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# **TRANSFORMERS**

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**HIGH CURRENT TRANSFORMER**

**MULTI TAP TRANSFORMER**

**SINGLE TURN HIGH CURRENT  
TRANSFORMER**

**AUTO TRANSFORMER**

**TAP SWITCH TRANSFORMER**

**HEATING ELEMENT TRANSFORMER**

**NEMA 4X TRANSFORMER**

**SCOTT T TRANSFORMER**

**HIGH VOLTAGE TRANSFORMER**

**400 HZ TRANSFORMER**

**HIGH FREQUENCY TRANSFORMER**

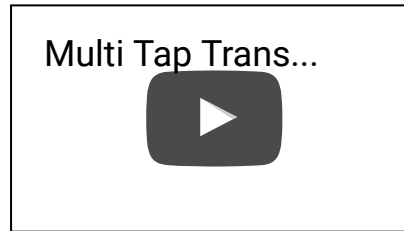
**ISOLATION TRANSFORMER**

**TRANSFORMER ENCLOSURE**

**OIL FILLED TRANSFORMER**

**REPLACEMENT TRANSFORMER  
SPECIALIST**

# **MULTI TAP TRANSFORMER**



A Multi Tap Transformer is a step up or down transformer that has multiple taps on either the primary winding or the secondary winding. A Multi Tap Transformer provides flexibility in your input and output voltage requirements.

Multi Tap Transformers are used in heating element applications. The resistance of the heating elements increases with age which results in reduced current thru the heating element. To restore the heating element current back to its original value, the voltage applied to the heating element must be increased. Multi tap transformer connections provide the additional taps to compensate for the change.

Multi tap transformers are also used in compensating for the variation of input power voltages to a customer facility. Input power to the equipment changes due to the load conditions as well as the proximity of the utility power to the customer facility and many other causes. This results in a mismatched input voltage to a customer facility. The multi tap transformer wiring configurations would be able to provide necessary taps

to compensate for the variation of input voltages.

L/C Magnetics can provide Multi Tap Transformers as an open core and coil unit or enclosed in a corrosion resistant power coated enclosure. We can also install the transformer in a NEMA 4 enclosure or a stainless steel enclosure.

L/C Magnetics builds custom designed multi tap transformers. The transformers can be used for single phase or three phase applications.

**(Click and review part numbers listed below)**

18749

19048

18882

19074

19064

18743

17927

18807

18876

18859-2

18599

19046

19078

18840

19065

19071

18535

17940

18391  
17782  
18093A  
18721  
17928  
19036  
18824N  
18824A  
18790  
19052  
18877T1  
17790  
18828N  
18864  
18724N  
19005  
18767  
18803N  
18678N  
19003  
18852N  
18600  
17364  
19073  
18774  
18607N  
18754A  
18512  
18561  
18868  
18787  
18677N  
18835  
18846N  
18781N

- 18723
- 19100N
- 19113N
- 19107
- 19117N
- 19118
- 19127N
- 19132
- 19133
- 19135
- 19144
- 19144A
- 19145
- 19160
- 15447XA
- 19126
- 18684B
- 18689
- 19177
- 18371
- 19231
- 19078A
- 19232
- 19235

## SINGLE PHASE MULTI TAP TRANSFORMERS



**Four Secondary Winding  
Transformer, 115 VA Input:  
240 VAC, Output: 24/26/6/220  
VAC, P/N 18749**



**Multi Tap Transformer 0.15  
KVA, Input: 480 VAC, Output:  
24/30 VAC, P/N 19048**

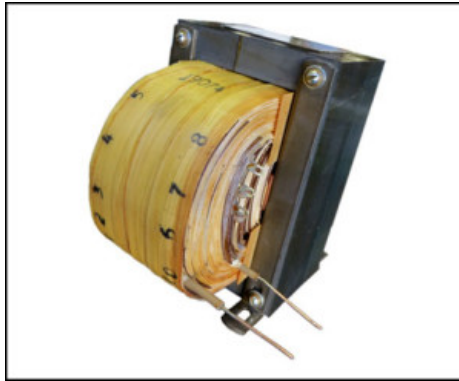


**Secondary Multi Tap  
Transformer, 0.46 KVA Input:  
115 VAC Output: 60/115/180  
VAC P/N 18882**





**Single Phase Multi Tap  
Transformer 0.6 KVA, Input:  
150 VAC, Output:  
10/25/50/75/100/125 VAC, P/N  
19118**

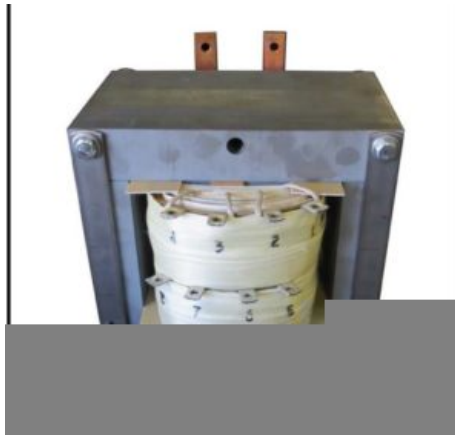


**Multi Tap High Voltage  
Transformer 0.6 KVA, Input:  
210/220/230/240 V Output:  
-14.9/0/+14.9/3750 V, P/N  
19074**



**Single Phase Multi Tap  
Transformer, 0.8 KVA, Input:  
208 VAC, Output: 15/220/28/28  
VAC, P/N 19126**





**Multi Tap Transformer, 1 KVA,  
1 PH, 60 Hz, P/N 19078A**

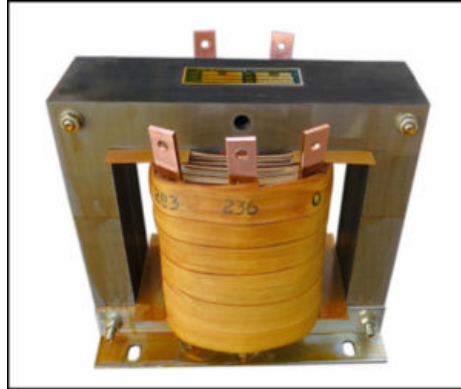


**Control Transformer 1.2 KVA,  
Input:  
208/240/380/416/480/600 VAC  
Output: 120 VAC P/N 19064**



**Single Phase Multi Tap  
Transformer, 1.26 KVA, Input:  
120 VAC, Input: 3.5 VAC,  
Output: 4.4/5.3/6.2 VAC, P/N  
19100**

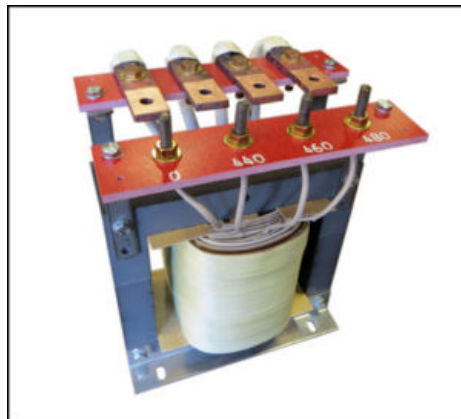
**1916U**



**Multi Tap Transformer 2 KVA,  
Input: 480 VAC, Output:  
236/283 VAC, P/N 18743**



**Control Transformer, 2 KVA,  
Input: 230/240 VAC, Output:  
115 VAC, P/N 19177**



**Multi Tap Transformer 2.28  
KVA, Input: 440/460/480 VAC,  
Output: 15/17/19 VAC, P/N  
17927**

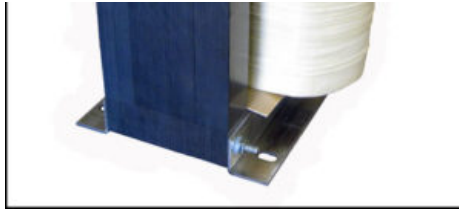


**Multi-Tap Transformer, 2.3  
KVA Input: 220 VAC, Output:  
12/24/100/110 VAC P/N 18807**



**Single Phase Multi Tap  
Transformer, 2.4 KVA, 280  
VAC, Output: 14.8/29.6 VAC,  
P/N 19145**





**High Current Transformer  
with a Center Tap 2.4 KVA,  
Input: 220 VAC, Output: 6/12  
VAC, P/N P/N 18876**



**Tap Transformer, 3 KVA Input:  
20/180 VAC, Output:  
210/220/380 VAC P/N 18859-2**

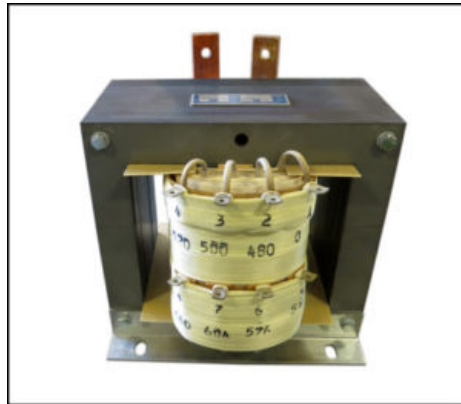


**Secondary Multi Tap  
Transformer, 3 KVA Input: 277  
VAC, Output: 380/400/415 VAC  
P/N 18599**





**Multi tap Transformer 3 KVA,  
Input: 208 VAC, Output: –  
150/0/+150/120 VAC, P/N  
19046**



**Multi tap Transformer 3 KVA,  
Input:  
480/500/520/548/576/604/640  
VAC, Output: 12 VAC, P/N  
19078**



**High Current Multiple Tap  
Transformer. 3.2 KVA Input:**

**208 / 240 VAC, Output: 16 VAC  
P/N 18840**



**Single Phase Multi Tap  
Transformer, 4 KVA, Input  
:480 VAC, Output: 230/240  
VAC, P/N 19107**



**Multi Tap Transformer 4 KVA,  
Input: 220/240 VAC, Output:  
180/190/200/210/220/230/240  
VAC, P/N 19065**



**Multi Tap Transformer 4 KVA,  
Input: 220/440 VAC, Output:  
15/30/45/60/75/90 VAC, P/N  
19071**

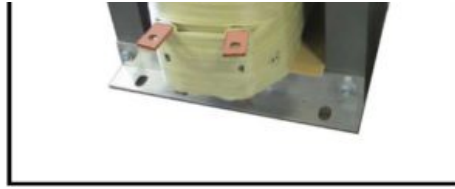


**Primary and Secondary Tap  
Transformer, 4.5 KVA, Input:  
208/220/240 VAC, Output:  
60/70 VAC, P/N 18535**



**Primary & Secondary Tap  
Transformer, 4.7 KVA, Input:  
208/220/240, Output: 82/92,  
P/N 17940**

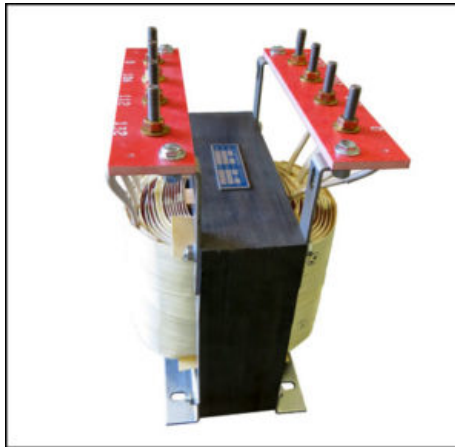




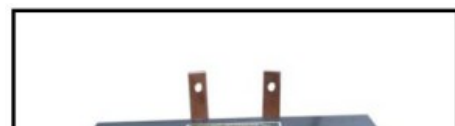
**Multi Tap Transformer, 5 KVA,  
1 PH, 60 Hz, P/N 19231**



**Secondary Multiple Taps  
Transformer, 5 KVA, Input:  
240 VAC Output:  
10/20/30/40/50/60/70/80/90/100  
VAC, P/N 18391**



**Heating Zone Transformer 5.1  
KVA, Input: 200/208/220 VAC,  
Output:106/112/132 VAC, P/N  
17782**



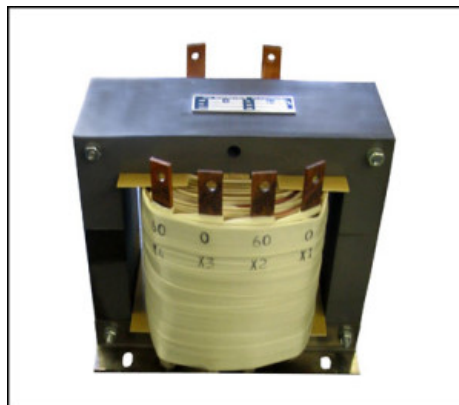




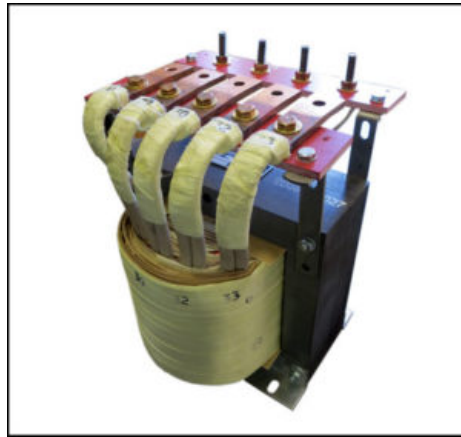
**Single Phase Multi Tap  
Transformer, 6 KVA, Input:  
230 VAC, Output: -20/0/+20  
VAC, P/N 19133**



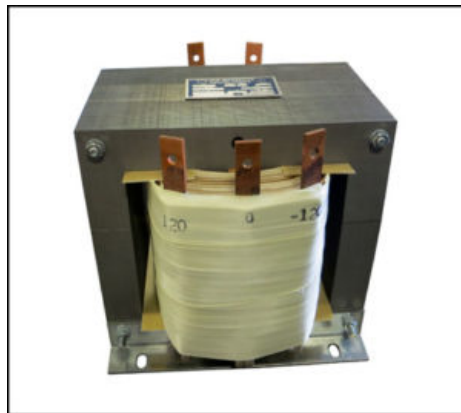
**Sodium Hypochlorite System  
Transformer, 6 KVA, Input:  
208/220/240 VAC, Output:  
26.6/53.2/79.8/24 VAC, P/N  
18093**



**Dual Secondary Winding  
Transformer, 6 KVA Input: 208  
VAC, Output: 60/60 VAC, P/N  
18721**



**Heating Element Transformer  
6.65 KVA, Input: 440/460/480  
VAC, Output: 29/30/32/33 VAC,  
P/N 17928**



**Multi Tap Transformer 7.5  
KVA, Input: 208 VAC, Output:  
-120/0/+120 VAC, P/N 19036**



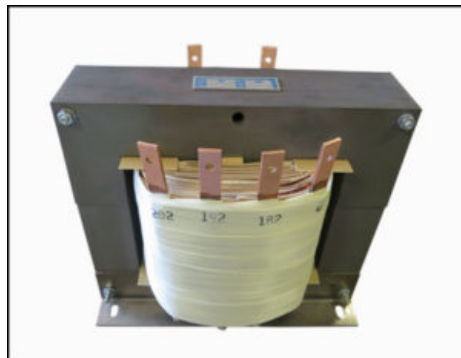
**Multiple Tap Transformer, 7.5  
KVA, Input: 208 VAC, Output:  
230/240/260 VAC, P/N 18824N**



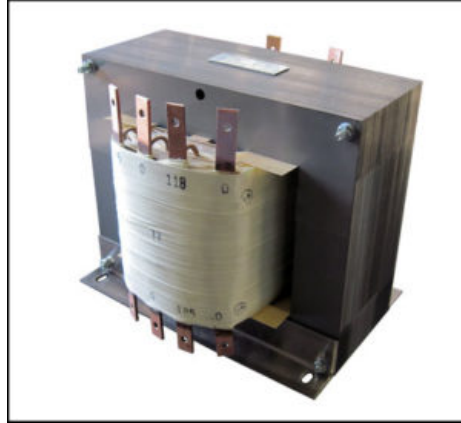
**Center Tap Transformer, 7.5 KVA, Input: 208 VAC, Output: 120/240 VAC, P/N 18824A**



**Manual Tap Changing Transformer, 10 KVA, Input: 208/220/240 VAC, Output: 100/110/120 VAC, P/N 18790**



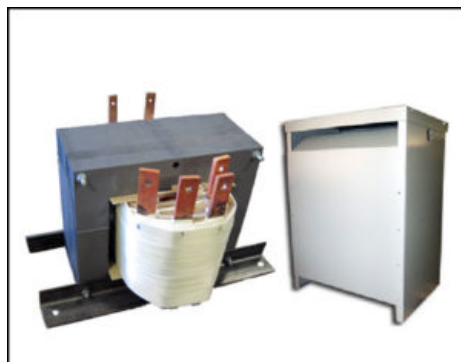
**Multi tap Transformer 10 KVA, Input: 240 VAC, Output: 182/192/202 VAC, P/N 19052**



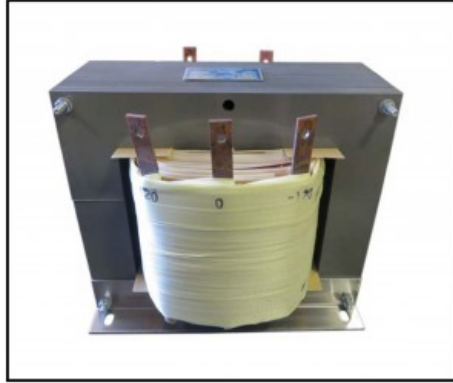
**Multi Winding Isolation  
Transformer 10 KVA, Input:  
480 VAC, Output:  
118/126/185/226 VAC, P/N  
18877T1**



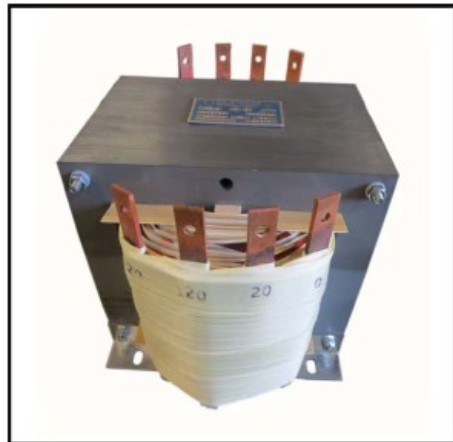
**Center Tapped Transformer,  
12 KVA, Input: 380/400/415  
VAC, Output: -120/0/120 VAC,  
P/N 17790**



**High Current Multi Tap  
Transformer, 12 KVA Input:  
480 VAC Output: 35/40/45 VAC  
P/N 18828N**



**Single Phase Multi Tap  
Transformer, 12.5 KVA, Input:  
380 VAC, Output: – 120/0/+120  
VAC, P/N 18684B**

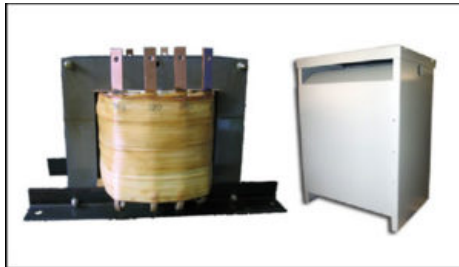


**Single Phase Multi Tap  
Transformer, 12.5 KVA, Input:  
380 / 400 / 415 VAC, Output:  
20/120/220 VAC, P/N 15447XA**

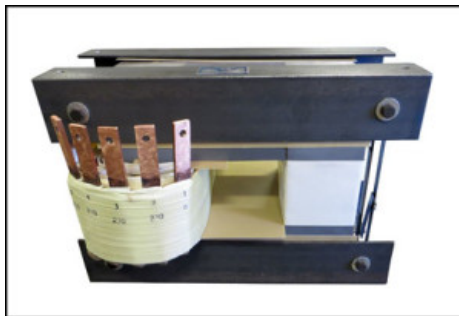




**Centered Tap Transformer, 15 KVA, Input: 480 VAC, Output: 120/240 VAC, P/N 18864**



**Multiple Tapped Transformer, 25 KVA, Input: 208 VAC, Output: 280/320/360 VAC, P/N 18724N**



**Multi Tapped Transformer, 32 KVA, Input: 220/230/240/250 VAC, Output: 8 VAC, P/N 19005**

