



3 to 990 KVA

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Products

- *Three-Phase Encapsulated: 3 KVA through 11 KVA**
- *Three-Phase Ventilated: 14 KVA through 990 KVA**

Applications

- *For industrial and commercial applications with SCR-controlled adjustable speed motor drives, and AC adjustable frequency or DC drives*

Specifications

- *Complete KVA range to cover all standard drive systems*
- *Cores of high quality electrical steel*
- *NEMA 3R-rated enclosures standard on 3 KVA through 11 KVA units*
- *NEMA 1-rated enclosures standard on 14 KVA through 990 KVA units*
- *3 KVA through 11 KVA, 135°C temperature rise*
- *14 KVA through 990 KVA, 150°C temperature rise on 220°C insulation class units*
- *150°C temperature rise standard on 220°C insulation class units*
- *Heat-cured ASA-61 gray powder coat finish*

Features, Functions, Benefits

- *Large connection compartment for ease of wiring and installation*
- *Internally braced for short circuit stress protection*
- *Low impedance for better voltage regulation*
- *Low flux density to minimize core saturation*
- *Tap arrangements provided to compensate for input voltage variation*
- *Quiet operation for installation flexibility*

Standards

- *Built in accordance with NEMA, ANSI, UL and CSA standards*

*Options and Accessories

- *CE Marked units available as custom*
- *80°C and 115°C temperature rise available*
- *Wall mount brackets available on units up to 75 KVA and 150°C temperature rise*
- *Weathershields available on units 14 KVA through 990 KVA*
- *Copper windings available*

Drive Isolation

Designed for use with motor drives, the drive isolation transformer must isolate the motor from the line and handle the added loads of the drive-created harmonics. Jefferson Electric drive isolation transformers are custom engineered for both AC adjustable frequency and DC motor drives. They are specifically designed to accommodate the electrical and mechanical stresses, regenerative current reversals and frequent short circuits inherent in severe drive duty cycles.

Drive Selector Chart

To determine the proper size drive isolation transformer, locate the HP of the motors to be operated in the left hand column. The corresponding figure in the right hand column is the recommended transformer KVA. Use the selection table to determine the drive isolation transformer catalog number.

| SELECTOR CHART | |
|----------------|-----|
| HP | KVA |
| 2 | 3 |
| 3 | 6 |
| 5 | 7.5 |
| 7.5 | 11 |
| 10 | 14 |
| 15 | 20 |
| 20 | 27 |
| 25 | 34 |
| 30 | 40 |
| 40 | 51 |
| 50 | 63 |
| 60 | 75 |
| 75 | 93 |
| 100 | 118 |
| 125 | 145 |
| 150 | 175 |
| 200 | 220 |
| 250 | 275 |
| 300 | 330 |
| 400 | 440 |
| 500 | 550 |

Drive Isolation (DIT) 230 Volt Primary

| KVA | Catalog Number | Fig | Height A (in.) | Width B (in.) | Depth C (in.) | Est. Ship Wgt. (lbs) | Wiring Diagram | Weather Shield Kit |
|---|----------------|-----|----------------|---------------|---------------|----------------------|----------------|--------------------|
| Primary 230 V Delta (Secondary 230Y/133) Taps: 1@ 5%FCAN, 1@ 5% FCBN | | | | | | | | |
| 3 | 413-6ACC-000 | 4 | 13 | 15 | 8.06 | 82 | DIT-CC | N/A |
| 6 | 413-6BCC-000 | 4 | 13 | 15 | 8.06 | 119 | DIT-CC | N/A |
| 7.5 | 413-6CCC-000 | 4 | 15 | 19 | 9.06 | 157 | DIT-CC | N/A |
| 11 | 413-6DCC-000 | 4 | 15 | 19 | 9.06 | 228 | DIT-CC | N/A |
| 14 | 423-6ECC-000 | 7 | 22 | 19 | 16 | 255 | DIT-CC | 423-0007-019 |
| 20 | 423-6FCC-000 | 7 | 22 | 19 | 16 | 255 | DIT-CC | 423-0007-019 |
| 27 | 423-6GCC-000 | 7 | 25 | 22 | 17 | 295 | DIT-CC | 423-0007-022 |
| 34 | 423-6HCC-000 | 7 | 25 | 22 | 17 | 295 | DIT-CC | 423-0007-022 |
| 40 | 423-6JCC-000 | 7 | 28 | 25 | 19 | 350 | DIT-CC | 423-0007-025 |
| 51 | 423-6KCC-000 | 7 | 28 | 25 | 19 | 350 | DIT-CC | 423-0007-025 |
| 63 | 423-6LCC-000 | 7 | 32 | 27 | 21 | 535 | DIT-CC | 423-0007-027 |
| 75 | 423-6MCC-000 | 7 | 32 | 27 | 21 | 535 | DIT-CC | 423-0007-027 |
| 93 | 423-6NCC-000 | 7 | 38 | 29 | 23 | 675 | DIT-CC | 423-0007-029 |
| 118 | 423-6PCC-000 | 7 | 38 | 29 | 23 | 835 | DIT-CC | 423-0007-029 |
| 145 | 423-6RCC-000 | 7 | 42 | 33 | 26 | 980 | DIT-CC | 423-0007-033 |
| 175 | 423-6SCC-000 | 7 | 46 | 35 | 30 | 1200 | DIT-CC | 423-0007-035 |
| 220 | 423-6TCC-000 | 7 | 46 | 35 | 30 | 1380 | DIT-CC | 423-0007-035 |
| 275 | 423-6UCC-000 | 7 | 46 | 35 | 30 | 1590 | DIT-CC | 423-0007-035 |
| 330 | 423-6VCC-000 | 7 | 60 | 48 | 33 | 1680 | DIT-CC | 423-0007-048 |
| 440 | 423-6WCC-000 | 7 | 60 | 48 | 33 | 2030 | DIT-CC | 423-0007-048 |
| 550 | 423-6XCC-000 | 7 | 60 | 48 | 33 | 2530 | DIT-CC | 423-0007-048 |

| Primary 230 V Delta (Secondary 460Y/266) Taps: 1@ 5%FCAN, 1@ 5% FCBN | | | | | | | | |
|---|--------------|---|----|----|------|------|--------|--------------|
| 3 | 413-6ACG-000 | 4 | 13 | 15 | 8.06 | 82 | DIT-CG | N/A |
| 6 | 413-6BCG-000 | 4 | 13 | 15 | 8.06 | 119 | DIT-CG | N/A |
| 7.5 | 413-6CCG-000 | 4 | 15 | 19 | 9.06 | 157 | DIT-CG | N/A |
| 11 | 413-6DCG-000 | 4 | 15 | 19 | 9.06 | 228 | DIT-CG | N/A |
| 14 | 423-6ECG-000 | 7 | 22 | 19 | 16 | 255 | DIT-CG | 423-0007-019 |
| 20 | 423-6FCG-000 | 7 | 22 | 19 | 16 | 255 | DIT-CG | 423-0007-019 |
| 27 | 423-6GCG-000 | 7 | 25 | 22 | 17 | 295 | DIT-CG | 423-0007-022 |
| 34 | 423-6HCG-000 | 7 | 25 | 22 | 17 | 295 | DIT-CG | 423-0007-022 |
| 40 | 423-6JCG-000 | 7 | 28 | 25 | 19 | 350 | DIT-CG | 423-0007-025 |
| 51 | 423-6KCG-000 | 7 | 28 | 25 | 19 | 350 | DIT-CG | 423-0007-025 |
| 63 | 423-6LCG-000 | 7 | 32 | 27 | 21 | 445 | DIT-CG | 423-0007-027 |
| 75 | 423-6MCG-000 | 7 | 32 | 27 | 21 | 535 | DIT-CG | 423-0007-027 |
| 93 | 423-6NCG-000 | 7 | 38 | 29 | 23 | 675 | DIT-CG | 423-0007-029 |
| 118 | 423-6PCG-000 | 7 | 38 | 29 | 23 | 835 | DIT-CG | 423-0007-029 |
| 145 | 423-6RCG-000 | 7 | 42 | 33 | 26 | 980 | DIT-CG | 423-0007-033 |
| 175 | 423-6SCG-000 | 7 | 46 | 35 | 30 | 1200 | DIT-CG | 423-0007-035 |
| 220 | 423-6TCG-000 | 7 | 46 | 35 | 30 | 1380 | DIT-CG | 423-0007-035 |
| 275 | 423-6UCG-000 | 7 | 46 | 35 | 30 | 1590 | DIT-CG | 423-0007-035 |
| 330 | 423-6VCG-000 | 7 | 60 | 48 | 33 | 1680 | DIT-CG | 423-0007-048 |
| 440 | 423-6WCG-000 | 7 | 60 | 48 | 33 | 2030 | DIT-CG | 423-0007-048 |
| 550 | 423-6XCG-000 | 7 | 60 | 48 | 33 | 2530 | DIT-CG | 423-0007-048 |

** For 551-990 kVA please call factory. **

Drive Isolation

Drive Isolation (DIT) 460 Volt Primary

| KVA | Catalog Number | Fig | Height A (in.) | Width B (in.) | Depth C (in.) | Est. Ship Wgt. (lbs) | Wiring Diagram | Weather Shield Kit |
|---|----------------|-----|----------------|---------------|---------------|----------------------|----------------|--------------------|
| Primary 460 V Delta (Secondary 230Y/133) Taps: 1@ 5%FCAN, 1@ 5% FCBN | | | | | | | | |
| 3 | 413-6AGC-000 | 4 | 13 | 15 | 8.06 | 82 | DIT-GC | N/A |
| 6 | 413-6BGC-000 | 4 | 13 | 15 | 8.06 | 119 | DIT-GC | N/A |
| 7.5 | 413-6CGC-000 | 4 | 15 | 19 | 9.06 | 157 | DIT-GC | N/A |
| 11 | 413-6DGC-000 | 4 | 15 | 19 | 9.06 | 228 | DIT-GC | N/A |
| 14 | 423-6EGC-000 | 7 | 22 | 19 | 16 | 255 | DIT-GC | 423-0007-019 |
| 20 | 423-6FGC-000 | 7 | 22 | 19 | 16 | 255 | DIT-GC | 423-0007-019 |
| 27 | 423-6GGC-000 | 7 | 25 | 22 | 17 | 295 | DIT-GC | 423-0007-022 |
| 34 | 423-6HGC-000 | 7 | 25 | 22 | 17 | 295 | DIT-GC | 423-0007-022 |
| 40 | 423-6JGC-000 | 7 | 28 | 25 | 19 | 350 | DIT-GC | 423-0007-025 |
| 51 | 423-6KGC-000 | 7 | 28 | 25 | 19 | 350 | DIT-GC | 423-0007-025 |
| 63 | 423-6LGC-000 | 7 | 32 | 27 | 21 | 535 | DIT-GC | 423-0007-027 |
| 75 | 423-6MGC-000 | 7 | 32 | 27 | 21 | 535 | DIT-GC | 423-0007-027 |
| 93 | 423-6NGC-000 | 7 | 38 | 29 | 23 | 675 | DIT-GC | 423-0007-029 |
| 118 | 423-6PGC-000 | 7 | 38 | 29 | 23 | 835 | DIT-GC | 423-0007-029 |
| 145 | 423-6RGC-000 | 7 | 42 | 33 | 26 | 980 | DIT-GC | 423-0007-033 |
| 175 | 423-6SGC-000 | 7 | 46 | 35 | 30 | 1200 | DIT-GC | 423-0007-035 |
| 220 | 423-6TGC-000 | 7 | 46 | 35 | 30 | 1380 | DIT-GC | 423-0007-035 |
| 275 | 423-6UGC-000 | 7 | 46 | 35 | 30 | 1590 | DIT-GC | 423-0007-035 |
| 330 | 423-6VGC-000 | 7 | 60 | 48 | 33 | 1680 | DIT-GC | 423-0007-048 |
| 440 | 423-6WGC-000 | 7 | 60 | 48 | 33 | 2030 | DIT-GC | 423-0007-048 |
| 550 | 423-6XGC-000 | 7 | 60 | 48 | 33 | 2530 | DIT-GC | 423-0007-048 |

Primary 460 V Delta (Secondary 460Y/266) Taps: 1@ 5%FCAN, 1@ 5% FCBN

| | | | | | | | | |
|-----|--------------|---|----|----|------|------|--------|--------------|
| 3 | 413-6AGG-000 | 4 | 13 | 15 | 8.06 | 82 | DIT-GG | N/A |
| 6 | 413-6BGG-000 | 4 | 13 | 15 | 8.06 | 119 | DIT-GG | N/A |
| 7.5 | 413-6CGG-000 | 4 | 15 | 19 | 9.06 | 157 | DIT-GG | N/A |
| 11 | 413-6DGG-000 | 4 | 15 | 19 | 9.06 | 228 | DIT-GG | N/A |
| 14 | 423-6EGG-000 | 7 | 22 | 19 | 16 | 255 | DIT-GG | 423-0007-019 |
| 20 | 423-6FGG-000 | 7 | 22 | 19 | 16 | 255 | DIT-GG | 423-0007-019 |
| 27 | 423-6GGG-000 | 7 | 25 | 22 | 17 | 295 | DIT-GG | 423-0007-022 |
| 34 | 423-6HGG-000 | 7 | 25 | 22 | 17 | 295 | DIT-GG | 423-0007-022 |
| 40 | 423-6JGG-000 | 7 | 28 | 25 | 19 | 350 | DIT-GG | 423-0007-025 |
| 51 | 423-6KGG-000 | 7 | 28 | 25 | 19 | 350 | DIT-GG | 423-0007-025 |
| 63 | 423-6LGG-000 | 7 | 32 | 27 | 21 | 535 | DIT-GG | 423-0007-027 |
| 75 | 423-6MGG-000 | 7 | 32 | 27 | 21 | 535 | DIT-GG | 423-0007-027 |
| 93 | 423-6NGG-000 | 7 | 38 | 29 | 23 | 675 | DIT-GG | 423-0007-029 |
| 118 | 423-6PGG-000 | 7 | 38 | 29 | 23 | 835 | DIT-GG | 423-0007-029 |
| 145 | 423-6RGG-000 | 7 | 42 | 33 | 26 | 980 | DIT-GG | 423-0007-033 |
| 175 | 423-6SGG-000 | 7 | 46 | 35 | 30 | 1200 | DIT-GG | 423-0007-035 |
| 220 | 423-6TGG-000 | 7 | 46 | 35 | 30 | 1380 | DIT-GG | 423-0007-035 |
| 275 | 423-6UGG-000 | 7 | 46 | 35 | 30 | 1590 | DIT-GG | 423-0007-035 |
| 330 | 423-6VGG-000 | 7 | 60 | 48 | 33 | 1680 | DIT-GG | 423-0007-048 |
| 440 | 423-6WGG-000 | 7 | 60 | 48 | 33 | 2030 | DIT-GG | 423-0007-048 |
| 550 | 423-6XGG-000 | 7 | 60 | 48 | 33 | 2530 | DIT-GG | 423-0007-048 |

** For 551-990 kVA please call factory. **

Drive Isolation (DIT) 575 Volt Primary

| KVA | Catalog Number | Fig | Height A (in.) | Width B (in.) | Depth C (in.) | Est. Ship Wgt. (lbs) | Wiring Diagram | Weather Shield Kit |
|---|----------------|-----|----------------|---------------|---------------|----------------------|----------------|--------------------|
| Primary 575 V Delta (Secondary 230Y/133) Taps: 1@ 5%FCAN, 1@ 5% FCBN | | | | | | | | |
| 3 | 413-6ALC-000 | 4 | 13 | 15 | 8.06 | 82 | DIT-LC | N/A |
| 6 | 413-6BLC-000 | 4 | 13 | 15 | 8.06 | 119 | DIT-LC | N/A |
| 7.5 | 413-6CLC-000 | 4 | 15 | 19 | 9.06 | 157 | DIT-LC | N/A |
| 11 | 413-6DLC-000 | 4 | 15 | 19 | 9.06 | 228 | DIT-LC | N/A |
| 14 | 423-6ELC-000 | 7 | 22 | 19 | 16 | 255 | DIT-LC | 423-0007-019 |
| 20 | 423-6FLC-000 | 7 | 22 | 19 | 16 | 255 | DIT-LC | 423-0007-019 |
| 27 | 423-6GLC-000 | 7 | 25 | 22 | 17 | 295 | DIT-LC | 423-0007-022 |
| 34 | 423-6HLC-000 | 7 | 25 | 22 | 17 | 295 | DIT-LC | 423-0007-022 |
| 40 | 423-6JLC-000 | 7 | 28 | 25 | 19 | 350 | DIT-LC | 423-0007-025 |
| 51 | 423-6KLC-000 | 7 | 28 | 25 | 19 | 350 | DIT-LC | 423-0007-025 |
| 63 | 423-6LLC-000 | 7 | 32 | 27 | 21 | 535 | DIT-LC | 423-0007-027 |
| 75 | 423-6MLC-000 | 7 | 32 | 27 | 21 | 535 | DIT-LC | 423-0007-027 |
| 93 | 423-6NLC-000 | 7 | 38 | 29 | 23 | 675 | DIT-LC | 423-0007-029 |
| 118 | 423-6PLC-000 | 7 | 38 | 29 | 23 | 835 | DIT-LC | 423-0007-029 |
| 145 | 423-6RLC-000 | 7 | 42 | 33 | 26 | 980 | DIT-LC | 423-0007-033 |
| 175 | 423-6SLC-000 | 7 | 46 | 35 | 30 | 1200 | DIT-LC | 423-0007-035 |
| 220 | 423-6TLC-000 | 7 | 46 | 35 | 30 | 1380 | DIT-LC | 423-0007-035 |
| 275 | 423-6ULC-000 | 7 | 46 | 35 | 30 | 1590 | DIT-LC | 423-0007-035 |
| 330 | 423-6VLC-000 | 7 | 60 | 48 | 33 | 1680 | DIT-LC | 423-0007-048 |
| 440 | 423-6WLC-000 | 7 | 60 | 48 | 33 | 2030 | DIT-LC | 423-0007-048 |
| 550 | 423-6XLC-000 | 7 | 60 | 48 | 33 | 2530 | DIT-LC | 423-0007-048 |

Primary 575 V Delta (Secondary 460Y/266) Taps: 1@ 5%FCAN, 1@ 5% FCBN

| | | | | | | | | |
|-----|--------------|---|----|----|------|------|--------|--------------|
| 3 | 413-6ALG-000 | 4 | 13 | 15 | 8.06 | 82 | DIT-LG | N/A |
| 6 | 413-6BLG-000 | 4 | 13 | 15 | 8.06 | 119 | DIT-LG | N/A |
| 7.5 | 413-6CLG-000 | 4 | 15 | 19 | 9.06 | 157 | DIT-LG | N/A |
| 11 | 413-6DLG-000 | 4 | 15 | 19 | 9.06 | 228 | DIT-LG | N/A |
| 14 | 423-6ELG-000 | 7 | 22 | 19 | 16 | 255 | DIT-LG | 423-0007-019 |
| 20 | 423-6FLG-000 | 7 | 22 | 19 | 16 | 255 | DIT-LG | 423-0007-019 |
| 27 | 423-6GLG-000 | 7 | 25 | 22 | 17 | 295 | DIT-LG | 423-0007-022 |
| 34 | 423-6HLG-000 | 7 | 25 | 22 | 17 | 295 | DIT-LG | 423-0007-022 |
| 40 | 423-6JLG-000 | 7 | 28 | 25 | 19 | 350 | DIT-LG | 423-0007-025 |
| 51 | 423-6KLG-000 | 7 | 28 | 25 | 19 | 350 | DIT-LG | 423-0007-025 |
| 63 | 423-6LLG-000 | 7 | 32 | 27 | 21 | 535 | DIT-LG | 423-0007-027 |
| 75 | 423-6MLG-000 | 7 | 32 | 27 | 21 | 535 | DIT-LG | 423-0007-027 |
| 93 | 423-6NLG-000 | 7 | 38 | 29 | 23 | 675 | DIT-LG | 423-0007-029 |
| 118 | 423-6PLG-000 | 7 | 38 | 29 | 23 | 835 | DIT-LG | 423-0007-029 |
| 145 | 423-6RLG-000 | 7 | 42 | 33 | 26 | 980 | DIT-LG | 423-0007-033 |
| 175 | 423-6SLG-000 | 7 | 46 | 35 | 30 | 1200 | DIT-LG | 423-0007-035 |
| 220 | 423-6TLG-000 | 7 | 46 | 35 | 30 | 1380 | DIT-LG | 423-0007-035 |
| 275 | 423-6ULG-000 | 7 | 46 | 35 | 30 | 1590 | DIT-LG | 423-0007-035 |
| 330 | 423-6VLG-000 | 7 | 60 | 48 | 33 | 1680 | DIT-LG | 423-0007-048 |
| 440 | 423-6WLG-000 | 7 | 60 | 48 | 33 | 2030 | DIT-LG | 423-0007-048 |
| 550 | 423-6XLG-000 | 7 | 60 | 48 | 33 | 2530 | DIT-LG | 423-0007-048 |

** For 551-990 kVA please call factory. **

Figure 4

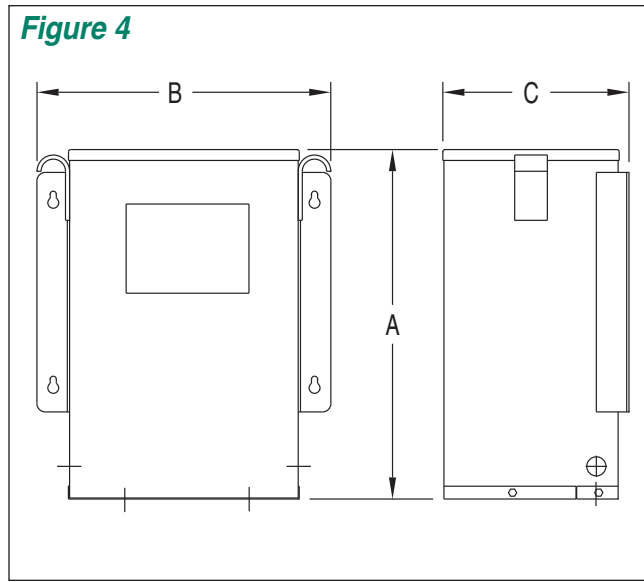
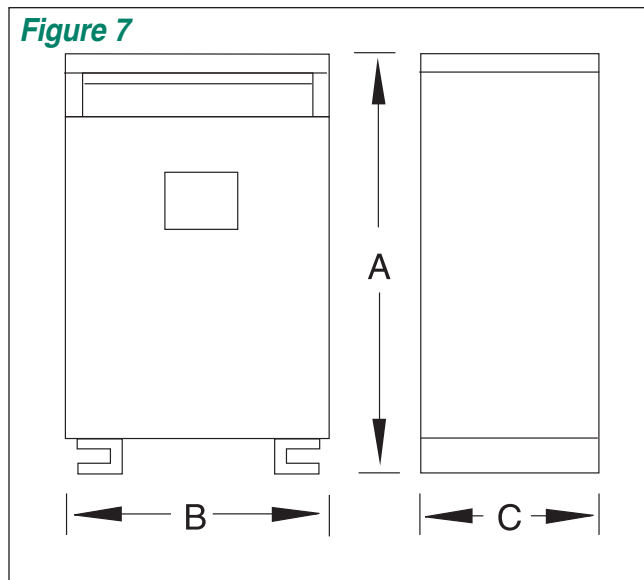


Figure 7



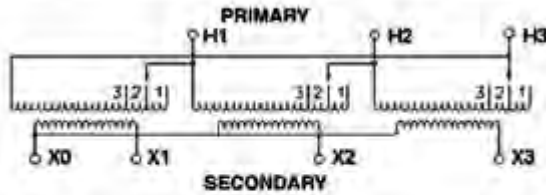
7

Drive Isolation

DITCC Wiring Diagram & Connections

Wiring Diagram

Primary: 230 Secondary: 230Y/133 Volts



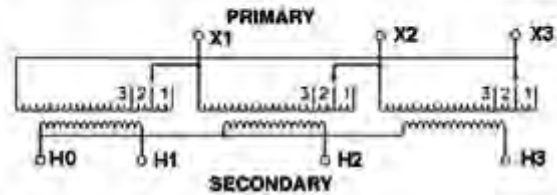
Connections

| Primary Volts | On Each Coil Jumper Taps To | Primary Lines Connect To |
|---------------|-------------------------------|--------------------------|
| 242 | 1 | H1, H2, H3 |
| 230 | 2 | H1, H2, H3 |
| 218 | 3 | H1, H2, H3 |
| Sec. Volts | Secondary Lines Connect To | |
| 230 | X1, X2, X3 | |
| 133 | Between X0 and X1 or X2 or X3 | |
| 1 Phase | | |

DITCG Wiring Diagram & Connections

Wiring Diagram

Primary: 230 Secondary: 460Y/266 Volts



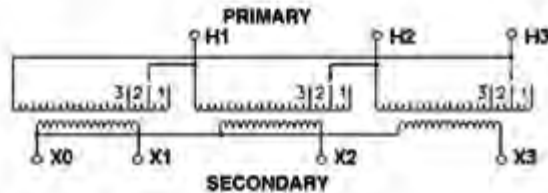
Connections

| Primary Volts | On Each Coil Jumper Taps To | Primary Lines Connect To |
|---------------|-------------------------------|--------------------------|
| 242 | 1 | X1, X2, X3 |
| 230 | 2 | X1, X2, X3 |
| 218 | 3 | X1, X2, X3 |
| Sec. Volts | Secondary Lines Connect To | |
| 460 | H1, H2, H3 | |
| 266 | Between H0 and H1 or H2 or H3 | |
| 1 Phase | | |

DITGC Wiring Diagram & Connections

Wiring Diagram

Primary: 460 Secondary: 230Y/133 Volts



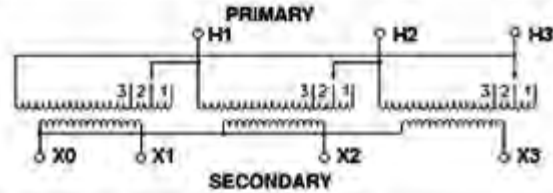
Connections

| Primary Volts | On Each Coil Jumper Taps To | Primary Lines Connect To |
|---------------|-------------------------------|--------------------------|
| 483 | 1 | H1, H2, H3 |
| 460 | 2 | H1, H2, H3 |
| 437 | 3 | H1, H2, H3 |
| Sec. Volts | Secondary Lines Connect To | |
| 230 | X1, X2, X3 | |
| 133 | Between X0 and X1 or X2 or X3 | |
| 1 Phase | | |

DITGG Wiring Diagram & Connections

Wiring Diagram

Primary: 460 Secondary: 460Y/266 Volts



Connections

| Primary Volts | On Each Coil Jumper Taps To | Primary Lines Connect To |
|---------------|-------------------------------|--------------------------|
| 483 | 1 | H1, H2, H3 |
| 460 | 2 | H1, H2, H3 |
| 437 | 3 | H1, H2, H3 |
| Sec. Volts | Secondary Lines Connect To | |
| 460 | X1, X2, X3 | |
| 266 | Between X0 and X1 or X2 or X3 | |
| | | |

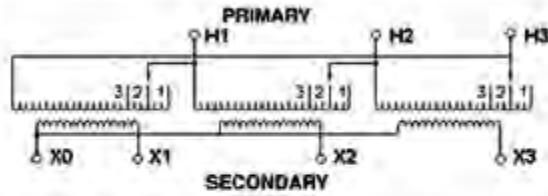
NOTE: Electrostatic shields are optionally available and not shown in all wiring diagrams. * Insulate unused taps individually.

Drive Isolation

DIT LC Wiring Diagram & Connections

Wiring Diagram

Primary: 575 Secondary: 230Y/133 Volts



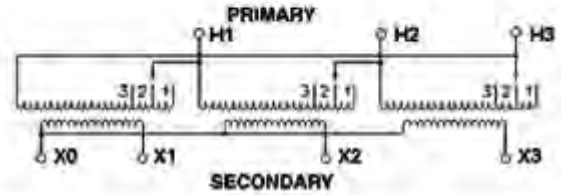
Connections

| Primary Volts | On Each Coil Jumper Taps To | Primary Lines Connect To |
|---------------|-------------------------------|--------------------------|
| 604 | 1 | H1, H2, H3 |
| 575 | 2 | H1, H2, H3 |
| 546 | 3 | H1, H2, H3 |
| Sec. Volts | Secondary Lines Connect To | |
| 230 | X1, X2, X3 | |
| 133 | Between X0 and X1 or X2 or X3 | |

DIT LG Wiring Diagram & Connections

Wiring Diagram

Primary: 575 Secondary: 460Y/266 Volts



Connections

| Primary Volts | On Each Coil Jumper Taps To | Primary Lines Connect To |
|---------------|-------------------------------|--------------------------|
| 604 | 1 | H1, H2, H3 |
| 575 | 2 | H1, H2, H3 |
| 546 | 3 | H1, H2, H3 |
| Sec. Volts | Secondary Lines Connect To | |
| 460 | X1, X2, X3 | |
| 266 | Between X0 and X1 or X2 or X3 | |

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Drive Isolation

Notes: