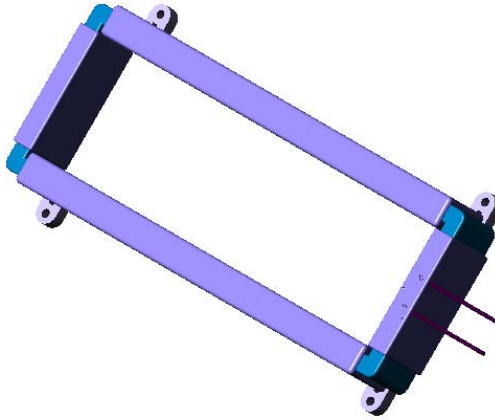




5600 Series Zero Sequence Current Transformer

600 V, 10 kV BIL
Current Rating: 50 Amp to 500 Amp



USE:

5600 Series Zero Sequence Current Transformers are designed for use in ground leakage and ground fault protection applications. The phase and neutral bus or cables are passed through the CT window. Under fault conditions, the residual current (zero phase sequence current), flows through the CT secondary, which operates a relay.

CONSTRUCTION:

- Outer insulation of varnish dipped self amalgamating tape provides a moisture proof seal.
- Grain oriented silicon steel cores.
- Secondary windings are evenly distributed in order to maximize accuracy and minimize leakage.
- Clearly marked polarity indicators.
- #12 Tefzel Secondary Leads—Provided to customer specified length.
- Epoxy mounting feet affixed to core, allowing easy mounting.

CUSTOM OPTIONS:

- Designs can be provided with any window dimension configuration required.
- Mounting feet can be provided on any mounting center arrangement required.
- Non Standard ratio configurations are available on request.

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REV. 0
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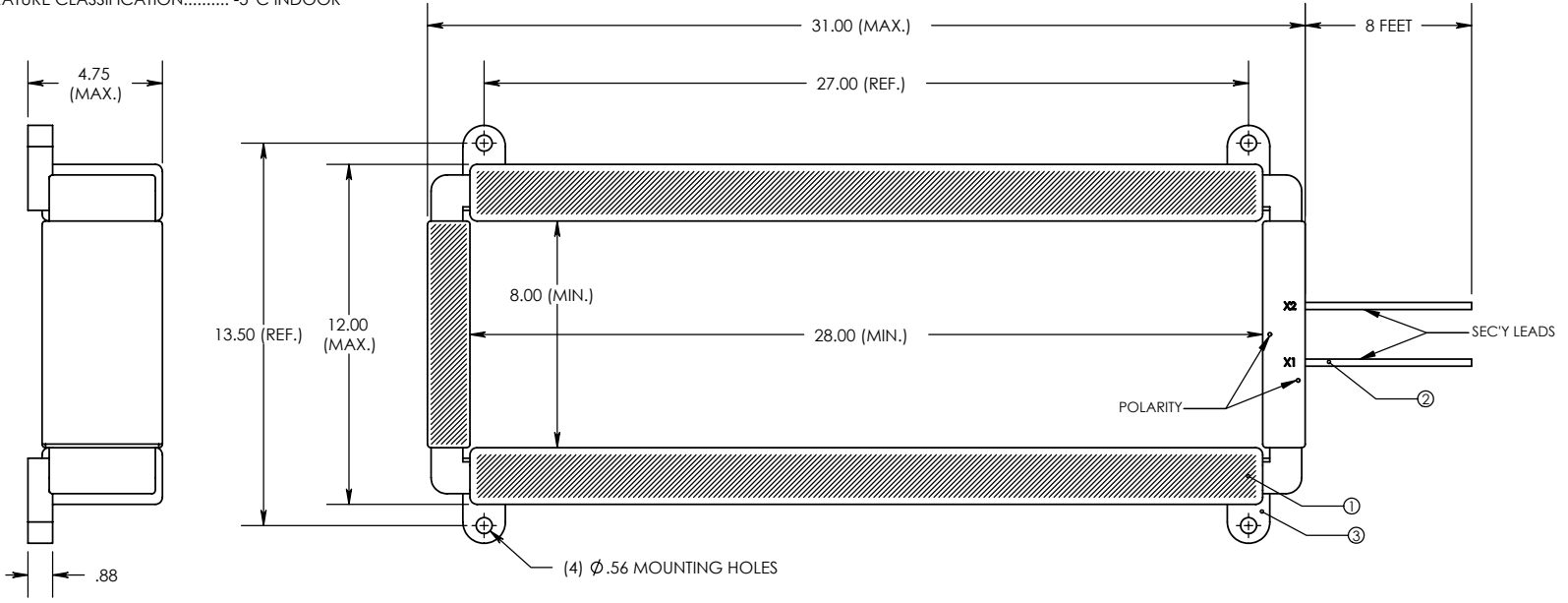
PRODUCT SELECTION GUIDE			
PART NO.	RATIO	RELAYING ACCY'	
		CSA	ANSI
56-093-128-212-532 023R	200/5	10L40	
56-093-128-212-532 035R	500/5	10L100	

NOTES:
 1. WIRE CONNECTIONS MARKED ON LEADS & POLARITY MARKED ON TOP OF COIL
 2. PLACE CT AND MARK FOR MOUNTING HOLES

MATERIAL:
 1. OUTER INSULATION: SELF AMALGAMATING TAPE (BLACK)
 (FINAL COAT WITH 1 APPLICATION OF GLYPTAL)
 2. SECONDARY LEADS - #12 TEFLON
 3. EPOXY MOUNTING PADS

SPECIFICATIONS:
 1. TESTED IN ACCORDANCE WITH ANSI C57.13/CSA C13
 2. NOMINAL VOLTAGE..... 0.6kV
 3. BASIC IMPULSE LEVEL..... 10kV
 4. CURRENT RATING (MAX.) (SEE TABLE)
 5. LOW FREQUENCY WITHSTAND 4.5kV
 6. FREQUENCY 60Hz
 7. APPLICATIONS (RELAYING ONLY - SEE SUFFIX IN PART NO.)
 R - RELAYING
 8. TEMPERATURE CLASSIFICATION..... -5°C INDOOR

D
 CAD FILE: 5600 SERIES
 C
 DWG. NO. 56-093-128-212-532



REV.	REVISIONS
0	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

ONE PLACE MM	±0.50
TWO PLACE MM	±0.25
TWO PLACE DEC.	±0.020
THREE PLACE DEC.	±0.010
ANGLES	1°

TEMPERATURE ±5 °C
 VOLTAGE ±5 %
 AMPERAGE ±5 %
 RESISTANCE ±5 %

* STATISTICAL DIMENSION
 NO. OF SAMPLES [0]

CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE.	
APPROVALS	DATE
DRAWN BY: DB	04/06/2002
CHECKED BY: ---	---
ENGINEERING	---
TOOLING REF.	N/A
PRODUCT GROUP	5600 SERIES

ENGINEERED POWER COMPONENTS

5600 SERIES
 600V / 10kV BIL
 CURRENT TRANSFORMER

SIZE A	DWG. NO. 56-093-128-212-532	REV. 0
SCALE: 1:6	CAD FILE: 5600 SERIES	SHEET 1 OF 1

8 7 6 5 4 3 2 1