	1000	1500	2000	3000
	Fuse Rating (Amperes)													
12	6.00	10.00	12.00	15.00	20.00	25.00	30.00	—	—	—	—	—	—	—
24	3.00	5.00	6.00	10.00	12.00	12.00	15.00	—	25.00	—	—	—	—	—
36	2.00	3.00	4.00	6.00	8.00	10.00	12.00	—	15.00	—	—	—	—	—
48	1.60	2.50	3.00	5.00	6.00	8.00	10.00	12.00	12.00	—	—	—	—	—
95	0.80	1.25	1.60	2.50	3.00	4.00	5.00	6.00	8.00	12	15	20	25	—
110	0.75	1.00	1.50	2.00	3.00	3.00	4.00	5.00	7.00	10	12	20	25	30
115	0.60	1.00	1.25	2.00	2.50	3.00	4.00	5.00	7.00	10	12	20	20	30
120	0.60	1.00	1.25	2.00	2.50	3.00	4.00	5.00	6.00	10	12	15	20	30
208	0.40	0.60	0.80	1.00	1.60	2.00	2.00	3.00	4.00	6	8	12	15	20
220	0.30	0.50	0.75	1.00	1.50	1.60	2.00	2.50	3.00	5	7	10	12	20
230	0.30	0.50	0.60	1.00	1.25	1.60	2.00	2.50	3.00	5	7	10	12	20
240	0.30	0.50	0.60	1.00	1.25	1.60	2.00	2.50	3.00	5	6	10	12	15

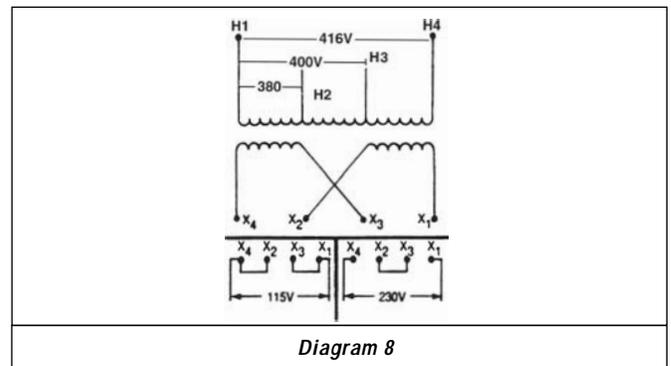
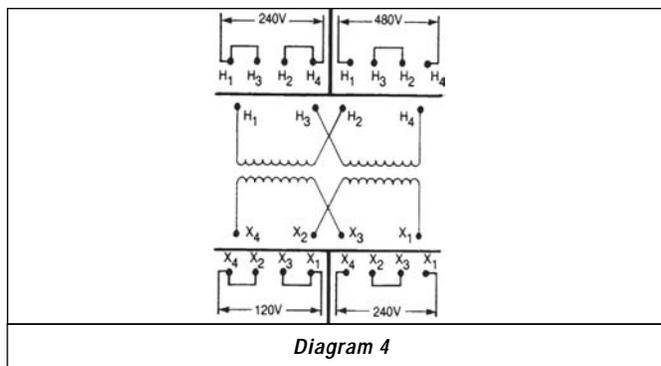
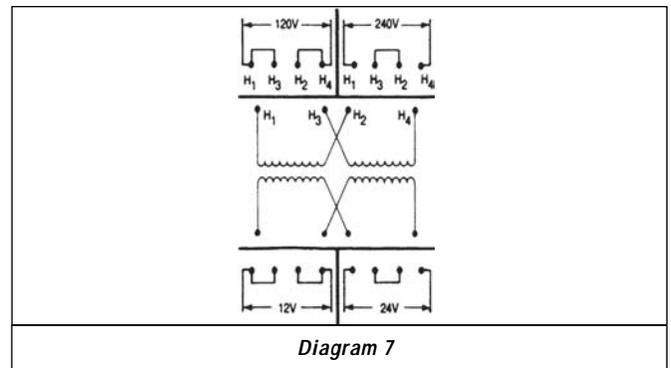
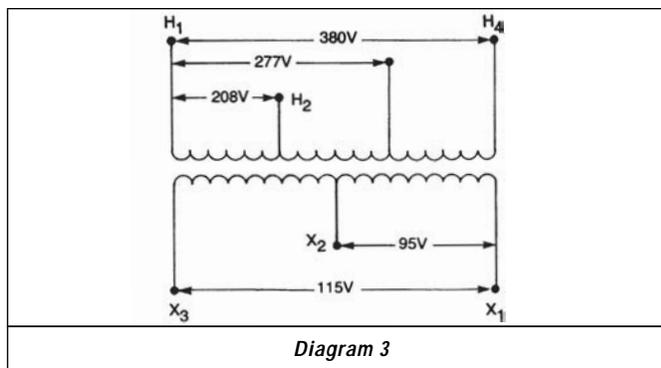
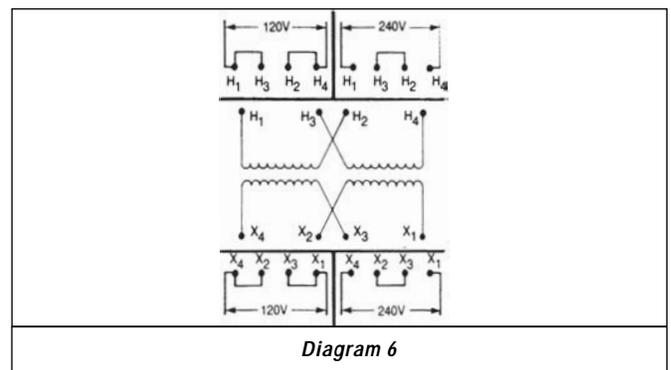
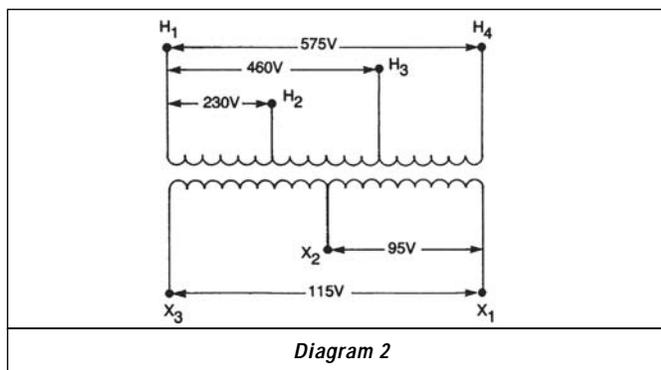
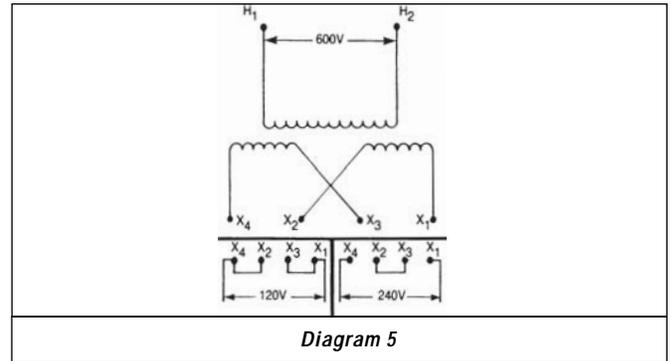
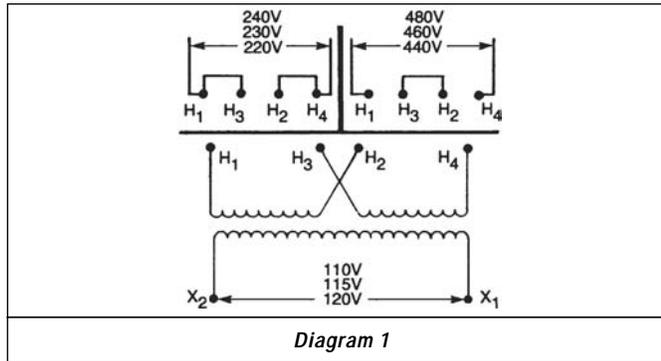
Glass Fuse H/K Fuse



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Machine Tool Applications

Control
Wiring Diagrams



Publications and Reference: See Section 21 for a list of additional product-related publications



Outlines and Dimensions

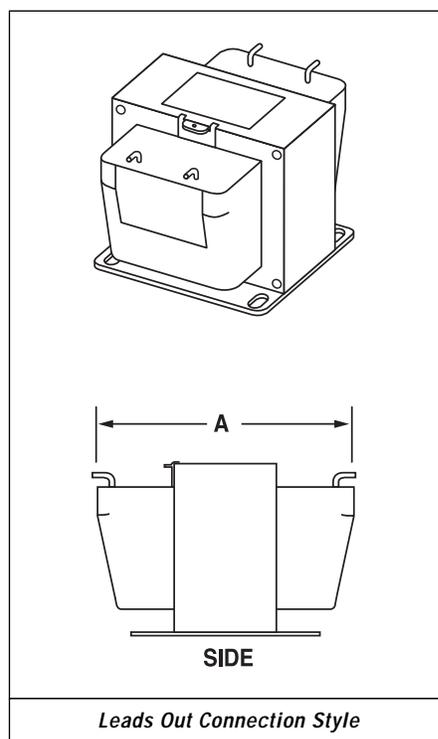
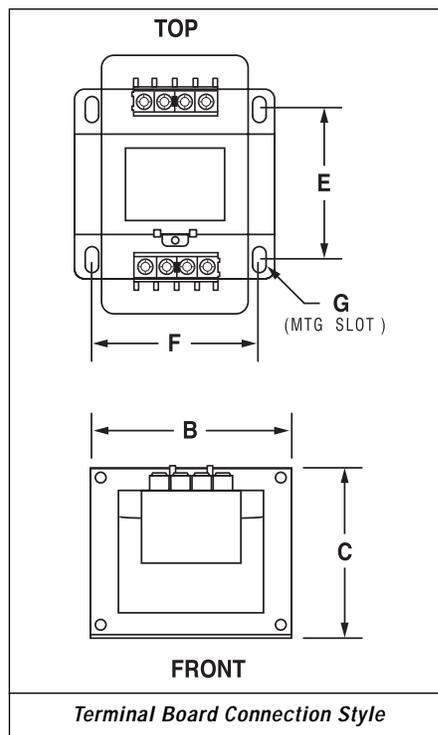
6, 8 and 10 Frame

Terminal Board Connection Style

Frame size	KVA	Approx. Net Weight (Lbs.)	A Depth (in.)	B Width (in.)	C Height (in.)	Mounting Depth E (in.)	Mounting Width F (in.)	Mounting Slot (in.)
6100	0.05	2.6	4	3.06	2.68	2.16	2.5	.219 x .750
6125	0.075	3	4.25	3.06	2.68	2.41	2.5	.219 x .750
8100	0.1	3.9	4.12	3.81	3.28	2.16	3.12	.219 x .750
8150	0.15	5.5	4.62	3.81	3.28	2.66	3.12	.219 x .750
8175	0.2	6.3	4.88	3.81	3.28	2.91	3.12	.219 x .750
8200	0.25	7	5.12	3.81	3.28	3.16	3.12	.219 x .750
8250	0.375	8.3	5.62	3.81	3.28	3.66	3.12	.219 x .750
10225	0.5	11.6	5.75	4.56	3.9	3.38	3.75	.297 x .580
12225	0.75	13	5.81	5.31	4.56	3.38	4	.297 x .580
12300	1	17.5	6.56	5.31	4.56	4.13	4	.297 x .580
14225	1.5	29	6.31	6.81	5.81	3.38	5.5	.297 x .580
14300	2	35.5	7.06	6.81	5.81	4.13	5.5	.297 x .580
14475	3	51.5	8.81	6.81	5.81	5.88	5.5	.297 x .580

Leads Out Connection Style

Frame size	KVA	Approx. Net Weight (Lbs.)	A Depth (in.)	B Width (in.)	C Height (in.)	Mounting Depth E (in.)	Mounting Width F (in.)	Mounting Slot (in.)
6100	0.05	2.6	3.25	3.06	2.68	2.16	2.5	.219 x .750
6125	0.075	3	3.5	3.06	2.68	2.41	2.5	.219 x .750
8100	0.1	3.9	3.42	3.81	3.28	2.16	3.12	.219 x .750
8150	0.15	5.5	3.92	3.81	3.28	2.66	3.12	.219 x .750
8175	0.2	6.3	4.18	3.81	3.28	2.91	3.12	.219 x .750
8200	0.25	7	4.42	3.81	3.28	3.16	3.12	.219 x .750
8200	0.3	7	4.42	3.81	3.28	3.16	3.12	.219 x .750
8250	0.375	8.3	4.92	3.81	3.28	3.66	3.12	.219 x .750
10225	0.5	11.6	5.75	4.56	3.9	3.38	3.75	.297 x .580
12225	0.75	13	5.81	5.31	4.56	3.38	4	.297 x .580
12300	1	17.5	6.56	5.31	4.56	4.13	4	.297 x .580
14225	1.5	29	6.31	6.81	5.81	3.38	5.5	.297 x .580
14300	2	35.5	7.06	6.81	5.81	4.13	5.5	.297 x .580
14475	3	51.5	8.81	6.81	5.81	5.88	5.5	.297 x .580



TRANSFORMERS

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CE-Rated

Application

The CE compliant transformer offering developed by GE is of the highest quality. This product is designed to be incorporated into equipment manufactured for sale in the European Community. This product is in conformity with the European Standard: EN 60 742, 1995 per the provisions of the Low Voltage (LV) Directive 73/23/EEC in 1973 as amended by 93/68/EEC in 1995.

The Type "IP" CE offering utilizes all copper windings, which are encapsulated in a hardened epoxy, making the winding impervious to the elements. These designs are rated at 55° C rise with a 40° C ambient. Standard on these designs are terminal board covers. These provide added protection from current carrying terminals. These designs incorporate customer friendly connection on rugged high-impact molded terminal boards.

Besides being CE rated, these designs are both UL and C-UL listed.



CE Compliant Transformer

50/60 Hz					GO-80
Input Voltage	Output Voltage	KVA	Frame size	Product Number	List Price
230/400 Volts	12/24 Volts	0.025	6100	9T58E0020	\$36.00
230/400 Volts	12/24 Volts	0.05	6150	9T58E0021	\$40.00
230/400 Volts	12/24 Volts	0.075	8100	9T58E0023	\$46.00
230/400 Volts	12/24 Volts	0.1	8150	9T58E0024	\$49.00
230/400 Volts	12/24 Volts	0.15	8200	9T58E0025	\$61.00
230/400 Volts	12/24 Volts	0.2	10225	9T58E0026	\$81.00
230/400 Volts	12/24 Volts	0.25	10225	9T58E0027	\$91.00
230/400 Volts	12/24 Volts	0.3	10225	9T58E0028	\$100.00
230/400 Volts	12/24 Volts	0.375	12225	9T58E0029	\$114.00
230/400 Volts	24/48 Volts	0.025	6100	9T58E0060	\$36.00
230/400 Volts	24/48 Volts	0.05	6150	9T58E0061	\$40.00
230/400 Volts	24/48 Volts	0.075	8100	9T58E0063	\$46.00
230/400 Volts	24/48 Volts	0.1	8150	9T58E0064	\$49.00
230/400 Volts	24/48 Volts	0.15	8200	9T58E0065	\$61.00
230/400 Volts	24/48 Volts	0.2	10225	9T58E0066	\$81.00
230/400 Volts	24/48 Volts	0.25	10225	9T58E0067	\$91.00
230/400 Volts	24/48 Volts	0.3	10225	9T58E0068	\$100.00
230/400 Volts	24/48 Volts	0.375	12225	9T58E0069	\$114.00
230/400 Volts	24/48 Volts	0.5	12300	9T58E0071	\$139.00
230/400 Volts	24/48 Volts	0.75	14225	9T58E0073	\$189.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.025	6100	9T58E0150	\$36.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.05	6150	9T58E0151	\$40.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.075	8100	9T58E0153	\$46.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.1	8150	9T58E0154	\$49.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.15	8200	9T58E0155	\$61.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.2	10225	9T58E0156	\$81.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.25	10225	9T58E0157	\$91.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.3	10225	9T58E0158	\$100.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.375	12225	9T58E0159	\$114.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.5	12300	9T58E0161	\$139.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.75	14225	9T58E0163	\$189.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.1	14300	9T58E0164	\$196.00
220/380, 230/400, 240/415 Volts	110/220, 115/230, 120/240 Volts	0.15	14475	9T58E0165	\$253.00

Factory- or Field-Installed Options

Available as an option are two fuse blocks that have fuse covers that provide the touch safety like the terminal blocks. These can be ordered factory-installed or as kits.

In kit form order:

Fuse block for 2 class CC fuses is 9T58E0000G46, **List Price, \$28.00, GO-80.** Fuse block for 2 class CC and 1 Midget fuse is 9T58E0000G47, **List Price, \$42.00, GO-80.**

For factory installation add the G46 or G47 suffix to the transformer product number (example 9T58E0020G47).

Publications and Reference: See Section 21 for a list of additional product-related publications



