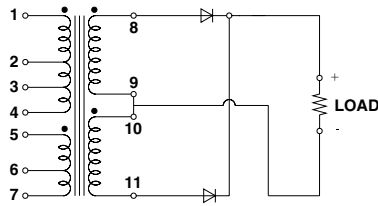


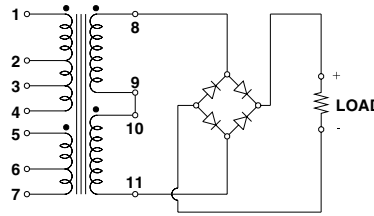
# POWER TRANSFORMERS

## Rectifier Transformers - Terminal Connection Data

Full Wave C.T.  
(center tap)



Full Wave Bridge



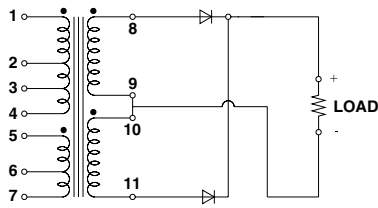
Sec.	STANCOR PART NUMBER	Primary Connections		Full-Wave C.T. Output 2.0 A. D.C.				Full-Wave Bridge Output 1.25 A. D.C.			
				Resistive Load		Capacitive Load		Resistive Load		Capacitive Load	
				Input 117 VAC Term No.	Connect Term. No.	Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.
A	RT-201	1-2	-	29.4	11.2	28.8	13.8	28.5	23.0	27.9	30.0
		1-7	2-6	26.0	9.8	25.7	11.7	25.4	20.0	25.1	26.4
		1-6	2-5	23.0	8.4	22.7	9.9	22.3	17.3	21.8	22.2
		1-7	2-5	20.9	7.4	20.8	8.6	20.2	15.4	19.8	19.7
		1-3	-	19.4	6.7	19.1	7.6	18.6	13.9	18.2	17.6
		1-7	3-6	17.8	6.1	17.6	6.7	17.2	12.8	16.8	15.7
		1-6	3-5	16.3	5.3	16.1	6.0	15.7	11.2	15.2	13.8
		1-7	3-5	14.9	4.7	14.8	5.3	14.3	10.3	14.1	12.4
		1-4	-	14.2	4.4	14.2	5.0	13.7	9.7	13.5	11.6
		1-7	4-6	13.4	4.0	13.3	4.4	12.7	8.8	12.5	10.4
		1-6	4-5	12.4	3.6	12.4	3.9	11.7	7.9	11.7	9.5
		1-7	4-5	11.7	3.3	11.7	3.5	11.1	7.4	11.1	8.7
				Full-Wave C.T. Output 4.0 A. D.C.				Full-Wave Bridge Output 2.0 A. D.C.			
B	RT-202	1-2	-	29.7	11.1	29.3	14.7	29.7	24.3	29.3	33.0
		1-7	2-6	26.2	9.8	26.0	12.6	26.2	21.5	26.0	29.0
		1-6	2-5	24.4	8.8	24.0	11.3	24.3	19.5	23.9	26.0
		1-7	2-5	21.9	7.8	21.7	9.9	21.8	17.6	21.5	23.1
		1-3	-	20.9	7.4	20.7	9.3	20.9	16.6	20.6	21.7
		1-7	3-6	19.2	6.6	18.9	8.2	19.1	15.1	18.9	19.6
		1-6	3-5	18.0	6.1	17.8	7.5	18.0	14.2	17.8	18.2
		1-7	3-5	16.6	5.5	16.4	6.6	16.6	12.8	16.4	16.3
		1-4	-	14.4	4.4	14.2	5.3	14.4	11.8	14.2	13.7
		1-7	4-6	13.5	4.1	13.4	4.9	13.5	10.1	13.4	12.6
		1-6	4-5	12.9	3.9	12.7	4.4	12.9	9.5	12.7	11.7
		1-7	4-5	12.2	3.7	12.0	4.0	12.2	8.9	12.0	10.8
				Full-Wave C.T. Output 8.0 A. D.C.				Full-Wave Bridge Output 4.0 A. D.C.			
C	RT-204	1-2	-	29.2	12.0	28.8	14.5	29.2	24.0	29.0	32.4
		1-7	2-6	25.7	10.5	25.7	12.6	25.7	21.1	25.4	29.2
		1-6	2-5	22.8	9.2	22.8	10.9	22.8	18.7	22.7	25.7
		1-7	2-5	20.6	8.3	20.6	9.6	20.7	16.6	20.6	22.8
		1-3	-	19.3	7.7	19.3	8.7	19.4	15.4	19.0	21.0
		1-7	3-6	17.6	7.0	17.6	7.8	17.8	14.0	17.6	19.0
		1-6	3-5	16.2	6.3	16.2	6.9	16.3	12.7	16.1	17.2
		1-7	3-5	15.0	5.8	15.0	6.3	15.1	11.6	14.9	15.6
		1-4	-	14.2	5.4	14.2	5.8	14.4	11.0	14.2	14.8
		1-7	4-6	13.3	5.0	13.3	5.3	13.4	10.2	13.3	13.5
		1-6	4-5	12.5	4.6	12.5	4.9	12.6	9.4	12.5	12.4
		1-7	4-5	11.7	4.3	11.7	4.5	11.8	8.8	11.6	11.4

Terminal Connection Data continued on pages 9 & 10.

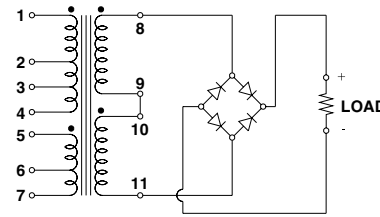
# POWER TRANSFORMERS

## Rectifier Transformers - Terminal Connection Data

Full Wave C.T.  
(center tap)



Full Wave Bridge



Sec.	STANCOR PART NUMBER	Primary Connections		Full-Wave C.T. Output 12.0 A. D.C.				Full-Wave Bridge Output 6.0 A. D.C.			
		Input 117 VAC Term No.	Connect Term. No.	Resistive Load		Capacitive Load		Resistive Load		Capacitive Load	
				Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.
A	RT-206	1-2	-	29.8	11.5	29.6	14.4	29.6	24.0	29.2	32.0
		1-7	2-6	26.0	9.9	25.8	12.0	25.8	20.6	25.4	27.3
		1-6	2-5	23.8	8.8	23.6	10.7	23.8	18.6	23.6	24.6
		1-7	2-5	21.2	7.6	21.0	9.0	21.2	16.4	21.0	21.4
		1-3	-	19.7	7.0	19.7	8.4	19.7	15.2	19.4	19.2
		1-7	3-6	17.9	6.2	17.8	7.2	17.9	13.5	17.8	17.3
		1-6	3-5	16.7	5.7	16.6	6.6	16.8	12.5	16.6	15.8
		1-7	3-5	15.4	5.1	15.4	5.9	15.4	11.4	15.2	14.0
		1-4	-	14.6	4.7	14.5	5.2	14.6	10.6	14.5	13.4
		1-7	4-6	13.5	4.2	13.4	4.7	13.5	9.8	13.4	12.0
		1-6	4-5	12.9	3.9	12.8	4.3	12.9	9.2	12.8	11.0
		1-7	4-5	12.0	3.4	12.0	3.9	12.0	8.4	12.0	10.0
		B	RT-208	1-2	-	29.2	11.4	29.2	14.8	29.2	23.7
1-7	2-6			25.4	9.9	25.4	12.5	25.3	21.0	25.2	27.0
1-6	2-5			24.1	9.3	24.0	11.6	24.0	19.4	23.9	25.5
1-7	2-5			21.5	8.2	21.5	10.0	21.3	17.0	21.3	22.0
1-3	-			19.3	7.1	19.3	8.7	19.1	14.9	19.1	21.2
1-7	3-6			17.6	6.4	17.5	7.7	17.4	13.4	17.4	17.0
1-6	3-5			16.8	6.0	16.8	7.2	16.8	12.9	16.7	16.1
1-7	3-5			15.6	5.5	15.5	6.5	15.4	11.7	15.4	14.5
1-4	-			14.4	5.0	14.4	5.7	14.2	10.7	14.2	13.1
1-7	4-6			13.4	4.5	13.4	5.1	13.3	9.8	13.3	11.9
1-6	4-5			13.0	4.3	12.9	4.8	12.9	9.5	12.8	11.4
1-7	4-5			12.2	3.9	12.1	4.4	12.1	8.7	12.1	10.4

Terminal Connection Data continued on page 10.

### TECH TIP

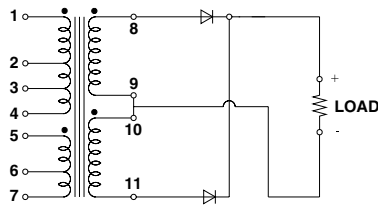
#### Bucking/Aiding Coils

A "Buck-Boost" or "Bucking-Aiding" winding is a separate winding that when connected in the same rotation as the main winding adds the turns of the Buck-Boost winding to the turns of the main winding. If the Buck-Boost is connected in opposition to the main winding, it is equivalent to removing turns from the main winding.

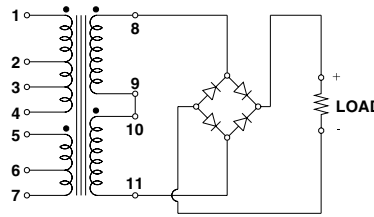
# POWER TRANSFORMERS

## Rectifier Transformers - Terminal Connection Data

Full Wave C.T.  
(center tap)



Full Wave Bridge



Sec.	STANCOR PART NUMBER	Primary Connections		Full-Wave C.T. Output 4.0 A. D.C.				Full-Wave Bridge Output 2.0 A. D.C.			
				Resistive Load		Capacitive Load		Resistive Load		Capacitive Load	
				Input 117 VAC Term No.	Connect Term. No.	Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.	Sec. Volts A.C.	Output Volts D.C.
A	RT-402	1-2	-	58.0	25.0	58.0	33.5	58.0	51.5	58.0	72.5
		1-7	2-6	51.0	21.5	51.0	29.0	51.0	45.0	51.0	63.5
		1-6	2-5	45.5	19.0	45.5	25.0	45.5	40.0	45.5	56.0
		1-7	2-5	41.0	17.0	41.0	22.0	41.0	36.0	41.0	50.0
		1-3	-	38.0	15.5	38.0	20.5	38.5	33.5	38.5	46.5
		1-7	3-6	35.0	14.0	35.0	18.5	35.0	30.5	35.0	42.5
		1-6	3-5	32.0	13.0	32.0	16.5	32.0	28.0	32.0	39.0
		1-7	3-5	29.5	12.0	29.5	145.0	30.0	26.0	30.0	36.0
		1-4	-	28.0	11.0	28.0	14.0	28.5	24.5	28.5	33.5
		1-7	4-6	26.0	10.0	26.0	13.0	26.5	22.5	26.5	31.5
		1-6	4-5	24.5	9.5	24.5	12.0	25.0	21.0	25.0	29.0
		1-7	4-5	23.0	9.0	23.0	11.0	23.5	20.0	23.5	27.0
				Full-Wave C.T.				Full-Wave Bridge Output 8.0 A. D.C.			
B	RT-408	1-2	-	-	-	-	-	53.5	44.0	53.0	63.0
		1-7	2-6	-	-	-	-	50.0	40.5	50.0	59.0
		1-6	2-5	-	-	-	-	45.3	37.0	45.0	52.0
		1-7	2-5	-	-	-	-	42.5	34.5	42.0	48.0
		1-3	-	-	-	-	-	37.5	30.5	37.5	40.0
		1-7	3-6	-	-	-	-	35.5	27.5	35.5	39.0
		1-6	3-5	-	-	-	-	32.5	25.0	33.0	35.5
		1-7	3-5	-	-	-	-	31.5	24.0	31.5	31.5
		1-4	-	-	-	-	-	29.0	21.5	29.0	29.5
		1-7	4-6	-	-	-	-	27.5	20.5	27.5	28.0
		1-6	4-5	-	-	-	-	26.0	19.5	26.0	26.0
		1-7	4-5	-	-	-	-	25.0	18.0	25.0	25.0

### TECH TIP

#### Bucking/Aiding Coils

A "Buck-Boost" or "Bucking-Aiding" winding is a separate winding that when connected in the same rotation as the main winding adds the turns of the Buck-Boost winding to the turns of the main winding. If the Buck-Boost is connected in opposition to the main winding, it is equivalent to removing turns from the main winding.