




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

|     |          |    |                |                |
|-----|----------|----|----------------|----------------|
| 3   | 21/07/16 | PP | EDB UPDATE     | DES: JWEN      |
| 2   | 20/03/17 | PP | SEISMIC UPDATE | DATE: 16/09/08 |
| NO. | DATE     | BY | REVISION       | SCALE: NTS     |

SHEET 1 OF 3

EDBSK3A0045PK3K

3.0 httpd 2026/06/25 06:03




**POWER SOLUTIONS**  
Guelph, ONT Compton, CA  
Hyderabad, IN

**HPS Sentinel™ K**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI  
Monterrey, MX

Part No. SK3A0045PK3K



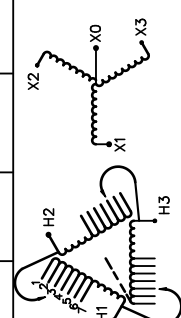
LR 3902  
DRY TYPE TRANSFORMER E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ2-18 BY UNDERWriters LABORATORIES INC. 3106

**LISTED**

| VOLTS | CURRENT COURANT | % RATED VOLTAGE NOMINALE | CONNECTIONS CONNECTIONS PAR PHASE |
|-------|-----------------|--------------------------|-----------------------------------|
| 630   | 41.2            | 105                      | 1                                 |
| 615   | 42.2            | 102.5                    | 2                                 |
| 600   | 43.3            | 100                      | 3                                 |
| 585   | 44.4            | 97.5                     | 4                                 |
| 570   | 45.6            | 95                       | 5                                 |
| 555   | 46.8            | 92.5                     | 6                                 |
| 540   | 48.1            | 90                       | 7                                 |

|                                          |                          |
|------------------------------------------|--------------------------|
| Serial No. No. de Serie                  |                          |
| HV/HT                                    | 600V                     |
| BIL                                      | 10 kV                    |
| Term Bornes                              | H1 H2 H3                 |
| LV/BT                                    | 480Y/277V                |
| BIL                                      | 10 kV                    |
| Term Bornes                              | X0 X1 X2 X3              |
| Energy Regulations Règlement Énergétique | DOE 10 CFR PART 431:2016 |
| Frequency Fréquence Hz                   | 60                       |
| Impedance % @ 170°C                      | 3.6                      |
| Encl Type Type De Coffrage               | 3R                       |
| Weight Poids lbs                         | 410                      |

Spacings between any ventilated enclosure panel and any adjacent wall shall be a minimum of 3 inches  
Écartements entre tout panneau de coffrage ventilé et toute paroi adjacente doivent être d'un minimum de 3 po



SEISMIC QUALIFICATIONS:  
AS FLOOR MOUNT ONLY  
IBC 2018/ASCE 7-16  
SDS<=2.0g Z/n=0 Ip=1.5

d000187hb



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

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CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 TERMINATED AT BOTTOM FRONT



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ENCLOSURE BOTTOM VIEW



NOTE:  
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.  
 SEE MANUAL FOR ADDITIONAL INFORMATION



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 ENCLOSURE BOTTOM VIEW

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