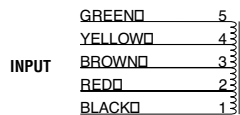
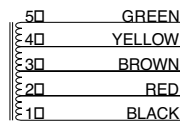




AF140

Connection Tables for Auto Transformer

POWER RATING: 140 WATTS
FREQUENCY RESPONSE: $\pm 1\text{dB}$ – 30Hz – 15kHz
INSERTION LOSS: .3dB
STEP UP

MODEL AF140
OUTPUT
STEP UP

MODEL AF140
OUTPUT
EXAMPLE: USING V RATIO

70.7V connected to input (1 & 3)
Load connected to output (1 & 5)
Multiply 70.7V x V Ratio of taps 1 & 3
70.7V x 2 = 140V
This will allow a 70.7V line to be stepped up to 140 volts

EXAMPLE: USING Z RATIO

8 Ω connected to input (1 & 3)
Load connected to output (1 & 5)
Multiply 8 Ω x Z Ratio of taps 1 & 3
This will allow a 32 Ω load to be connected to an 8 Ω amplifier output

INPUT TAPS	OUTPUT TAPS	URNS RATIO	VOLTAGE RATIO	IMPEDANCE RATIO
1 & 2	1 & 3	1:1.25	1.25	1.56
1 & 2	1 & 4	1:1.88	1.88	3.51
1 & 2	1 & 5	1:2.50	2.50	6.25
1 & 3	1 & 4	1:1.15	1.5	2.25
1 & 3	1 & 5	1:2.0	2.0	4.00
1 & 4	1 & 5	1:1.33	1.33	1.8

EXAMPLE: USING V RATIO

70.7V connected to input (1 & 5)
Load connected to output (1 & 3)
Multiply 70.7V x V Ratio of taps 1 & 3
70.7V x .5 = 35V
This will allow a 70.7V line to be stepped up to 35 volts

EXAMPLE: USING Z RATIO

8 Ω connected to input (1 & 5) i.e. amp output
Load connected to output (1 & 3)
Multiply 8 Ω x Z Ratio of taps 1 & 3
This will allow a 2 Ω load to be connected to an 8 Ω amplifier output

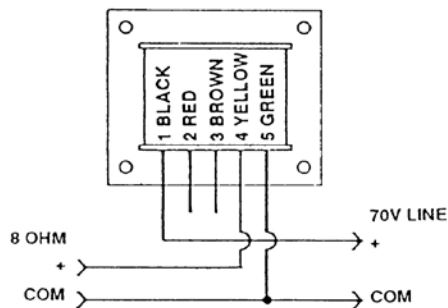
INPUT TAPS	OUTPUT TAPS	URNS RATIO	VOLTAGE RATIO	IMPEDANCE RATIO
1 & 5	1 & 2	2.5:1	.40	.16
1 & 5	1 & 3	2.0:1	.50	.25
1 & 5	1 & 4	1.33:1	.75	.56
1 & 4	1 & 2	1.87:1	.53	.28
1 & 4	1 & 3	1.50:1	.67	.45
1 & 3	1 & 2	1.25:1	.80	.64
2 & 4	3 & 4	1.40:1	.71	.51
2 & 4	2 & 3	3.50:1	.29	.08

INPUT TAPS	OUTPUT TAPS	URNS RATIO	VOLTAGE RATIO	IMPEDANCE RATIO
1 & 2	1 & 3	1:1.25	1.25	1.56
1 & 2	1 & 4	1:1.88	1.88	3.51
1 & 2	1 & 5	1:2.50	2.50	6.25
1 & 3	1 & 4	1:1.15	1.5	2.25
1 & 3	1 & 5	1:2.0	2.0	4.00
1 & 4	1 & 5	1:1.33	1.33	1.8

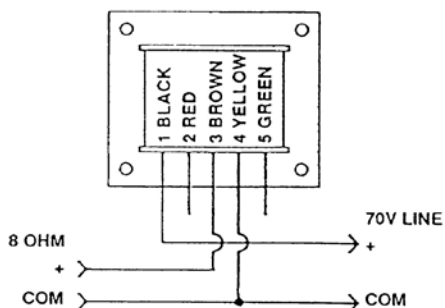
INPUT TAPS	OUTPUT TAPS	URNS RATIO	VOLTAGE RATIO	IMPEDANCE RATIO
1 & 2	1 & 3	1:1.25	1.25	1.56
1 & 2	1 & 4	1:1.88	1.88	3.51
1 & 2	1 & 5	1:2.50	2.50	6.25
1 & 3	1 & 4	1:1.15	1.5	2.25
1 & 3	1 & 5	1:2.0	2.0	4.00
1 & 4	1 & 5	1:1.33	1.33	1.8

AF140

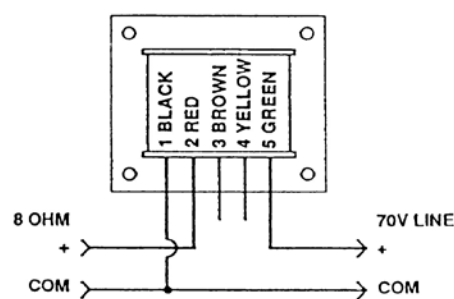
Connection Tables for Auto Transformer



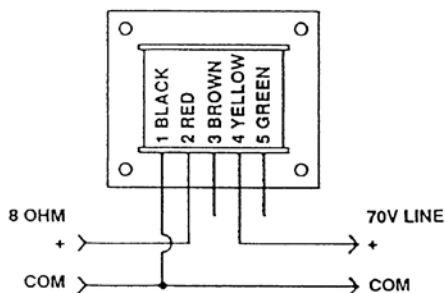
Amplifier Rating:
30-45 Watts



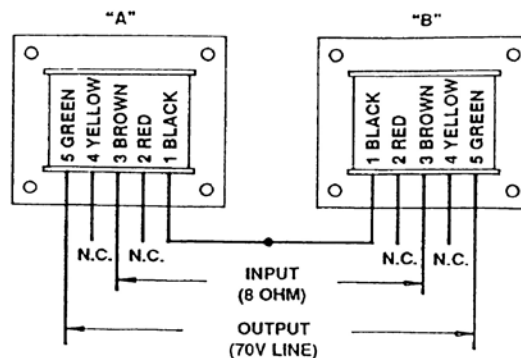
Amplifier Rating:
50-80 Watts



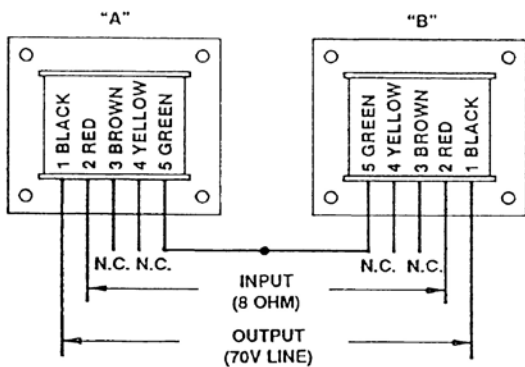
Amplifier Rating:
85-100 Watts



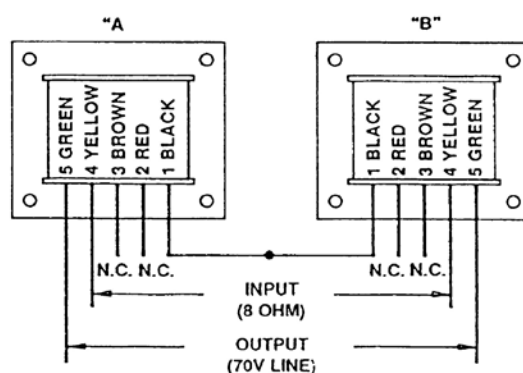
Amplifier Rating:
115-150 Watts



Amplifier Rating: 160-190 Watts



Amplifier Rating: 200-260 Watts



Amplifier Rating: 270-300 Watts