

Wiring Diagrams

Sections I, II, III & IV

1 PRIMARY: 240 X 480
SECONDARY: 120/240
TAPS: None

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 480 | H1-H4 | H2 to H3 | |
| 240 | H1-H3 & H2-H4 | | |

| Secondary Volts | | | |
|-----------------|--|----------------------|----------|
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

2 PRIMARY: 240 X 480
SECONDARY: 120/240
TAPS: None

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 480 | H1-H4 | H2 to H3 | |
| 240 | H1-H3 & H2-H4 | | |

| Secondary Volts | | | |
|-----------------|--|----------------------|----------|
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

3 PRIMARY: 240 X 480
SECONDARY: 120/240
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|----------------------|----------------------------|
| 252 | H1-H8 | H1 to H5 H4 to H8 | |
| 240 | H1-H7 | H1 to H5 H3 to H7 | |
| 228 | H1-H6 | H1 to H5 H2 to H6 | |
| 504 | H1-H8 | H4 to H5 | |
| 492 | H1-H8 | H3 to H5 | |
| 480 | H1-H7 | H3 to H5 | |
| 468 | H1-H7 | H2 to H5 | |
| 456 | H1-H6 | H2 to H5 | |

| Secondary Volts | | | |
|-----------------|--|----------------------|----------|
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

4 PRIMARY: 240 X 480
SECONDARY: 120/240
2, 2 1/2% ANFC, 4, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|-----------------------|----------------------------|
| 216 | H1-H10 | H1 to H9 H10 to H2 | |
| 228 | H1-H10 | H1 to H8 H10 to H3 | |
| 240 | H1-H10 | H1 to H7 H10 to H4 | |
| 252 | H1-H10 | H1 to H6 H10 to H5 | |
| 432 | H1-H10 | H2 to H9 | |
| 444 | H1-H10 | H3 to H9 | |
| 456 | H1-H10 | H3 to H8 | |
| 468 | H1-H10 | H4 to H8 | |
| 480 | H1-H10 | H4 to H7 | |
| 492 | H1-H10 | H5 to H7 | |
| 504 | H1-H10 | H5 to H6 | |

| Secondary Volts | | | |
|-----------------|--|----------------------|----------|
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X3-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

5 PRIMARY: 240 X 480
SECONDARY: 120/240
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|-----------------------|----------------------------|
| 216 | H1-H4 | H1, H3, 8 & H2, H4, 1 | |
| 228 | H1-H4 | H1, H3, 7 & H2, H4, 2 | |
| 240 | H1-H4 | H1, H3, 6 & H2, H4, 3 | |
| 252 | H1-H4 | H1, H3, 5 & H2, H4, 4 | |
| 432 | H1-H4 | H2, 1 & H3, 8 | |
| 444 | H1-H4 | H2, 2 & H3, 8 | |
| 456 | H1-H4 | H2, 2 & H3, 7 | |
| 468 | H1-H4 | H2, 3 & H3, 7 | |
| 480 | H1-H4 | H2, 3 & H3, 6 | |
| 492 | H1-H4 | H2, 4 & H3, 6 | |
| 504 | H1-H4 | H2, 4 & H3, 5 | |

| Secondary Volts | | | |
|-----------------|--|----------------------|----------|
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

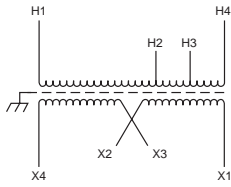
6 PRIMARY: 208
SECONDARY: 120/240
TAPS: 2, 5% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 208 | H1 & H4 | | |
| 198 | H1 & H3 | | |
| 187 | H1 & H2 | | |

| Secondary Volts | | | |
|-----------------|--|----------------------|----------|
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

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PRIMARY: 277
SECONDARY: 120/240
TAPS: 2, 5% BNFC



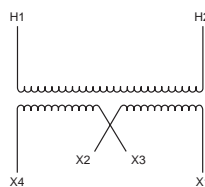
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 277 | H1 & H4 | | |
| 263 | H1 & H3 | | |
| 250 | H1 & H2 | | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

8

PRIMARY: 600
SECONDARY: 120/240
TAPS: None



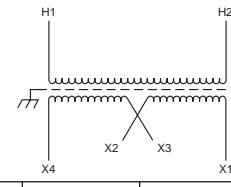
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 600 | H1-H2 | | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

9

PRIMARY: 600
SECONDARY: 120/240
TAPS: None



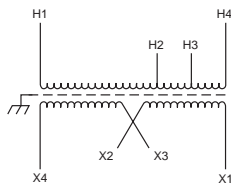
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 600 | H1-H2 | | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

10

PRIMARY: 600
SECONDARY: 120/240
TAPS: 2, 5% BNFC



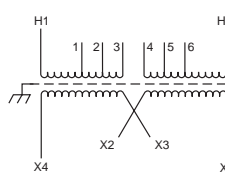
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 600 | H1-H4 | | |
| 570 | H1-H3 | | |
| 540 | H1-H2 | | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

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PRIMARY: 600
SECONDARY: 120/240
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



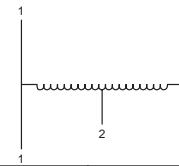
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 540 | H1-H2 | 1-6 | |
| 555 | H1-H2 | 1-5 | |
| 570 | H1-H2 | 2-6 | |
| 585 | H1-H2 | 2-5 | |
| 600 | H1-H2 | 3-5 | |
| 615 | H1-H2 | 2-4 | |
| 635 | H1-H2 | 3-4 | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

12

PRIMARY: 240
SECONDARY: 120/240
TAPS: None



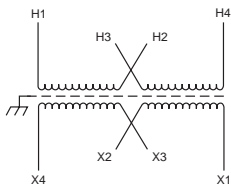
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 240 | 1-3 | | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|---------------|----------------------------|
| 240 | | 1-3 |
| 120 | | 1-2 or 2-3 |
| 120/240 | | 1-2-3 |

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PRIMARY: 120 x 240
SECONDARY: 120/240
TAPS: None



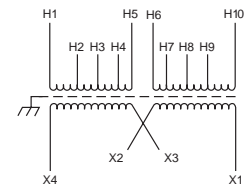
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 240 | H1-H4 | H2 to H3 | |
| 120 | H1-H3 & H2-H4 | | |

Secondary Volts

| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

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EXPORT MODEL
PRIMARY: 190-220 x 380-440
SECONDARY: 120/240

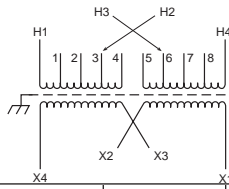


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|-----------------------|----------------------------|
| 190 | H1 & H7 | H1 to H6 H2 to H7 | |
| 200 | H1 & H8 | H1 to H6 H3 to H8 | |
| 208 | H1 & H9 | H1 to H6 H4 to H9 | |
| 220 | H1 & H10 | H1 to H6 H5 to H10 | |
| 380 | H1 & H7 | H2 & H6 | |
| 400 | H1 & H8 | H3 & H6 | |
| 416 | H1 & H9 | H4 & H6 | |
| 440 | H1 & H10 | H5 & H6 | |

Secondary Volts

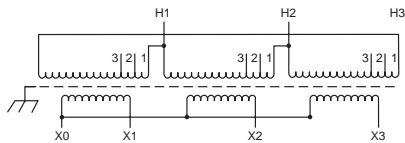
| Primary Volts | Inter-Connect | Connect Secondary Lines To |
|---------------|----------------------|----------------------------|
| 240 | X2 to X3 | X1-X4 |
| 120/240 | X2 to X3 | X1-X2-X4 |
| 120 | X1 to X3 X2 to X4 | X1-X4 |

15 EXPORT MODEL
PRIMARY: 190-220 x 380-440
SECONDARY: 120/240



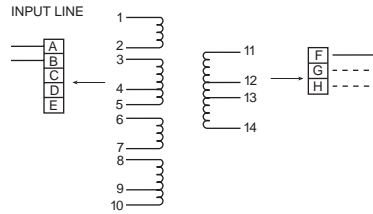
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|------------------------|--------------------------|-----------------------|----------------------------|
| 190 | H1 & H4 | H1, H3, 8 & H2, H4, 1 | |
| 200 | H1 & H4 | H1, H3, 7 & H2, H4, 2 | |
| 208 | H1 & H4 | H1, H3, 6 & H2, H4, 3 | |
| 220 | H1 & H4 | H1, H3, 5 & H2, H4, 4 | |
| 380 | H1 & H4 | H2, H3, 1, 8 | |
| 400 | H1 & H4 | H2, H3, 2, 7 | |
| 416 | H1 & H4 | H2, H3, 3, 6 | |
| 440 | H1 & H4 | H2, H3, 4, 5 | |
| Secondary Volts | | | |
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

18 PRIMARY: 240 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 5% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|------------------------|--------------------------|---------------|----------------------------------|
| 240 | H1, H2, H3 | 1 | |
| 228 | H1, H2, H3 | 2 | |
| 216 | H1, H2, H3 | 3 | |
| Secondary Volts | | | |
| 208 | | | X1, X2, X3 |
| 120 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

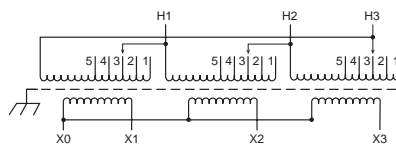
16 POWER LINE CONDITIONER



| Input Connections Insulate | | & Isolate |
|----------------------------|--|-----------------|
| Volts | Connect | |
| 120 | 1, 3, 6, 8 to A 2, 5, 7, 10 to B | 4, 9 |
| 208 | 1, 6 to A 4, 9 to B 2, 3 to C 7, 8 to D | 5, 10 |
| 240 | 1, 6 to A 5, 10 to B 2, 3 to C 7, 8 to D | 4, 9 |
| 480 | 1 to A 10 to B 2, 3 to C 5, 6 to D 7, 8 to E | 4, 9 |
| Output Connections | | Output Lines To |
| Volts | Connect | |
| 120 | 11 to F 12 to G 14 to H | F, G |
| 120/240 | 11 to F 12 to G 14 to H | F, G, H |
| 208 | 11 to F 12 to G 13 to H | F, H |
| 240 | 11 to F 12 to G 14 to H | F, H |

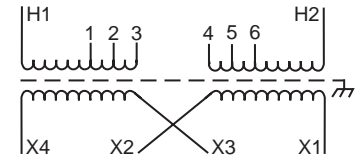
NOTE: To prevent externally shorting, all leads marked "INSULATE" must be individually capped with wire nuts or equivalent. Insulate leads individually!

19 PRIMARY: 240 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC



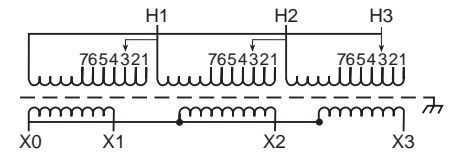
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|------------------------|--------------------------|---------------|----------------------------------|
| 252 | H1, H2, H3 | 1 | |
| 246 | H1, H2, H3 | 2 | |
| 240 | H1, H2, H3 | 3 | |
| 234 | H1, H2, H3 | 4 | |
| 228 | H1, H2, H3 | 5 | |
| Secondary Volts | | | |
| 208 | | | X1, X2, X3 |
| 120 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

17 PRIMARY: 208 Volts
SECONDARY: 120/240 Volts
TAPS:



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|------------------------|--------------------------|----------------------|----------------------------|
| 218 | H1 & H2 | 3 to 4 | |
| 213 | H1 & H2 | 2 to 4 | |
| 208 | H1 & H2 | 3 to 5 | |
| 203 | H1 & H2 | 2 to 5 | |
| 198 | H1 & H2 | 1 to 5 | |
| 192 | H1 & H2 | 2 to 6 | |
| 187 | H1 & H2 | 1 to 6 | |
| Secondary Volts | | | |
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

20 PRIMARY: 380 Volts Delta
SECONDARY: 220Y/127 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|------------------------|--------------------------|---------------|----------------------------------|
| 399 | H1, H2, H3 | 1 | |
| 390 | H1, H2, H3 | 2 | |
| 380 | H1, H2, H3 | 3 | |
| 371 | H1, H2, H3 | 4 | |
| 361 | H1, H2, H3 | 5 | |
| 352 | H1, H2, H3 | 6 | |
| 342 | H1, H2, H3 | 7 | |
| Secondary Volts | | | |
| 220 | | | X1, X2, X3 |
| 127 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

21 PRIMARY: 480 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 5% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------------|
| 480 | H1, H2, H3 | 1 | |
| 456 | H1, H2, H3 | 2 | |
| 432 | H1, H2, H3 | 3 | |
| Secondary Volts | | | |
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |

24 PRIMARY: 380 Volts Delta
SECONDARY: 220Y/127 Volts
TAPS: 2, 5% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------------|
| 380 | H1, H2, H3 | 1 | |
| 361 | H1, H2, H3 | 2 | |
| 342 | H1, H2, H3 | 3 | |
| Secondary Volts | | | |
| 220 | | | X1, X2, X3 |
| 127 | | | X1 to X0 X2 to X0 X3 to X0 |

27 PRIMARY: 480 Volts Delta
SECONDARY: 240 Volts Delta/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 to 2 | |
| 492 | H1, H2, H3 | 2 to 3 | |
| 480 | H1, H2, H3 | 1 to 4 | |
| 468 | H1, H2, H3 | 3 to 4 | |
| 456 | H1, H2, H3 | 1 to 6 | |
| 444 | H1, H2, H3 | 3 to 6 | |
| 432 | H1, H2, H3 | 5 to 6 | |
| Secondary Volts | | | |
| 240 | | | X1, X2, X3 |
| 120 | | | X1, X4 or X2, X4 |

22 PRIMARY: 480 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |
| 444 | H1, H2, H3 | 6 | |
| 432 | H1, H2, H3 | 7 | |
| Secondary Volts | | | |
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |

25 PRIMARY: 480 Volts Delta
SECONDARY: 240 Volts Delta/120 Volts
TAPS: 2, 5% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------|
| 480 | H1, H2, H3 | 1 | |
| 456 | H1, H2, H3 | 2 | |
| 432 | H1, H2, H3 | 3 | |
| Secondary Volts | | | |
| 240 | | | X1, X2, X3 |
| 120 | | | X1, X4 or X2, X4 |

28 PRIMARY: 600 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 5% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------------|
| 600 | H1, H2, H3 | 1 | |
| 570 | H1, H2, H3 | 2 | |
| 540 | H1, H2, H3 | 3 | |
| Secondary Volts | | | |
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |

23 PRIMARY: 120/208/240/277 Volts
SECONDARY: 120/240 Volts

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|----------------------|----------------------------|
| 277 | H1, H5 | | |
| 240 | H1, H4 | | |
| 208 | H1, H3 | | |
| 120 | H1, H2 | | |
| Secondary Volts | | | |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 240 | | X2 to X3 | X1-X4 |

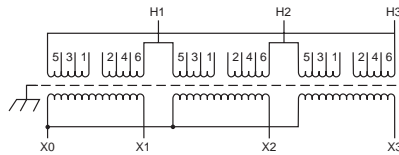
26 PRIMARY: 480 Volts Delta
SECONDARY: 240 Volts Delta/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |
| 444 | H1, H2, H3 | 6 | |
| 432 | H1, H2, H3 | 7 | |
| Secondary Volts | | | |
| 240 | | | X1, X2, X3 |
| 120 | | | X1, X4 or X2, X4 |

29 PRIMARY: 600 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|---------------|----------------------------------|
| 630 | H1, H2, H3 | 1 | |
| 615 | H1, H2, H3 | 2 | |
| 600 | H1, H2, H3 | 3 | |
| 585 | H1, H2, H3 | 4 | |
| 570 | H1, H2, H3 | 5 | |
| 555 | H1, H2, H3 | 6 | |
| 540 | H1, H2, H3 | 7 | |
| Secondary Volts | | | |
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |

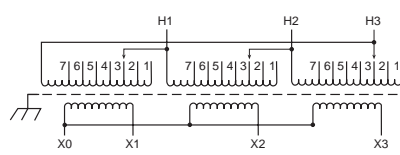
30 PRIMARY: 600 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 630 | H1, H2, H3 | 1 to 2 | |
| 615 | H1, H2, H3 | 2 to 3 | |
| 600 | H1, H2, H3 | 1 to 4 | |
| 585 | H1, H2, H3 | 3 to 4 | |
| 570 | H1, H2, H3 | 1 to 6 | |
| 555 | H1, H2, H3 | 3 to 6 | |
| 540 | H1, H2, H3 | 5 to 6 | |

| Secondary Volts | | | |
|-----------------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

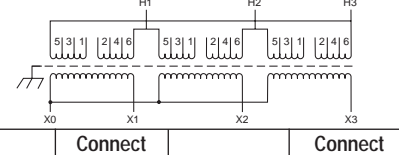
31 PRIMARY: 480 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |
| 444 | H1, H2, H3 | 6 | |
| 432 | H1, H2, H3 | 7 | |

| Secondary Volts | | | |
|-----------------|--|--|----------------------------------|
| 480 | | | X1, X2, X3 |
| 277 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

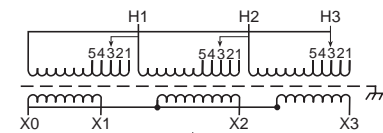
32 PRIMARY: 480 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 to 2 | |
| 492 | H1, H2, H3 | 2 to 3 | |
| 480 | H1, H2, H3 | 1 to 4 | |
| 468 | H1, H2, H3 | 3 to 4 | |
| 456 | H1, H2, H3 | 1 to 6 | |
| 444 | H1, H2, H3 | 3 to 6 | |
| 432 | H1, H2, H3 | 5 to 6 | |

| Secondary Volts | | | |
|-----------------|--|--|----------------------------------|
| 480 | | | X1, X2, X3 |
| 277 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

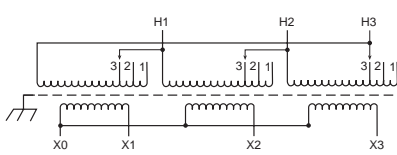
33 PRIMARY: 380 Volts Delta
SECONDARY: 208/120 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 399 | H1, H2, H3 | 1 | |
| 390 | H1, H2, H3 | 2 | |
| 380 | H1, H2, H3 | 3 | |
| 371 | H1, H2, H3 | 4 | |
| 361 | H1, H2, H3 | 5 | |

| Secondary Volts | | | |
|-----------------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

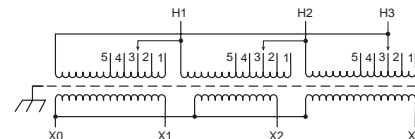
34 PRIMARY: 460 Volts Delta
SECONDARY: 460Y/266 Volts
TAPS: 1-5% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-----|--------------------------|
| 483 | 105 | 1 |
| 460 | 100 | 2 |
| 437 | 95 | 3 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 460 | | X1, X2, X3 |
| 266 | | X1 & X0 X2 & X0 X3 & X0 |
| 1 phase | | |

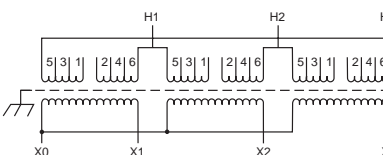
35 PRIMARY: 460 Volts Delta
SECONDARY: 460Y/266 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 483 | 105 | 1 |
| 472 | 102.5 | 2 |
| 460 | 100 | 3 |
| 449 | 97.5 | 4 |
| 437 | 95 | 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 460 | | X1, X2, X3 |
| 266 | | X1 & X0 X2 & X0 X3 & X0 |
| 1 phase | | |

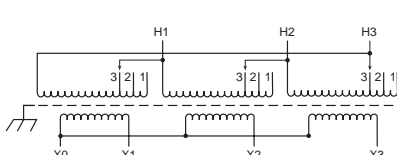
36 PRIMARY: 460 Volts Delta
SECONDARY: 460Y/266 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 483 | 105 | 1 to 2 |
| 472 | 102.5 | 2 to 3 |
| 460 | 100 | 1 to 4 |
| 449 | 97.5 | 3 to 4 |
| 437 | 95 | 4 to 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 460 | | X1, X2, X3 |
| 266 | | X1 & X0 X2 & X0 X3 & X0 |
| 1 phase | | |

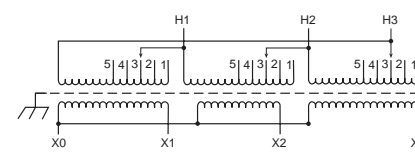
37 PRIMARY: 460 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 1-5% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-----|--------------------------|
| 483 | 105 | 1 |
| 460 | 100 | 2 |
| 437 | 95 | 3 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 230 | | X1, X2, X3 |
| 133 | | X1 & X0 X2 & X0 X3 & X0 |
| 1 phase | | |

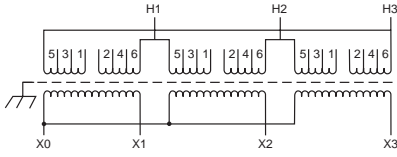
38 PRIMARY: 460 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 483 | 105 | 1 |
| 472 | 102.5 | 2 |
| 460 | 100 | 3 |
| 449 | 97.5 | 4 |
| 437 | 95 | 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 230 | | X1, X2, X3 |
| 133 | | X1 & X0 X2 & X0 X3 & X0 |
| 1 phase | | |

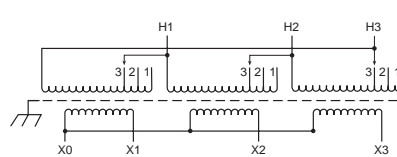
39 PRIMARY: 460 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 483 | 105 | 1 to 2 |
| 472 | 102.5 | 2 to 3 |
| 460 | 100 | 1 to 4 |
| 449 | 97.5 | 3 to 4 |
| 437 | 95 | 4 to 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 230 | | X1, X2, X3 |
| 133 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

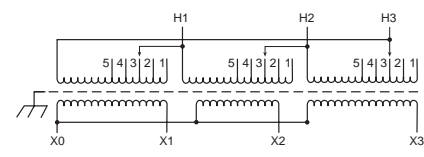
40 PRIMARY: 575 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 1-5% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-----|--------------------------|
| 604 | 105 | 1 |
| 575 | 100 | 2 |
| 546 | 95 | 3 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 230 | | X1, X2, X3 |
| 133 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

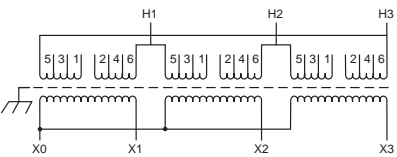
41 PRIMARY: 575 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 604 | 105 | 1 |
| 589 | 102.5 | 2 |
| 575 | 100 | 3 |
| 561 | 97.5 | 4 |
| 546 | 95 | 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 230 | | X1, X2, X3 |
| 133 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

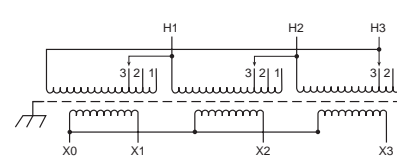
42 PRIMARY: 575 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 604 | 105 | 1 to 2 |
| 589 | 102.5 | 2 to 3 |
| 575 | 100 | 1 to 4 |
| 561 | 97.5 | 3 to 4 |
| 546 | 95 | 4 to 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 230 | | X1, X2, X3 |
| 133 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

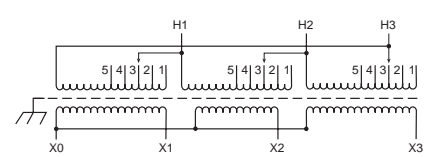
43 PRIMARY: 575 Volts Delta
SECONDARY: 460Y/266 Volts
TAPS: 1-5% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-----|--------------------------|
| 604 | 105 | 1 |
| 575 | 100 | 2 |
| 546 | 95 | 3 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 460 | | X1, X2, X3 |
| 266 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

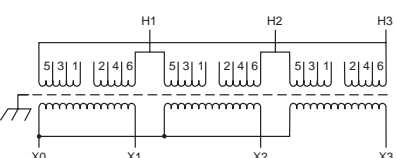
44 PRIMARY: 575 Volts Delta
SECONDARY: 460Y/266 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 604 | 105 | 1 |
| 589 | 102.5 | 2 |
| 575 | 100 | 3 |
| 561 | 97.5 | 4 |
| 546 | 95 | 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 460 | | X1, X2, X3 |
| 266 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

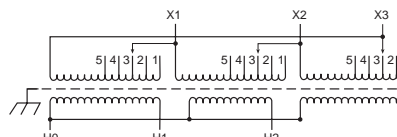
45 PRIMARY: 575 Volts Delta
SECONDARY: 460Y/266 Volts
TAPS: 2-2 1/2% ANFC and BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 604 | 105 | 1 to 2 |
| 589 | 102.5 | 2 to 3 |
| 575 | 100 | 1 to 4 |
| 561 | 97.5 | 3 to 4 |
| 546 | 95 | 4 to 5 |

| Secondary Volts | | |
|-----------------|--|-------------------------------|
| 460 | | X1, X2, X3 |
| 266 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

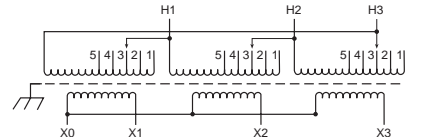
46 PRIMARY: 208 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 218 | X1, X2, X3 | 1 | |
| 213 | X1, X2, X3 | 2 | |
| 208 | X1, X2, X3 | 3 | |
| 203 | X1, X2, X3 | 4 | |
| 198 | X1, X2, X3 | 5 | |

| Secondary Volts | | |
|-----------------|--|----------------------------------|
| 480 | | H1, H2, H3 |
| 277 1 phase | | H1 to H0 H2 to H0 H3 to H0 |

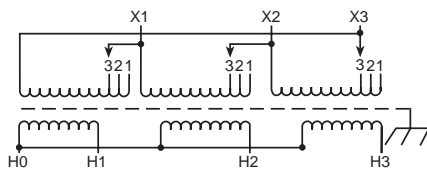
47 PRIMARY: 416 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 437 | H1, H2, H3 | 1 | |
| 426 | H1, H2, H3 | 2 | |
| 416 | H1, H2, H3 | 3 | |
| 406 | H1, H2, H3 | 4 | |
| 395 | H1, H2, H3 | 5 | |

| Secondary Volts | | |
|-----------------|--|----------------------------------|
| 208 | | X1, X2, X3 |
| 120 1 phase | | X1 to X0 X2 to X0 X3 to X0 |

48 PRIMARY: 208 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 5% BNFC

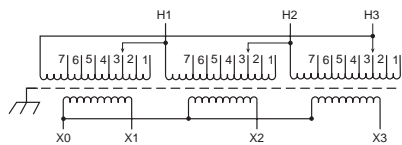


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 208 | X1, X2, X3 | 1 | |
| 198 | X1, X2, X3 | 2 | |
| 187 | X1, X2, X3 | 3 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 480 | | | H1, H2, H3 |
| 277 1 phase | | | H1 to H0 H2 to H0 H3 to H0 |

51 PRIMARY: 600 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

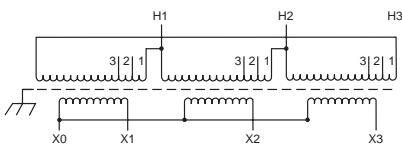


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 630 | H1, H2, H3 | 1 | |
| 615 | H1, H2, H3 | 2 | |
| 600 | H1, H2, H3 | 3 | |
| 585 | H1, H2, H3 | 4 | |
| 570 | H1, H2, H3 | 5 | |
| 555 | H1, H2, H3 | 6 | |
| 540 | H1, H2, H3 | 7 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 480 | | | X1, X2, X3 |
| 277 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

54 PRIMARY: 600 Volts Delta
SECONDARY: 600Y/347 Volts
TAPS: 2, 5% BNFC

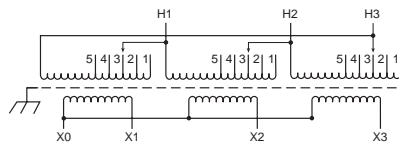


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 600 | H1, H2, H3 | 1 | |
| 570 | H1, H2, H3 | 2 | |
| 540 | H1, H2, H3 | 3 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 600 | | | X1, X2, X3 |
| 347 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

49 PRIMARY: 600 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC

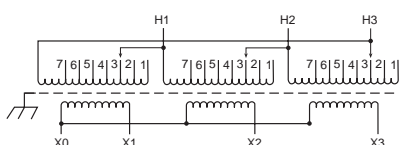


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 630 | H1, H2, H3 | 1 | |
| 615 | H1, H2, H3 | 2 | |
| 600 | H1, H2, H3 | 3 | |
| 585 | H1, H2, H3 | 4 | |
| 570 | H1, H2, H3 | 5 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

52 PRIMARY: 600 Volts Delta
SECONDARY: 600Y/347 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

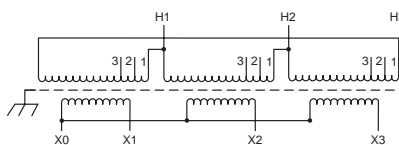


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 630 | H1, H2, H3 | 1 | |
| 615 | H1, H2, H3 | 2 | |
| 600 | H1, H2, H3 | 3 | |
| 585 | H1, H2, H3 | 4 | |
| 570 | H1, H2, H3 | 5 | |
| 555 | H1, H2, H3 | 6 | |
| 540 | H1, H2, H3 | 7 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 600 | | | X1, X2, X3 |
| 347 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

55 PRIMARY: 600 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 5% BNFC

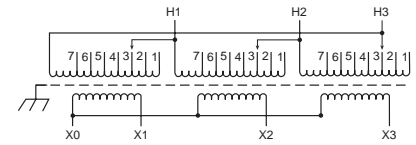


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 600 | H1, H2, H3 | 1 | |
| 570 | H1, H2, H3 | 2 | |
| 540 | H1, H2, H3 | 3 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 480 | | | X1, X2, X3 |
| 277 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

50 PRIMARY: 600 Volts Delta
SECONDARY: 380Y/220 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

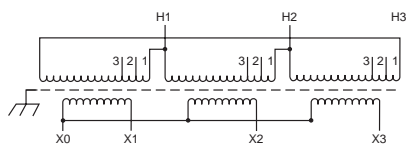


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 630 | H1, H2, H3 | 1 | |
| 615 | H1, H2, H3 | 2 | |
| 600 | H1, H2, H3 | 3 | |
| 585 | H1, H2, H3 | 4 | |
| 570 | H1, H2, H3 | 5 | |
| 555 | H1, H2, H3 | 6 | |
| 540 | H1, H2, H3 | 7 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 380 | | | X1, X2, X3 |
| 220 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

53 PRIMARY: 600 Volts Delta
SECONDARY: 380Y/220 Volts
TAPS: 2, 5% BNFC

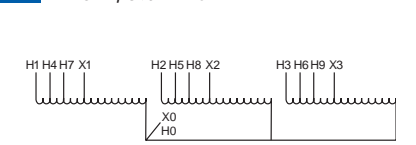


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 600 | H1, H2, H3 | 1 | |
| 570 | H1, H2, H3 | 2 | |
| 540 | H1, H2, H3 | 3 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 380 | | | X1, X2, X3 |
| 220 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

56 PRIMARY: 600 Volts
SECONDARY: 480 Volts
TAPS: 2, 5% BNFC

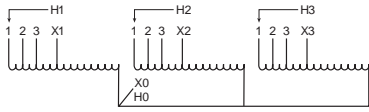


| Primary Volts | Alt Rating | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|------------|--------------------------|---------------|----------------------------|
| 600 | 480 | H1, H2, H3 | | |
| 570 | 456 | H4, H5, H6 | | |
| 540 | 432 | H7, H8, H9 | | |

Secondary Volts

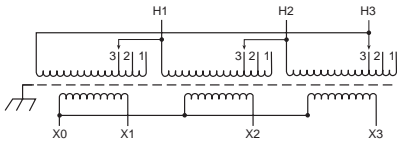
| | | | | |
|----------------|----------------|--|--|----------------------------------|
| 480 | 380 | | | X1, X2, X3 |
| 277 1 phase | 220 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

57 PRIMARY: 600 Volts
SECONDARY: 480 Volts
TAPS: 2, 5% BNFC



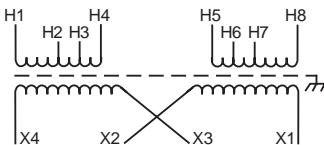
| Primary Volts | Alt Rating | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|----------------|--------------------------|---------------|----------------------------------|
| 600 | 480 | H1, H2, H3 | 1 | |
| 570 | 456 | H1, H2, H3 | 2 | |
| 540 | 432 | H1, H2, H3 | 3 | |
| Secondary Volts | | | | |
| 480 | 380 | | | X1, X2, X3 |
| 277 1 phase | 220 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

60 PRIMARY: 208 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2-5% BNFC



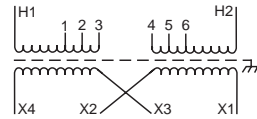
| Primary Volts | % | Connect Leads to Tap No. |
|-----------------|-----|-------------------------------|
| 208 | 100 | 1 |
| 198 | 95 | 2 |
| 187 | 90 | 3 |
| Secondary Volts | | |
| 208 | | X1, X2, X3 |
| 120 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

63 PRIMARY: 120/208/240/277 Volts
SECONDARY: 120/240 Volts



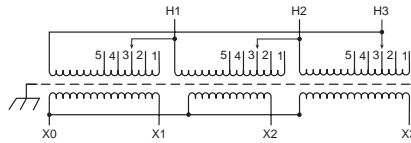
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|----------------------|----------------------------|
| 120 | H1 & H8 | H1 to H6 H3 to H8 | |
| 208 | H1 & H8 | H2 to H7 | |
| 240 | H1 & H8 | H3 to H6 | |
| 277 | H1 & H8 | H4 to H5 | |
| Secondary Volts | | | |
| 240 | | X2 to X3 | X1 & X4 |
| 120/240 | | X2 to X3 | X1, X3, X4 |
| 120 | | X1 to X3 X2 to X4 | X1 & X4 |

58 PRIMARY: 208 Volts
SECONDARY: 120/240 Volts
TAPS: 2, 5% BNFC



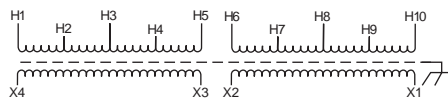
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|----------------------|----------------------------|
| 208 | H1 & H2 | 3 to 4 | |
| 198 | H1 & H2 | 2 to 5 | |
| 187 | H1 & H2 | 1 to 6 | |
| Secondary Volts | | | |
| 240 | | X2 to X3 | X1-X4 |
| 120/240 | | X2 to X3 | X1-X2-X4 |
| 120 | | X1 to X3 X2 to X4 | X1-X4 |

61 PRIMARY: 208 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2-2 1/2% ANFC and 2-2 1/2% BNFC



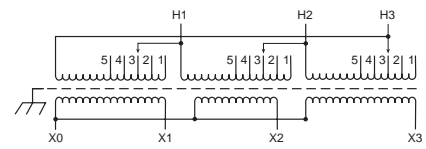
| Primary Volts | % | Connect Leads to Tap No. |
|-----------------|-------|-------------------------------|
| 218 | 105 | 1 |
| 213 | 102.5 | 2 |
| 208 | 100 | 3 |
| 203 | 97.5 | 4 |
| 198 | 95 | 5 |
| Secondary Volts | | |
| 208 | | X1, X2, X3 |
| 120 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

64 PRIMARY: 190/208/220/240 x
380/416/440/480 Volts
SECONDARY: 120/240 Volts



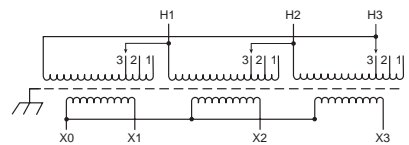
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|-----------------------|----------------------------|
| 190 | H1 & H7 | H1 to H6 H2 to H7 | |
| 208 | H1 & H8 | H1 to H6 H3 to H8 | |
| 220 | H1 & H9 | H1 to H6 H4 to H9 | |
| 240 | H1 & H10 | H1 to H6 H5 to H10 | |
| 380 | H1 & H7 | H2 to H6 | |
| 416 | H1 & H8 | H3 to H6 | |
| 440 | H1 & H9 | H4 to H6 | |
| 480 | H1 & H10 | H5 to H6 | |
| Secondary Volts | | | |
| 240 | | X2 to X3 | X1 - X4 |
| 120/240 | | X2 to X3 | X1- X2 - X4 |
| 120 | | X1 to X3 X2 to X4 | X1 - X4 |

59 PRIMARY: 230 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 2-2 1/2% ANFC and 2-2 1/2% BNFC



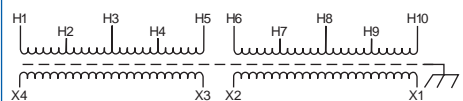
| Primary Volts | % | Connect Leads to Tap No. |
|-----------------|-------|-------------------------------|
| 242 | 105 | 1 |
| 236 | 102.5 | 2 |
| 230 | 100 | 3 |
| 224 | 97.5 | 4 |
| 219 | 95 | 5 |
| Secondary Volts | | |
| 230 | | X1, X2, X3 |
| 133 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

62 PRIMARY: 230 Volts Delta
SECONDARY: 230Y/133 Volts
TAPS: 1-5% ANFC and 1-5% BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|-----------------|-----|-------------------------------|
| 241 | 105 | 1 |
| 230 | 100 | 2 |
| 218 | 95 | 3 |
| Secondary Volts | | |
| 230 | | X1, X2, X3 |
| 133 1 phase | | X1 & X0 X2 & X0 X3 & X0 |

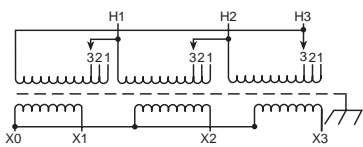
65 PRIMARY: 190/200/208/220 x
380/400/416/440 Volts
SECONDARY: 110/220 Volts



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|-----------------|--------------------------|-----------------------|----------------------------|
| 190 | H1 & H7 | H1 to H6 H2 to H7 | |
| 200 | H1 & H8 | H1 to H6 H3 to H8 | |
| 208 | H1 & H9 | H1 to H6 H4 to H9 | |
| 220 | H1 & H10 | H1 to H6 H5 to H10 | |
| 380 | H1 & H7 | H2 to H6 | |
| 400 | H1 & H8 | H3 to H6 | |
| 415 | H1 & H9 | H4 to H6 | |
| 440 | H1 & H10 | H5 to H6 | |
| Secondary Volts | | | |
| 220 | | X2 to X3 | X1-X4 |
| 110/220 | | X2 to X3 | X1-X2-X4 |
| 110 | | X1 to X3 X2 to X4 | X1-X4 |

66

PRIMARY: 416 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 5% BNFC



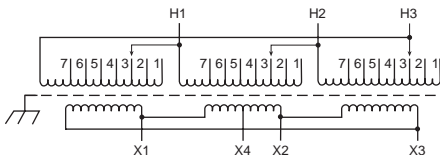
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 437 | H1, H2, H3 | 1 | |
| 416 | H1, H2, H3 | 2 | |
| 395 | H1, H2, H3 | 3 | |

Secondary Volts

| | | | |
|---------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

69

PRIMARY: 600 Volts Delta
SECONDARY: 240 Delta/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



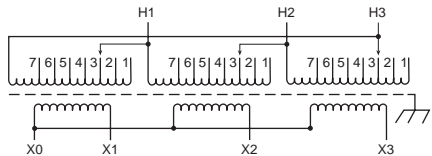
| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 630 | 105 | 1 |
| 615 | 102.5 | 2 |
| 600 | 100 | 3 |
| 585 | 97.5 | 4 |
| 570 | 95 | 5 |
| 555 | 92.5 | 6 |
| 540 | 90 | 7 |

Secondary Volts

| | | | |
|-----|--|--|----------------------|
| 240 | | | X1, X2, X3 |
| 120 | | | X1, X4, or X2, X4 |

72

PRIMARY: 380 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



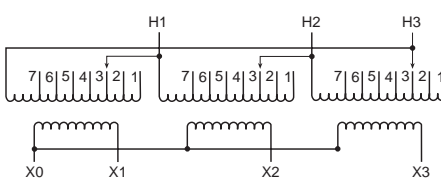
| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 399 | 105 | 1 |
| 390 | 102.5 | 2 |
| 380 | 100 | 3 |
| 371 | 97.5 | 4 |
| 361 | 95 | 5 |
| 352 | 92.5 | 6 |
| 342 | 90 | 7 |

Secondary Volts

| | | | |
|---------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

67

PRIMARY: 480 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2-2 1/2% ANFC, 4, 2 1/2% BNFC



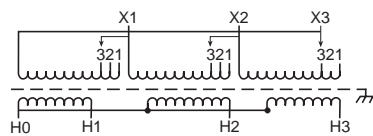
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |
| 444 | H1, H2, H3 | 6 | |
| 432 | H1, H2, H3 | 7 | |

Secondary Volts

| | | | |
|---------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

70

PRIMARY: 240 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 5% BNFC



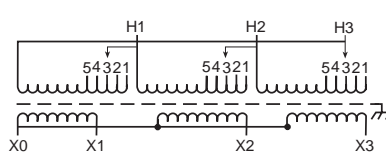
| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-----|--------------------------|
| 240 | 100 | 1 |
| 228 | 95 | 2 |
| 216 | 90 | 3 |

Secondary Volts

| | | | |
|---------|--|--|----------------------------------|
| 480 | | | H1, H2, H3 |
| 277 | | | H1 to H0 H2 to H0 H3 to H0 |
| 1 phase | | | |

73

PRIMARY: 440 Volts Delta
SECONDARY: 220Y/127 Volts
TAPS: 2, 5% ANFC & BNFC



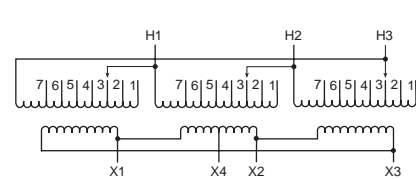
| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-----|--------------------------|
| 484 | 110 | 1 |
| 462 | 105 | 2 |
| 440 | 100 | 3 |
| 418 | 95 | 4 |
| 396 | 90 | 5 |

Secondary Volts

| | | | |
|---------|--|--|----------------------------------|
| 220 | | | X1, X2, X3 |
| 127 | | | X1 to X0 X2 to X0 X3 to X0 |
| 1 phase | | | |

68

PRIMARY: 480 Volts Delta
SECONDARY: 240 Volts Delta/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC



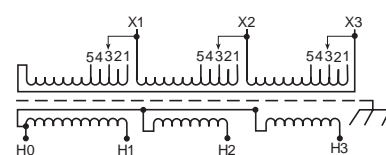
| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |
| 444 | H1, H2, H3 | 6 | |
| 432 | H1, H2, H3 | 7 | |

Secondary Volts

| | | | |
|-----|--|--|----------------------|
| 240 | | | X1, X2, X3 |
| 120 | | | X1, X4, or X2, X4 |

71

PRIMARY: 240 Volts Delta
SECONDARY: 480Y/277 Volts
TAPS: 2, 2 1/2% ANFC & BNFC

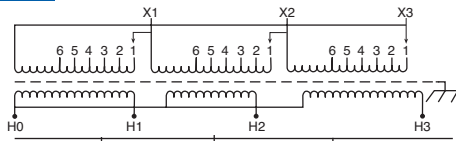


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 252 | X1, X2, X3 | 1 | |
| 246 | X1, X2, X3 | 2 | |
| 240 | X1, X2, X3 | 3 | |
| 234 | X1, X2, X3 | 4 | |
| 228 | X1, X2, X3 | 5 | |

Secondary Volts

| | | | |
|---------|--|--|----------------------------------|
| 480 | | | H1, H2, H3 |
| 277 | | | H1 to H0 H2 to H0 H3 to H0 |
| 1 phase | | | |

74 PRIMARY: 190/200/210/220/
230/240 Volts Delta
SECONDARY: 400Y/231 Volts

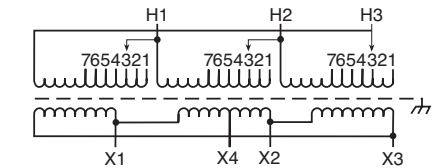


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 240 | X1, X2, X3 | 1 | |
| 230 | X1, X2, X3 | 2 | |
| 220 | X1, X2, X3 | 3 | |
| 210 | X1, X2, X3 | 4 | |
| 200 | X1, X2, X3 | 5 | |
| 190 | X1, X2, X3 | 6 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 400 | | | H1, H2, H3 |
| 231 1 phase | | | H1 to H0 H2 to H0 H3 to H0 |

77 PRIMARY: 400 Volts Delta
SECONDARY: 240 Delta/120 Volts
TAPS: 2, 2 1/2% ANFC, 4, 2 1/2% BNFC

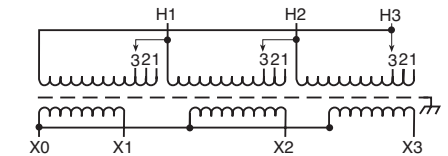


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 420 | H1, H2, H3 | 1 | |
| 410 | H1, H2, H3 | 2 | |
| 400 | H1, H2, H3 | 3 | |
| 390 | H1, H2, H3 | 4 | |
| 380 | H1, H2, H3 | 5 | |
| 370 | H1, H2, H3 | 6 | |
| 360 | H1, H2, H3 | 7 | |

Secondary Volts

| | | | |
|-----|--|--|-------------------------|
| 240 | | | X1, X2, X3 |
| 120 | | | X1 to X4 or X2 to X4 |

80 PRIMARY: 480 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 1-5% ANFC & 1-5% BNFC

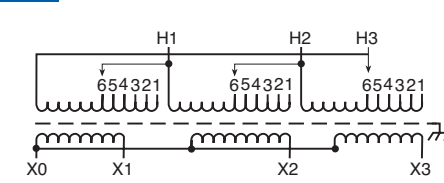


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 480 | H1, H2, H3 | 2 | |
| 456 | H1, H2, H3 | 3 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

75 PRIMARY: 190/200/210/220/
230/240 Volts Delta
SECONDARY: 400Y/231 Volts

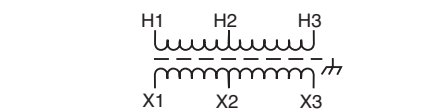


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 240 | H1, H2, H3 | 1 | |
| 230 | H1, H2, H3 | 2 | |
| 220 | H1, H2, H3 | 3 | |
| 210 | H1, H2, H3 | 4 | |
| 200 | H1, H2, H3 | 5 | |
| 190 | H1, H2, H3 | 6 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 400 | | | X1, X2, X3 |
| 231 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

78 PRIMARY: 277/480 Volts
SECONDARY: 208/277 Volts
TAPS: NONE

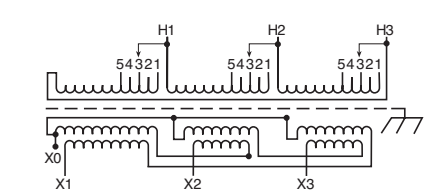


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 277 | H1 & H2 | | |
| 480 | H1 & H3 | | |

Secondary Volts

| | | | |
|-----|--|--|----------|
| 208 | | | X1 to X2 |
| 277 | | | X1 to X3 |

81 PRIMARY: 480 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2, 2 1/2% ANFC, 2, 2 1/2% BNFC

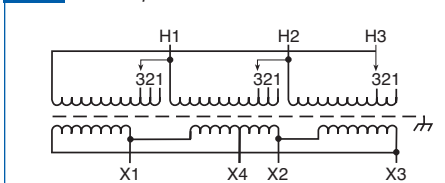


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |

Secondary Volts

| | | | |
|----------------|--|--|----------------------------------|
| 208 | | | X1, X2, X3 |
| 120 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

76 PRIMARY: 400 Volts Delta
SECONDARY: 240 Volts Delta/120 Volts
TAPS: 2, 5% BNFC

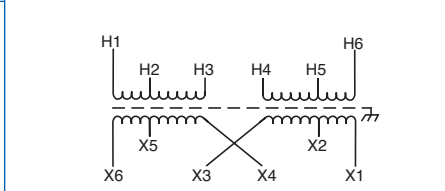


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 400 | H1, H2, H3 | 1 | |
| 380 | H1, H2, H3 | 2 | |
| 360 | H1, H2, H3 | 3 | |

Secondary Volts

| | | | |
|-----|--|--|-------------------------|
| 240 | | | X1, X2, X3 |
| 120 | | | X1 to X4 or X2 to X4 |

79 PRIMARY: 277/480 Volts
SECONDARY: 208/277 Volts
TAPS: NONE

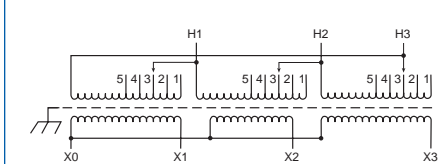


| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 277 | H1 - H5 | H2 to H4 | |
| 480 | H1 - H6 | H3 to H4 | |

Secondary Volts

| | | | |
|-----|--|----------|---------|
| 208 | | X2 to X4 | X1 - X5 |
| 277 | | X3 to X4 | X1 - X6 |

82 PRIMARY: 380 Volts Delta
SECONDARY: 208Y/120 Volts
TAPS: 2-2 1/2% ANFC and 2-2 1/2% BNFC



| Primary Volts | % | Connect Leads to Tap No. |
|---------------|-------|--------------------------|
| 399 | 105 | 1 |
| 390 | 102.5 | 2 |
| 380 | 100 | 3 |
| 371 | 97.5 | 4 |
| 361 | 95 | 5 |

Secondary Volts

| | | |
|----------------|--|----------------------------------|
| 208 | | X1, X2, X3 |
| 120 1 phase | | X1 to X0 X2 to X0 X3 to X0 |