



|                              |                                   |
|------------------------------|-----------------------------------|
| Enclosure Type:              | Type B - SD                       |
| Listing Agency:              | Intertek-ETL                      |
| Designations:                | 50kVA 1-PHASE (TYPE B-SD)         |
| kVA:                         | 50                                |
| Primary:                     | 480V                              |
| Secondary:                   | 120/240V                          |
| Primary MCB Disconnect:      | -                                 |
| Frequency:                   | 60 Hz                             |
| Sound Level:                 | 30 dB Max.                        |
| BIL:                         | 5kV+                              |
| Insulation Class:            | F (155° C)                        |
| Leads:                       | Fine Stranded, Copper, Tin-Plated |
| Temperature Rise (80% Load): | 60° C                             |
| Impedance:                   | 2.2% - 3.5%                       |

| Terminations | Location | Terminals          |
|--------------|----------|--------------------|
| Primary:     | Front    | (2) 350MCM / PHASE |
| Secondary:   | Front    | MCB or MLO         |

|                          |   |
|--------------------------|---|
| Estimated Weight:        | 1030  |
| Base Height:             | 12" (Requires No Extra Curbing)   |
| Base Mounting Isolation: | 45 Durometer .25" Thick Neoprene Rubber   |
| Gland Plate Dimensions:  | 8" x 39"  |
| Housing Material:        | 316L Stainless Steel (NEMA 3R)  |
| Housing Coating:         | White Powder Coat   |
| Cooling:                 | Eight (8) Internal, Thermo-Statically Controlled Fans. Thermostat Closes at 140° F  |
| Condensation Removal:    | Photocell Controlled Fans   |
| Lifting:                 | Engineered Swivels Concealed Under Removable Solar Shield. Tested to Exceed 4120 lbs. Capacity Minimum (4x Static Weight) |
| Forklift Access:         | Front / Side  |

**Wiring Connections:**

**PRIMARY:** H1, H2

**SECONDARY:** X0, X1, X2, (X0 is Neutral)  
Wired to Main Circuit Breaker / Main Lug

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| NO. | REVISION | DATE |
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DATE: 10/09/14

DRAWN: CLD CHECKED: KWT

SCALE: NTS

GTX UNIT  
SUBSTATION

50kVA  
1-PHASE  
TYPE B-SD

SHEET