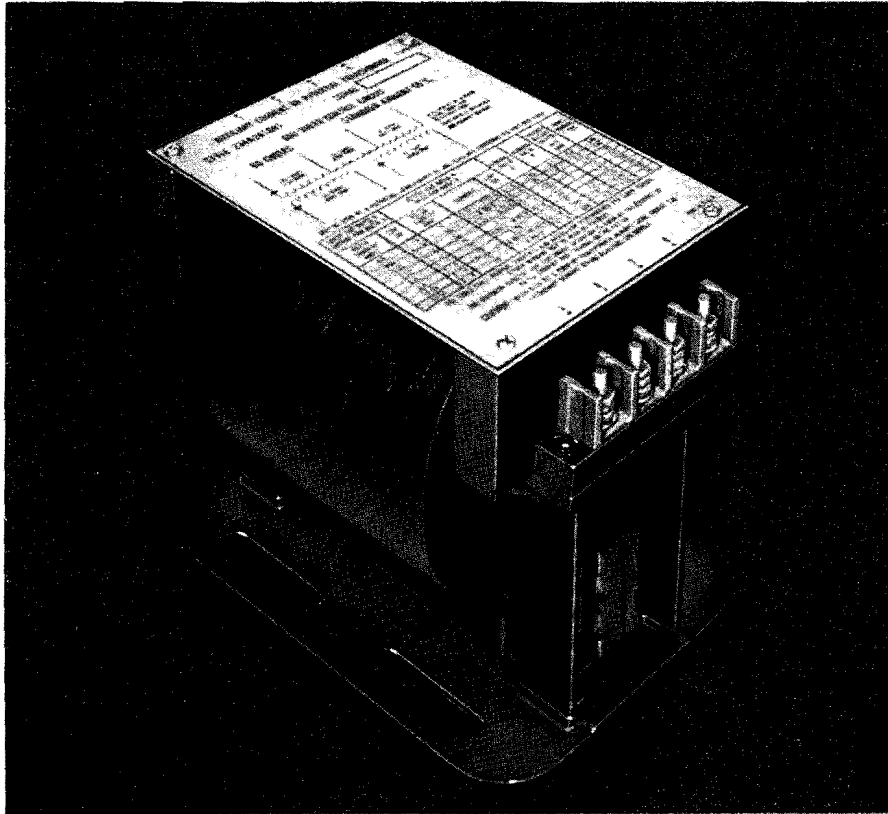


Westinghouse



Auxiliary Current or Potential Transformers

Indoor, 60 Cycles
600 Volts Control Circuit Voltage
2500 Volts Test Voltage



Application

These transformers change the overall ratio of main current transformers. They are connected in series with the secondary of the main current transformer when currents of various magnitudes or phase relationships must be matched. Special ratios in addition to those listed may be obtained by connecting the windings as auto transformers.

The transformer may be used as a potential transformer at voltages not exceeding 0.6 volt per turn. When used as a potential transformer the burden impedance must be at least 100 times the transformer impedance in order to keep the ratio error within 1%:

$$\text{Transformer Impedance} = \frac{\text{Secondary Resistance} + \text{Primary Resistance} \times \left(\frac{\text{Secondary Turns}}{\text{Primary Turns}}\right)^2}{100}$$

Example: Transformer Style Number 234A240G03

Secondary: Two 80-turn sections in series = 160 turns, 0.133 ohm.

Primary: 100 turns (terminals 1-3) = 0.084 ohm.

$$\text{Impedance} = 0.133 + 0.084 \left(\frac{160}{100}\right)^2 = 0.348$$

The burden impedance should be at least 34.8 ohms.

Construction Features

Terminals

Coil leads are brought out to stud type terminals, each mounted in a shielded recess in the molded terminal block.

Core and Coils

Coils are impregnated with a plastic compound to prevent moisture penetration. This also increases dielectric strength. Hipersil® cores are used.

Mounting

This transformer has all-welded core supports. The base is designed with slots for flat surface mounting and for pipe frame mounting using U-bolts.

Style Numbers

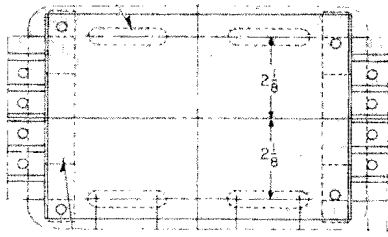
To determine style number desired, refer to nameplate data on pages 3 and 4.

Westinghouse



Dimensions and Weights

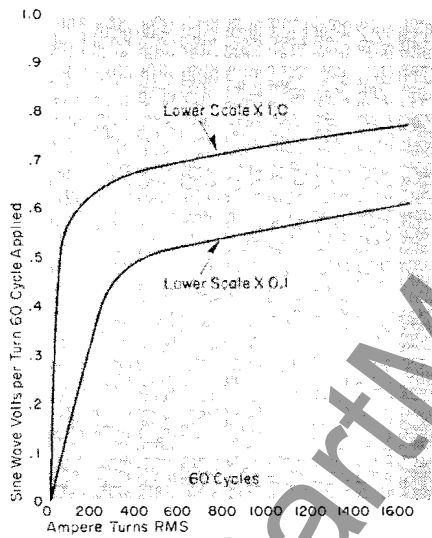
FIGURE 1. DIMENSIONS AND WEIGHTS (continued)



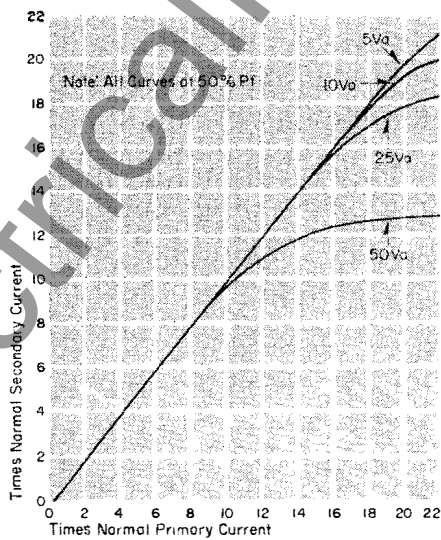
Approx. Weight, Pounds:
27 Net, 30 Shipping.

Performance Curves

Saturation Curves



Overcurrent Ratio Curves



Ratio Reference

Ratio	Style Number	Rating Factor
3/5	234A240G01	2.0
3/1	234A240G01	2.0
	234A241G04	2.0
3/2	234A240G02	2.0
	234A241G04	2.0
4/5	234A240G01	1.75
4/1	234A240G01	1.75
	234A241G04	1.75
4/2	234A240G02	1.75
	234A241G04	1.75
4/3	234A240G02	2.0
4/4	234A240G02	1.75
	234A240G07	2.0
4.62/4	234A240G07	1.75
4.8/4	234A240G07	1.75
5/5	234A240G01	1.5
5/1	234A240G01	1.5
	234A241G04	1.5
5/2	234A240G02	1.5
	234A241G04	1.5
5/3	234A241G03	2.0
5/4	234A240G02	1.5
	234A241G03	1.75
5/5	234A241G03	1.5
6/5	234A240G04	2.0
6/1	234A240G04	2.0
	234A240G05	2.0
6/2	234A240G05	2.0
6/4	234A240G06	2.0
6/5	234A240G03	2.0
7.5/5	234A240G01	1.25
7.5/1	234A240G01	1.25
	234A241G04	1.25
7.5/2	234A240G02	1.25
	234A241G04	1.25
7.5/4	234A240G02	1.25
8/5	234A240G04	1.75
8/1	234A240G04	1.75
	234A240G05	1.75
8/2	234A240G05	1.75
8/4	234A240G06	1.75
	234A240G07	2.0
8/4.62	234A240G07	1.75
8/4.8	234A240G07	1.75
8/5	234A240G03	1.75
8/6	234A240G06	2.0
8/8	234A240G06	1.75
10/5	234A240G04	1.5
10/1	234A240G04	1.5
	234A240G05	1.5
10/2	234A240G05	1.5
10/3	234A241G02	2.0
	234A241G03	2.0
10/4	234A240G06	1.5
	234A241G02	1.75
	234A241G03	1.75
10/5	234A240G03	1.5
	234A241G02	1.5
	234A241G03	1.5
	234A240G03	2.0
10/7.5	234A241G02	1.25
10/8	234A240G03	1.75
	234A240G06	1.50
10/10	234A240G03	1.5
16/4	234A241G01	2.0
16/5.33	234A241G01	1.75
16/6.4	234A241G01	1.5
16/10.66	234A241G01	1.25
20/3	234A241G02	2.0
20/4	234A241G02	1.75
20/5	234A241G02	1.5
20/7.5	234A241G02	1.25
32/4	234A241G01	2.0
32/5.33	234A241G01	1.75
32/6.4	234A241G01	1.5
32/10.66	234A241G01	1.25

www.ElectricalPartMan.com

Auxiliary Current or Potential Transformers

Indoor, 60 Cycles
600 Volts Control Circuit Voltage
2500 Volts Test Voltage

Nameplate Data

Style Number 234A240G01

1 2 3 4 51297B

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G01 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN

INPUT FOR RATIO A OUTPUT FOR RATIO B		OUTPUT FOR RATIO A INPUT FOR RATIO B		NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
RATED CURRENT AMPS	LEADS	RATED CURRENT AMPS	CONNECT				
2	1-4	1.0	5107-6108	5-8	3	0.333	2.0
3	1-4	0.5	6107	5-8	6	0.166	2.0
4	1-3	1.0	5107-6108	5-8	4	0.250	1.75
4	1-3	0.5	6107	5-8	8	0.125	1.75
5	1-2	1.0	5107-6108	5-8	5	0.200	1.50
5	1-2	0.5	6107	5-8	10	0.100	1.50
7.5	2-4	1.0	5107-6108	5-8	7.5	0.132	1.25
7.5	2-4	0.5	6107	5-8	15	0.067	1.25

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 2880A EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A240G02

1 2 3 4 51298C

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G02 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN

INPUT FOR RATIO A OUTPUT FOR RATIO B		OUTPUT FOR RATIO A INPUT FOR RATIO B		NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
RATED CURRENT AMPS	LEADS	RATED CURRENT AMPS	CONNECT				
2	1-4	1.0	5107-6108	5-8	0.75	1.333	2.0
3	1-4	0.5	6107	5-8	1.50	0.666	2.0
4	1-3	1.0	5107-6108	5-8	1.00	1.00	1.75
4	1-3	0.5	6107	5-8	2.00	0.50	1.75
5	1-2	1.0	5107-6108	5-8	0.75	1.333	1.50
5	1-2	0.5	6107	5-8	1.50	0.666	1.50
7.5	2-4	1.0	5107-6108	5-8	1.875	0.533	1.25
7.5	2-4	0.5	6107	5-8	3.75	0.267	1.25

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 2880A EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A240G03

1 2 3 4 51299B

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G03 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN

INPUT FOR RATIO A OUTPUT FOR RATIO B		OUTPUT FOR RATIO A INPUT FOR RATIO B		NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
RATED CURRENT AMPS	LEADS	RATED CURRENT AMPS	CONNECT				
6	1-4	1.0	5107-6108	5-8	0.60	1.666	2.0
6	1-4	0.5	6107	5-8	1.20	0.832	2.0
8	1-3	1.0	5107-6108	5-8	0.80	1.25	1.75
8	1-3	0.5	6107	5-8	1.60	0.625	1.75
10	1-2	1.0	5107-6108	5-8	1.00	1.00	1.50
10	1-2	0.5	6107	5-8	2.00	0.50	1.50

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 2880A EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A240G04

1 2 3 4 51402B

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G04 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN

INPUT FOR RATIO A OUTPUT FOR RATIO B		OUTPUT FOR RATIO A INPUT FOR RATIO B		NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
RATED CURRENT AMPS	LEADS	RATED CURRENT AMPS	CONNECT				
6	1-4	1.0	5107-6108	5-8	0.166	2.0	1.40
6	1-4	0.5	6107	5-8	12	0.082	2.0
8	1-3	1.0	5107-6108	5-8	0.172	1.75	1.05
8	1-3	0.5	6107	5-8	16	0.063	1.75
10	1-2	1.0	5107-6108	5-8	10	0.100	1.50
10	1-2	0.5	6107	5-8	20	0.050	1.50

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 2880A EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A240G05

1 2 3 4 51417B

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G05 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN

INPUT FOR RATIO A OUTPUT FOR RATIO B		OUTPUT FOR RATIO A INPUT FOR RATIO B		NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
RATED CURRENT AMPS	LEADS	RATED CURRENT AMPS	CONNECT				
6	1-4	1.0	5107-6108	5-8	0.333	2.0	1.40
6	1-4	0.5	6107	5-8	6	0.166	2.0
8	1-3	1.0	5107-6108	5-8	4	0.250	1.75
8	1-3	0.5	6107	5-8	8	0.125	1.75
10	1-2	1.0	5107-6108	5-8	5	0.200	1.50
10	1-2	0.5	6107	5-8	10	0.100	1.50

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 2880A EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A240G06

1 2 3 4 51402B

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G06 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN

INPUT FOR RATIO A OUTPUT FOR RATIO B		OUTPUT FOR RATIO A INPUT FOR RATIO B		NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
RATED CURRENT AMPS	LEADS	RATED CURRENT AMPS	CONNECT				
6	1-4	1.0	5107-6108	5-8	0.75	1.333	2.0
6	1-4	0.5	6107	5-8	1.50	0.666	2.0
8	1-3	1.0	5107-6108	5-8	1.00	1.00	1.75
8	1-3	0.5	6107	5-8	2.00	0.50	1.75
10	1-2	1.0	5107-6108	5-8	1.75	0.80	1.50
10	1-2	0.5	6107	5-8	3.50	0.40	1.50

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 2880A EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Auxiliary Current or Potential Transformers

Indoor, 60 Cycles
600 Volts Control Circuit Voltage
2500 Volts Test Voltage

Nameplate Data—Continued

Style Number 234A240G07

1 2 3 4 51430D

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A240G07 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. * POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN.

INPUT FOR RATIO A OUTPUT FOR RATIO B	RATED CURRENT AMPS.	LEADS	RATED CURRENT AMPS.	CONNECT	LEADS	NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
4	1-4	8	5 T0 7-6 T0 8	5-8	0.5	2.0	2.0	170	
4	1-4	4	6 T0 7	5-8	1.0	1.0	2.0	170	
4	1-3	8	5 T0 7-6 T0 8	5-8	0.577	1.73	1.75	150	
4	1-3	4	6 T0 7	5-8	1.15	0.867	1.75	150	
4	1-2	8	5 T0 7-6 T0 8	5-8	0.6	1.67	1.75	140	
4	1-2	4	6 T0 7	5-8	1.2	0.833	1.75	140	

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 28034 EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A241G01

1 2 3 4 53774A

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A241G01 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. * POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.5 VOLT PER TURN.

INPUT FOR RATIO A OUTPUT FOR RATIO B	RATED CURRENT AMPS.	LEADS	RATED CURRENT AMPS.	CONNECT	LEADS	NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
4	1-4	32	5 T0 7-6 T0 8	5-8	1.25	8	2.0	145	
4	1-4	16	6 T0 7	5-8	2.5	1.0	1.0	140	
4	1-3	32	5 T0 7-6 T0 8	5-8	1.66	6	1.75	125	
4	1-3	16	6 T0 7	5-8	3.33	3	1.75	125	
4	1-2	32	5 T0 7-6 T0 8	5-8	2.0	3	1.50	100	
4	1-2	16	6 T0 7	5-8	4.0	2.5	1.50	100	
10	2-4	32	5 T0 7-6 T0 8	5-8	3.33	3	1.25	50	
10	2-4	16	6 T0 7	5-8	6.66	1.5	1.25	50	

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 28034 EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A241G02

1 2 3 4 54918A

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A241G02 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. * POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN.

INPUT FOR RATIO A OUTPUT FOR RATIO B	RATED CURRENT AMPS.	LEADS	RATED CURRENT AMPS.	CONNECT	LEADS	NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
3	1-4	20	5 T0 7-6 T0 8	5-8	0.15	6.666	2.0	185	
3	1-4	10	6 T0 7	5-8	0.30	3.333	2.0	185	
4	1-3	20	5 T0 7-6 T0 8	5-8	0.20	5.0	1.75	125	
4	1-3	10	6 T0 7	5-8	0.40	2.50	1.75	125	
5	1-2	20	5 T0 7-6 T0 8	5-8	0.25	4.0	1.50	100	
5	1-2	10	6 T0 7	5-8	0.50	2.0	1.50	100	
7.5	2-4	20	5 T0 7-6 T0 8	5-8	0.375	2.666	1.25	65	
7.5	2-4	10	6 T0 7	5-8	0.75	1.333	1.25	65	

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 28034 EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A241G03

1 2 3 4 5493

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A241G03 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. * POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.5 VOLT PER TURN.

INPUT FOR RATIO A OUTPUT FOR RATIO B	RATED CURRENT AMPS.	LEADS	RATED CURRENT AMPS.	CONNECT	LEADS	NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
3	1-4	10	5 T0 7-6 T0 8	5-8	0.30	3.33	2.0	140	
3	1-4	5	6 T0 7	5-8	0.60	1.67	2.0	140	
4	1-3	10	5 T0 7-6 T0 8	5-8	0.40	2.50	1.75	105	
4	1-3	5	6 T0 7	5-8	0.80	1.25	1.75	105	
5	1-2	10	5 T0 7-6 T0 8	5-8	0.50	2.00	1.50	84	
5	1-2	5	6 T0 7	5-8	1.00	1.00	1.50	84	

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 28034 EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Style Number 234A241G04

1 2 3 4 68256A

AUXILIARY CURRENT OR POTENTIAL TRANSFORMER

STYLE 234A241G04 SERIAL

55°C. RISE 600 VOLTS CONTROL CIRCUIT
60 CYCLES

DEVELOPMENT OF WINDING GIVING TURNS AND RESISTANCE OHMS. REACTANCE IS NEGLIGIBLE. * POLARITY MARKERS.

MAY BE USED AS A POTENTIAL TRANSFORMER AT VOLTAGES NOT EXCEEDING 0.6 VOLT PER TURN.

INPUT FOR RATIO A OUTPUT FOR RATIO B	RATED CURRENT AMPS.	LEADS	RATED CURRENT AMPS.	CONNECT	LEADS	NOMINAL RATIO A	NOMINAL RATIO B	CONT. THERMAL RATING FACTOR	TIMES NORMAL 1 SEC. THERMAL
3	1-4	2.0	5 T0 7-6 T0 8	5-8	1.5	0.666	2.0	140	
3	1-4	1.0	6 T0 7	5-8	3.0	0.333	2.0	140	
4	1-3	2.0	5 T0 7-6 T0 8	5-8	2.0	0.50	1.75	105	
4	1-3	1.0	6 T0 7	5-8	4.0	0.25	1.75	105	
5	1-2	2.0	5 T0 7-6 T0 8	5-8	2.5	0.40	1.50	84	
5	1-2	1.0	6 T0 7	5-8	5.0	0.20	1.50	84	
7.5	2-4	2.0	5 T0 7-6 T0 8	5-8	3.75	0.266	1.25	56	
7.5	2-4	1.0	6 T0 7	5-8	7.5	0.133	1.25	56	

THE TABLE GIVES NOMINAL CURRENTS AND RATIOS FOR PERFORMANCE PER CURVE 28034 EITHER WINDING MAY BE USED AS PRIMARY.

THE MAXIMUM CURRENT FOR CONTINUOUS OPERATION IS GIVEN BY THE PRODUCT OF RATED CURRENT AND THERMAL RATING FACTOR.

CAUTION: WHEN USED AS A CURRENT TRANSFORMER ALWAYS SHORT CIRCUIT THE SECONDARY WINDING BEFORE REMOVING THE BURDEN.

WESTINGHOUSE ELECTRIC CORPORATION, SHARON, PA., U. S. A. MADE IN U. S. A.

5 6 7 8

Further Information

Prices: Price List 44-020