

# ImperviTRAN®



**ImperviTRAN®** is the ultra-reliable industrial control circuit transformer and the most accepted transformer in the industry. Behind its clean design is a toughness that makes it measure up to any requirement placed upon it. ImperviTRAN transformers carry Micron's 20-year warranty.

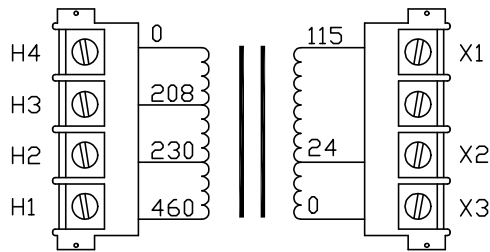
- Epoxy encapsulated coils
- 20-year warranty, double the industry standard
- Secondary fuse clips where applicable
- Optional primary fusing
- Molded terminal barriers
- 10-32 screw terminals
- Molded-in terminals
- Phil-slot screws



If you have any questions or we can be of any assistance in helping you determine your transformer requirements, please call our Technical Support Group at:

**1-800-664-4660**



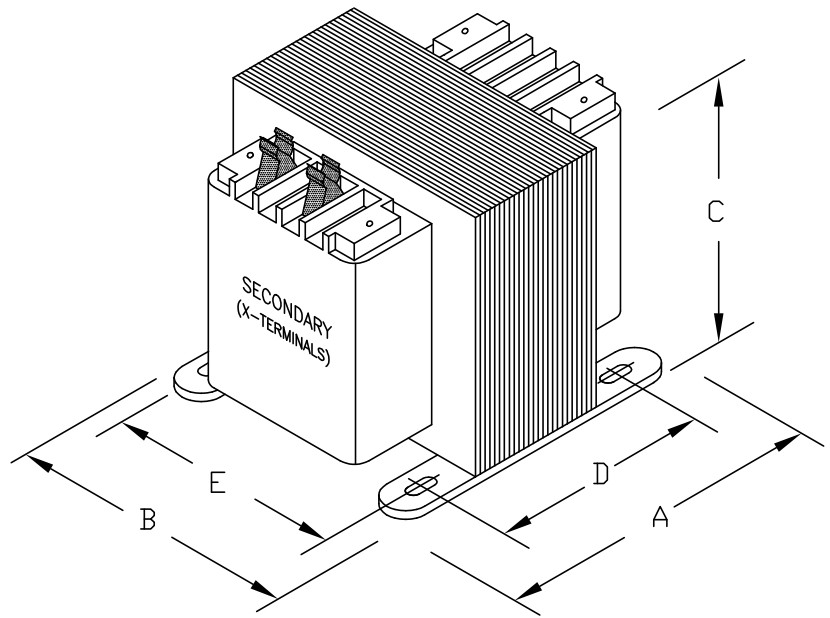


CONNECTION DIAGRAM

CONNECTION TABLE

SINGLE OUTPUT-FUSE INSTALLED

| PRIMARY |       | SECONDARY |       |      |       |
|---------|-------|-----------|-------|------|-------|
| VOLT    | TERM. | VOLT      | TERM. | VOLT | TERM. |
| 200     | H4-H3 | 23        | XF-X2 | 110  | XF-X1 |
| 208     | H4-H3 | 24        | XF-X2 | 115  | XF-X1 |
| 220     | H4-H2 | 23        | XF-X2 | 110  | XF-X1 |
| 230     | H4-H2 | 24        | XF-X2 | 115  | XF-X1 |
| 240     | H4-H2 | 25        | XF-X2 | 120  | XF-X1 |
| 440     | H4-H1 | 23        | XF-X2 | 110  | XF-X1 |
| 460     | H4-H1 | 24        | XF-X2 | 115  | XF-X1 |
| 480     | H4-H1 | 25        | XF-X2 | 120  | XF-X1 |



NOTE: IF BOTH OUTPUTS ARE USED SIMULTANEOUSLY, FUSING SHOULD BE DONE OFF OF THE TRANSFORMER, WITH X3 REPLACING XF.

PROVIDED WITH SECONDARY FUSE CLIPS FOR 13/32 X 1-1/2" FUSE.  
 PRIMARY JUMPERS NOT APPLICABLE.  
 SECONDARY FUSE CLIPS ADD MAXIMUM OF .5" TO THE "C" DIMENSION.

| DIMENSIONS     |              |              |              |              |              |                           | APPROX.WT.<br>LBS<br>(KG) |
|----------------|--------------|--------------|--------------|--------------|--------------|---------------------------|---------------------------|
|                | A            | B            | C            | D            | E            | MTG. SLOTS                |                           |
| INCHES<br>(MM) | 3.50<br>(89) | 3.00<br>(76) | 2.57<br>(65) | 2.20<br>(56) | 2.50<br>(64) | 0.203X0.460<br>(5.1X11.7) | 3.4<br>(1.6)              |



**MICRON INDUSTRIES CORPORATION**  
 777 CHURCH ROAD - ELMHURST, IL 60126  
 Tel. (800) 664-4660, (630) 516-1222 Fax (630) 516-1820  
 www.MicronTransformers.com

|                             |          |                            |                                   |                      |
|-----------------------------|----------|----------------------------|-----------------------------------|----------------------|
| CAT.NO. <b>B050MBT713XK</b> |          | CONST. <b>ENCAPSULATED</b> |                                   | UL LISTED            |
| CATALOG GROUP <b>J</b>      |          | MODEL <b>IMPERVITRAN</b>   |                                   |                      |
| <b>RATING</b>               |          |                            |                                   |                      |
| OUTPUT AMPS                 | 2.08/044 | PRIMARY V                  | 200/220/440, 208/230/460, 240/480 | TEMP. CLASS          |
| VA                          | 50       | SECONDARY V                | 23/110, 24/115, 25/120            | 105°C                |
|                             |          |                            |                                   | HZ<br>50/60          |
|                             |          |                            |                                   | REVISION<br><b>G</b> |
| SFA CERTIFIED               |          |                            |                                   |                      |