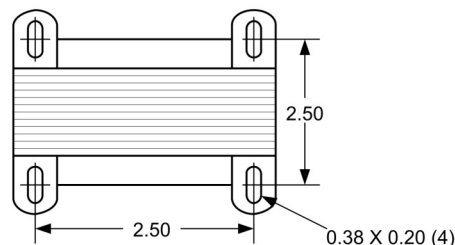
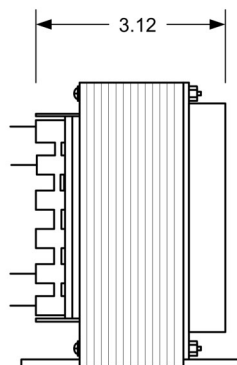
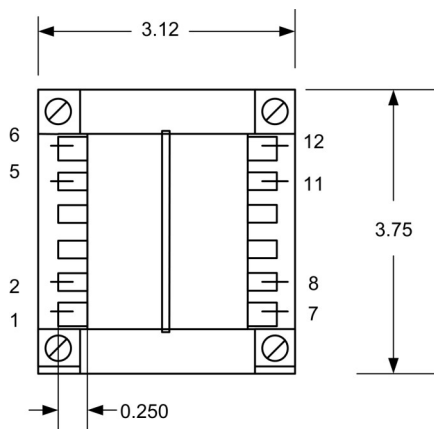


# ADMIRAL CLASS - INTERNATIONAL QUICK-CONNECT TERMINALS, POWER TRANSFORMER



## 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)

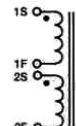
UL 1446 Recognized Insulation System (File E95662)



## Primary Schematics

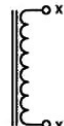


**Single Input**  
(Specify 115V,  
120V, 230V or  
240V)

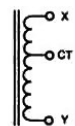


**Dual Input**  
(Specify  
115/230V or  
120/240V)

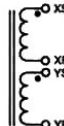
## Secondary Schematics



**Single Output**



**Center-Tapped Output**



**Dual Output**

| Part Number  |              |              |                   |                     |
|--------------|--------------|--------------|-------------------|---------------------|
| 115V         | 115/230V     | 230V         | Series Connection | Parallel Connection |
| 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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