

GEC Durham Industries, Inc.

www.gecdurham.com



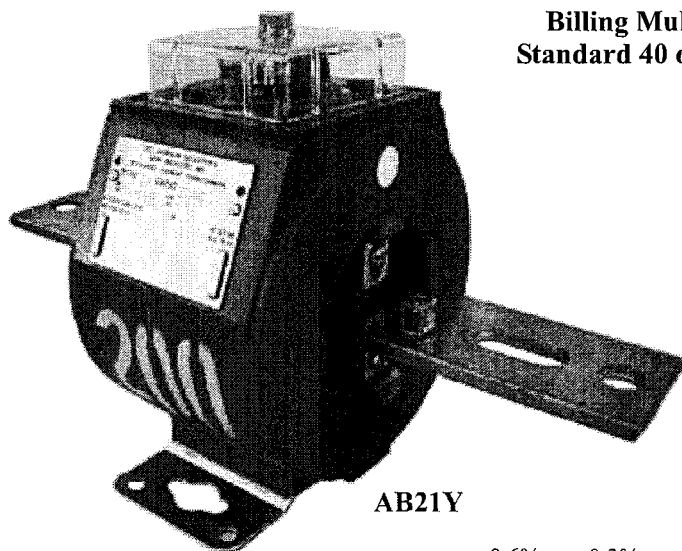
ELIMINATOR Extended Range Transformers

Features:

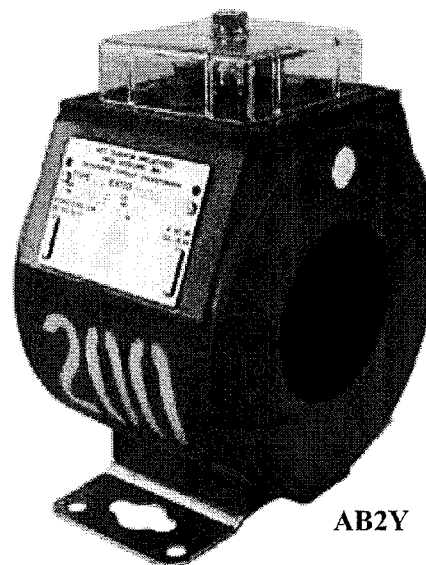
- Maintain the 0.3% ANSI Accuracy down to 40% instead of 100%
- Maintain the 0.6% Accuracy down to 4% instead of the ANSI 10%
- Meter the light loads with greater accuracy
- Eliminate Billing Multiplier errors
- Eliminate stocking several Ratio's of CT's with one CT
- All Astra Transformers rated for indoor or outdoor

NEW 200:5 CT's!

Billing Multiplier
Standard 40 on 200:5's



AB21Y



AB2Y

Model	Ratio	Catalog Number	Rated Burden	0.6% Accuracy Class Amps.	0.3% Accuracy Class Amps.	Rating Factor 30C	Rating Factor 55C	Window Bar Type	Secondary Terminals	CT Base	Drawing Fig. #
AB2Y	200:5	445YK	0.2	8-79	80-800	4.0	3.0	Window	Stud	Low	1
AB2Y	200:5	445YKP	0.2	8-79	80-800	4.0	3.0	Window	Pressure	Low	1
AB2Y	200:5	445YKH	0.2	8-79	80-800	4.0	3.0	Window	Stud	High	2
AB2Y	200:5	445YKHP	0.2	8-79	80-800	4.0	3.0	Window	Pressure	High	2
AB21Y	200:5	446YK	0.2	8-79	80-800	4.0	3.0	Slotted Bar	Stud	Low	4
AB21Y	200:5	446YKP	0.2	8-79	80-800	4.0	3.0	Slotted Bar	Pressure	Low	4
AB21Y	200:5	446YKH	0.2	8-79	80-800	4.0	3.0	Slotted Bar	Stud	High	5
AB21Y	200:5	446KHP	0.2	8-79	80-800	4.0	3.0	Slotted Bar	Pressure	High	5
AB5Y	500:5	120YKP	0.5	20-199	200-2000	4.0	3.0	Window	Pressure	Low	3
AB51Y	500:5	276YKP	0.5	20-199	200-2000	4.0	3.0	Slotted Bar	Pressure	Low	6
AB51Y	500:5	121YKP	0.5	20-199	200-2000	4.0	3.0	4 Hole Bar	Pressure	Low	7

GEC Durham Industries, Inc.

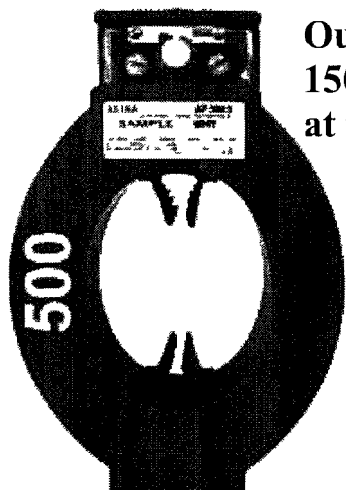
www.gecdurham.com

MANUFACTURER OF

ASTRA
TRANSFORMERS

Padmount Extended Range Transformers

NEW 400:5 EXTENDED RANGE PADMOUNT CT



AP5Y

Our Standard 200:5, 300:5, 400:5, 500:5, 600:5, 1000:5, 1200:5, 1500:5, 2000:5, 3000:5 and 4000:5 units retain their Rating Factors at the High Temperatures of 85 C

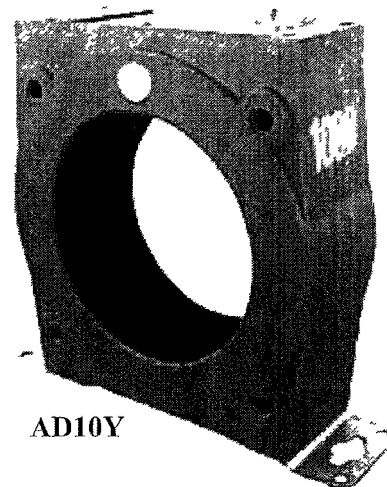
**(1) 500:5 Astra Padmount
Extended Range CT
Can Eliminate
Stocking Several Standard Padmount CT's**

Model	Ratio	Catalog Number	Rated Burden	0.3% Accuracy Class Amps.	0.6% Accuracy Class Amps.	Rating Factor 30C	Rating Factor 55C	Rating Factor 85C	Drawing Fig. #
AP2Y	200:5	601Y	0.1	80-800	8-79	4.0	4.0	4.0	8
AP4Y	400:5	603Y	0.2	160-1600	16-159	4.0	4.0	4.0	8
AP5Y	500:5	604Y	0.5	200-2000	20-199	4.0	4.0	4.0	8
AP15Y	1500:5	609Y	0.5	600-3000	60-599	2.0	2.0	2.0	8

Features:

- Maintain the 0.3% ANSI Accuracy from 40% to 400% at 30C.
- Maintain the 0.6% Accuracy down to 4% instead of the ANSI 10%
- Meter the light loads with greater accuracy
- Eliminate Billing Multiplier errors
- Eliminate stocking several Ratio's of CT's with one CT
- All Astra Transformers rated for indoor or outdoor

Large Type 1 Window Extended Range Transformers



AD10Y

Model	Ratio	Catalog Number	Rated Burden	0.3% Accuracy Class Amps	0.6% Accuracy Class Amps	Rating Factor 30C	Rating Factor 55C	Secondary Terminals	Window Size	Drawing Fig #
AD10Y	1000:5	562YMP	0.5	400-4000	40-399	4.0	3.0	Pressure	5 5/8"	9
AD10Y	1000:5	562YM	0.5	400-4000	40-399	4.0	3.0	Stud	5 5/8"	9

Specifications subject to change without notice

GEC Durham Industries, Inc.

www.gecdurham.com

MANUFACTURER OF **ASTRA**
TRANSFORMERS

Window Type

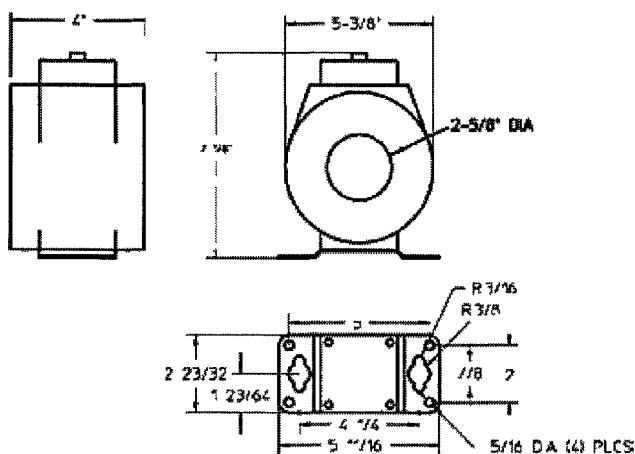


Figure 1

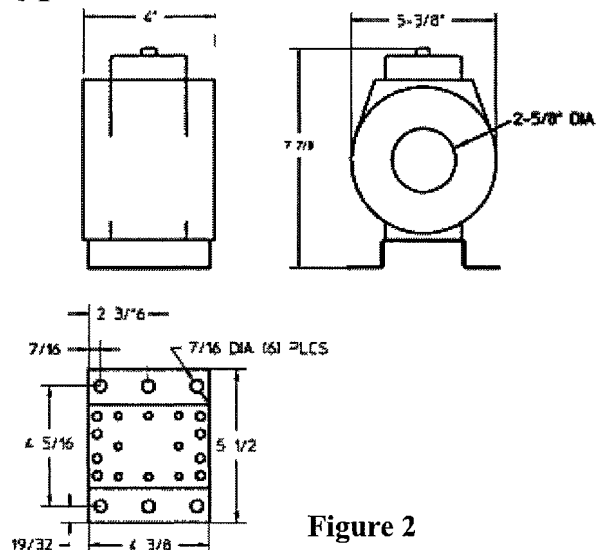


Figure 2

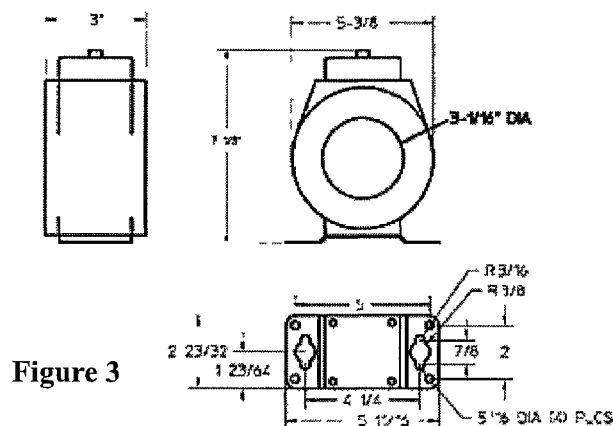


Figure 3

Bar Type

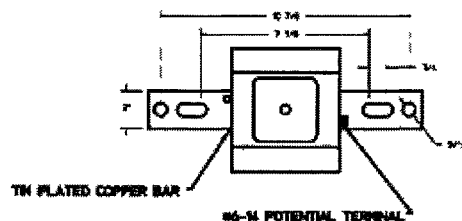


Figure 4

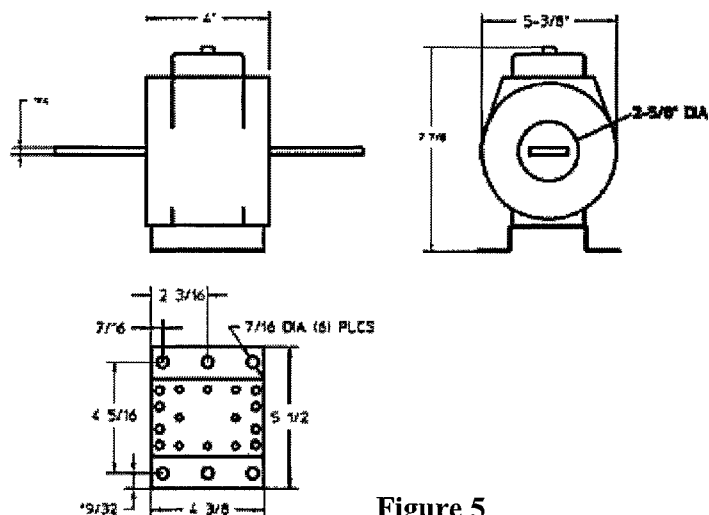


Figure 5

www.gecdurham.com

MANUFACTURING OF

ASTRA
TRANS

The diagram shows a cross-section of the test specimen. It consists of a central square region (the specimen) surrounded by a rectangular frame. The frame is made of two horizontal bars, labeled 'TIN PLATED COPPER BAR' at the bottom. The central square has a side length of 25 mm. The distance between the inner edges of the two horizontal bars is 7.5 mm. The total width of the specimen, including the bars, is 27 mm. The thickness of the horizontal bars is 2 mm. A label '25-16 POTENTIAL TERNOL' points to the central square region.

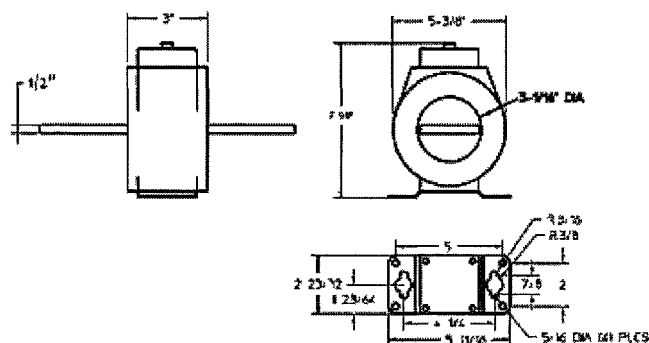
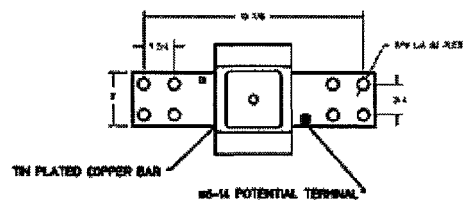


Figure 6

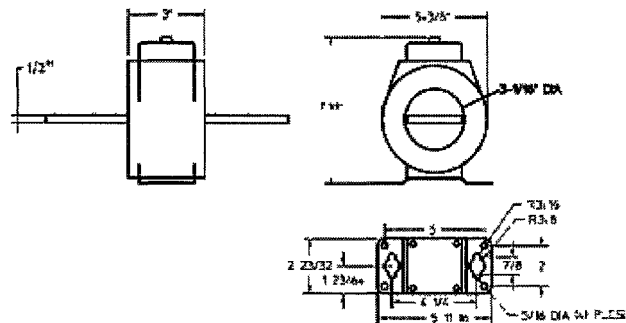


Figure 7

Large Type 1

Padmount Type

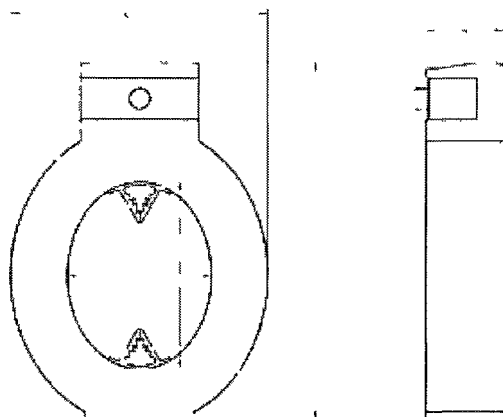


Figure 8

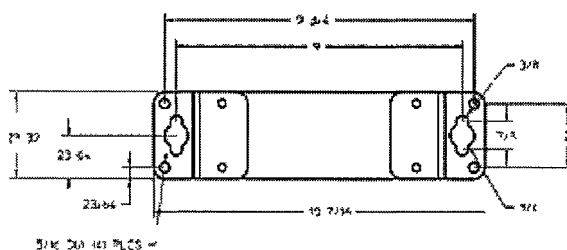
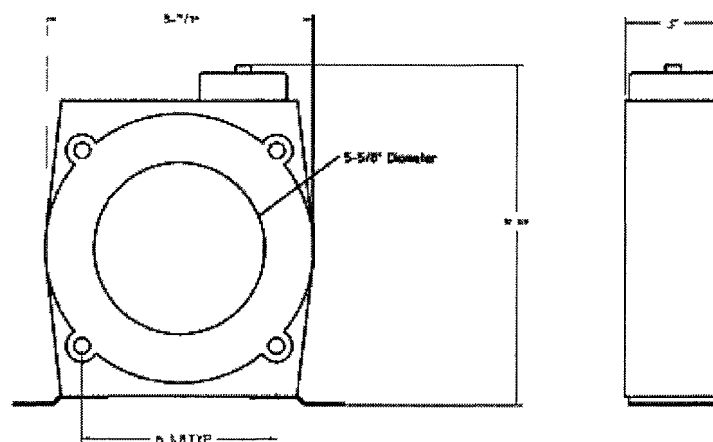


Figure 9