



Westinghouse Electric Corporation
Transformer Components Division
Five Parkway Center, Greentree Rd.
Pittsburgh, PA 15220

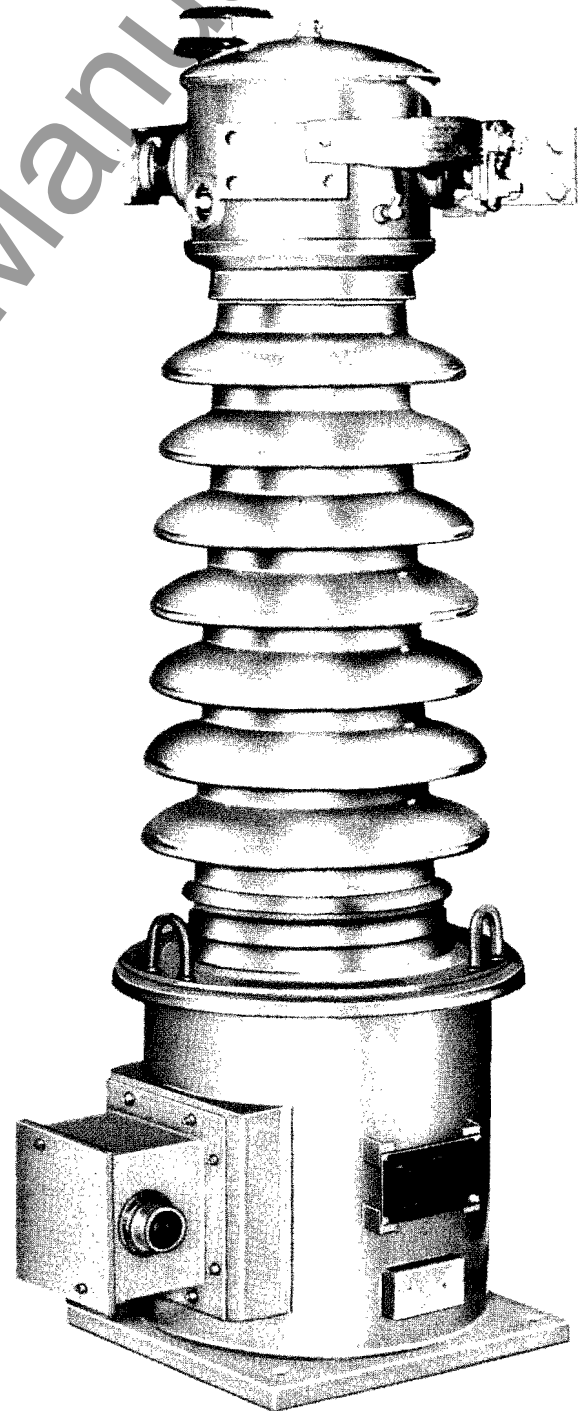
Product Bulletin
44-390

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August 18, 1982
New Information
Mailed to: E, D, C/2048/DB

25 Through 69 Kv, Outdoor,
150 Through 350 Kv BIL,
Primary Amperes: 10 x 20 Through
1500 x 3000
60 Hertz

Type ACT Current Transformers



Application

The type ACT is an oil-filled outdoor current transformer suitable for metering or relaying on high voltage circuits.

Ratings

Continuous Current Rating: Rating Factor of 1.5 for Ratings up through 400 x 800.

Rating Factor of 1.0 for Ratings 500 x 1000 and Above.

Thermal Rating: Check Westinghouse for Designs with Rating Factor of 1.0.

75 Times Normal (1 Sec.) for Designs with Rating Factor of 1.5.

Mechanical Rating (RMS Symmetrical):

Check Westinghouse for Designs with Rating Factor of 1.0.

100 Times Normal for Designs with Rating Factor of 1.5.

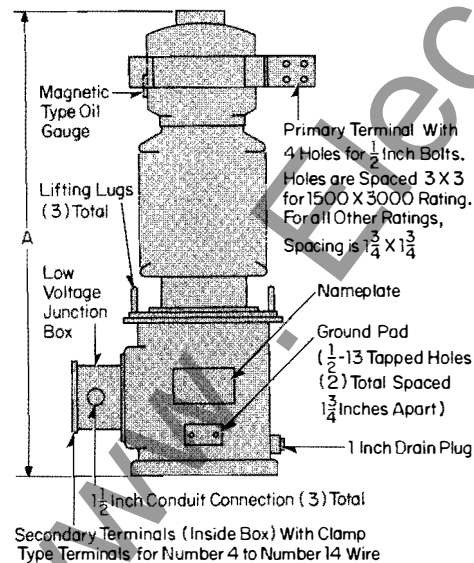
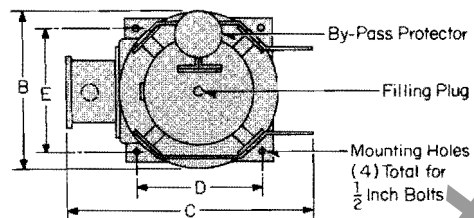
Accuracy: ANSI Metering Accuracy Class (60 Hertz): 0.3 class for B-0.1, B-0.5 and B-2.0 burdens.

ANSI Relaying Accuracy Class: T200

Further Information:

Prices: See Price List 44-321.

Dimensions



Selector Guide

Primary Ampere Rating ^①	ACT-150 150 Kv BIL 25000 Volts Style Number ^②	ACT-200 200 Kv BIL 34500 Volts Style Number ^②	ACT-250 250 Kv BIL 46000 Volts Style Number ^②	ACT-350 350 Kv BIL 69000 Volts Style Number ^②
10 x 20	882A746H02	882A747H02	882A748H02	882A749H02
25 x 50	882A746H05	882A747H05	882A748H05	882A749H05
50 x 100	882A746H08	882A747H08	882A748H08	882A749H08
75 x 150	882A746H10	882A747H10	882A748H10	882A749H10
100 x 200	882A746H11	882A747H11	882A748H11	882A749H11
150 x 300	882A746H13	882A747H13	882A748H13	882A749H13
200 x 400	882A746H14	882A747H14	882A748H14	882A749H14
300 x 600	882A746H16	882A747H16	882A748H16	882A749H16
400 x 800	882A746H17	882A747H17	882A748H17	882A749H17
500 x 1000	882A746H18	882A747H18	882A748H18	882A749H18
600 x 1200	882A746H19	882A747H19	882A748H19	882A749H19
800 x 1600	882A746H25	882A747H25	882A748H25	882A749H25
1000 x 2000	882A746H26	882A747H26	882A748H26	882A749H26
1500 x 3000	882A746H28	882A747H28	882A748H28	882A749H28

① Secondary current rating is 5 amperes.

② Transformers are shipped connected for higher current rating.

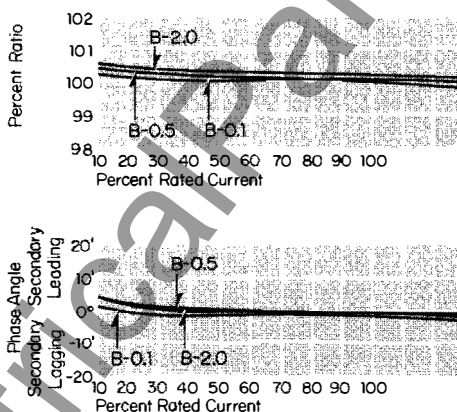
Typical Performance Curves

B-0.1: 0.1 ohm, 90% pf, 60 Hertz, 2.5 VA

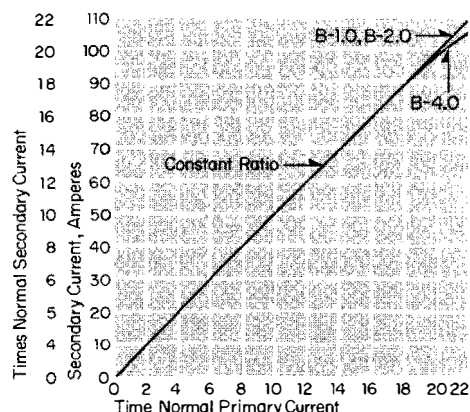
B-0.5: 0.5 ohm, 90% pf, 60 Hertz, 12.5 VA

B-2.0: 2.0 ohms, 50% pf, 60 Hertz, 50.0 VA

Ratio and Phase Angle Curves



Overcurrent Ratio Curves



Dimensions, continued

	Primary Current Rating	Approx. Dimensions: Inches					Approx. Wt: Lbs.		Approx. Gallons of Oil
		A	B	C	D	E	Net	Shipping	
ACT-150	5 x 10 - 300 x 600	44 1/2	17 1/4	23 3/8	10 1/2	10 1/2	300	375	7
	400 x 800 - 1000 x 2000	40 3/8	17 1/4	24 3/8	10 1/2	10 1/2	325	400	7 1/2
	1500 x 3000	45 3/8	17 1/4	30 3/8	10 1/2	10 1/2	350	425	7 1/2
ACT-200	5 x 10 - 300 x 600	49	17 3/4	24 1/8	11 1/2	11 1/2	350	425	7 1/2
	400 x 800 - 1000 x 2000	45 1/8	17 3/4	25 1/8	11 1/2	11 1/2	375	450	8
	1500 x 3000	50 3/8	17 3/4	30 3/8	11 1/2	11 1/2	400	475	8
ACT-250	5 x 10 - 300 x 600	53 1/2	18 1/4	24 3/8	12 1/2	12 1/2	400	475	9 1/2
	400 x 800 - 1000 x 2000	49 3/8	17 3/4	25 3/8	12 1/2	12 1/2	425	500	10
	1500 x 3000	54 3/8	17 3/4	30 3/8	12 1/2	12 1/2	450	525	10
ACT-350	5 x 10 - 300 x 600	61	18 3/4	24 3/8	13 1/2	13 1/2	500	575	12
	400 x 800 - 1000 x 2000	57 1/8	17 3/4	25 3/8	13 1/2	13 1/2	525	600	12 1/2
	1500 x 3000	62 3/8	17 3/4	30 3/8	13 1/2	13 1/2	550	625	12 1/2