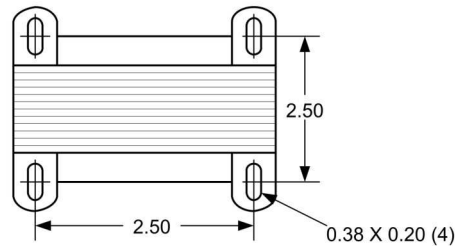
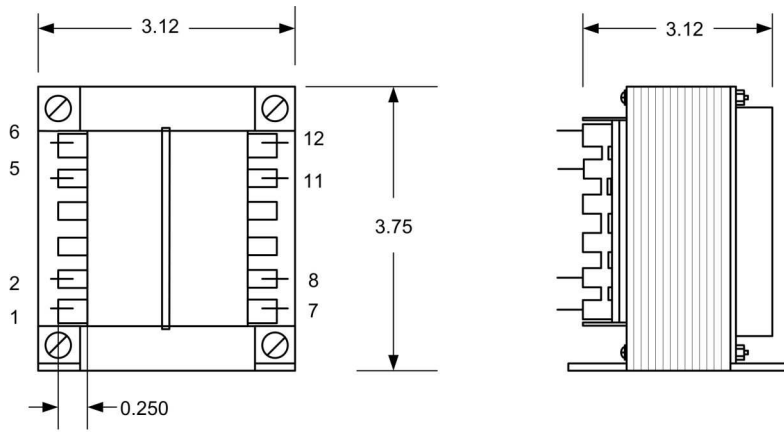


# ADMIRAL CLASS - INTERNATIONAL QUICK-CONNECT TERMINALS, POWER TRANSFORMER



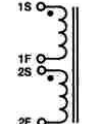
1. Electrical Specifications
  - A. Maximum Power: 175VA
  - B. Input Voltage and Frequency: 115V, 115/230V, 230V 50/60Hz
  - C. Voltage Regulation: \_\_\_% TYP @ full load to no load
  - D. Temperature Rise: \_\_\_°C TYP
  - E. Insulation Resistance: \_\_\_
  - F. Hi-Pot: 4000Vrms 1 minute @ Pri to Sec  
 \_\_\_ Vrms 1 minute @ Pri to Core  
 \_\_\_ Vrms 1 minute @ Sec to Core
2. Marking: Ensign Corp, part number (see table), date code, terminal numbers
3. Safety:
  - UL/cUL 5085-2 Recognized (File E47299)
  - UL 60950 Recognized (File E144070)
  - VDE 0805 Licensed (File 19019-3336-9002/A1C)
  - UL 1446 Recognized Insulation System (File E95662)



### Primary Schematics

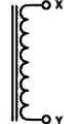


Single Input  
(Specify 115V,  
120V, 230V or  
240V)

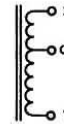


Dual Input  
(Specify  
115/230V or  
120/240V)

### Secondary Schematics



Single  
Output



Center-Tapped  
Output



Dual  
Output

Part Number			Series Connection	Parallel Connection
115V	115/230V	230V		
IT175-1-010X	IT175-2-010X	IT175-3-010X	10VCT @ 17.5A	5V @ 35.0A
IT175-1-012X	IT175-2-012X	IT175-3-012X	12.6VCT @ 14.0A	6.3V @ 28.0A
IT175-1-016X	IT175-2-016X	IT175-3-016X	16VCT @ 11.0A	8V @ 22.0A
IT175-1-020X	IT175-2-020X	IT175-3-020X	20VCT @ 8.8A	10V @ 17.6A
IT175-1-024X	IT175-2-024X	IT175-3-024X	24VCT @ 7.3A	12V @ 14.6A
IT175-1-028X	IT175-2-028X	IT175-3-028X	28VCT @ 6.25A	14V @ 12.5A
IT175-1-036X	IT175-2-036X	IT175-3-036X	36VCT @ 4.8A	18V @ 9.6A
IT175-1-230X	IT175-2-230X	IT175-3-230X	230VCT @ 0.76A	115V @ 1.52A



**POWER TRANSFORMER  
ADMIRAL CLASS**

IT175-1-XXXX  
IT175-2-XXXX  
IT175-3-XXXX

CONTENTS OF THIS DRAWING ARE SUBJECT TO  
CHANGE WITHOUT PRIOR NOTICE

**Ensign Corporation**  
201 ENSIGN RD., BELLEVUE, IA 52031

Dim: Inches

Sheet 1 of 1

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