




TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

|     |          |    |            |                |
|-----|----------|----|------------|----------------|
| 4   | 21/07/16 | PP | EDB UPDATE | DES: JWEN      |
| 3   | 20/03/31 | PP | EDB UPDATE | DATE: 15/11/17 |
| NO. | DATE     | BY | REVISION   | SCALE: NTS     |

SHEET 1 OF 3


EDBSK3A0045PB3S

4.1 httpd 2026/04/05 06:54



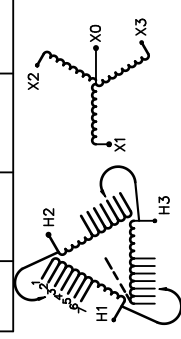
**POWER SOLUTIONS**  
Guelph, ONT  
Compton, CA

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



LR 3902  
DRY TYPE TRANSFORMER  
E112313  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWITERS LABORATORIES INC. © 316

Hyderabad, IN    Monterrey, MX    Part No. SK3A0045PB3S

|                              |                                      |                          |       |   |                    |                                  |  |
|------------------------------|--------------------------------------|--------------------------|-------|---|--------------------|----------------------------------|--|
| Cust. Ref.<br>Ref. du Client | Serial No.<br>No. de Serie           | 600V                     | 43.3A | VOLTS   | CURRENT<br>COURANT | % RATED<br>VOLTAGE<br>% NOMINALE | CONNECTION<br>CONFIGURATION<br>PAR PHASE |
| 3                            | HV/HT                                | 10 kV                    |       | 630   | 41.2               | 105                              | 1  |
| K                            | BIL                                  |                          |       | 615   | 42.2               | 102.5                            | 2  |
| ANN                          | Term<br>Bornes                       | H1 H2 H3                 |       | 600   | 43.3               | 100                              | 3  |
| 45                           | LV/BT                                |                          |       | 585   | 44.4               | 97.5                             | 4  |
| 150 °C                       |                                      | 208Y/120V                | 125A  | 570   | 45.6               | 95                               | 5  |
| 220 °C                       |                                      |                          |       | 555   | 46.8               | 92.5                             | 6  |
| AL                           | BIL                                  |                          |       | 540   | 48.1               | 90                               | 7  |
| 60                           | Term<br>Bornes                       | X0 X1 X2 X3              |       |   |                    |                                  |  |
| 4.1                          | Energy<br>Regulations<br>Energétique | DOE 10 CFR PART 431:2016 |       |   |                    |                                  |  |
| 3R                           | Frequency<br>Fréquence Hz            | CEE ACT SOR/2018-201     |       | Suitable for non-sinusoidal current load with K-factor not to exceed 13<br>Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13 |                    |                                  |  |
| 373/170                      | Impedance %<br>Type De Coiffage      |                          |       |   |                    |                                  |  |
|                              | Weight lbs/kg<br>Poids               |                          |       |   |                    |                                  |  |

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

SEISMIC QUALIFICATIONS:  
GSP-0136/IBC, 2018/ASCE 7-16  
SDS<=2.0g Z/n=1 Ip=1.5

d000187hb

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 250MCM-6 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 600MCM-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



TITLE: 3PH DISTRIBUTION TRANSFORMER

|     |          |    |            |                |
|-----|----------|----|------------|----------------|
| 4   | 21/07/16 | PP | EDB UPDATE | DES: JWEN      |
| 3   | 20/03/31 | PP | EDB UPDATE | DATE: 15/11/17 |
| NO. | DATE     | BY | REVISION   | SCALE: NTS     |

SHEET 2 OF 3

EDBSK3A0045PB3S

4.1 httpd 2026/04/05 06:54

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



TITLE: 3PH DISTRIBUTION TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

|     |          |    |            |                |
|-----|----------|----|------------|----------------|
| 4   | 21/07/16 | PP | EDB UPDATE | DES: JWEN      |
| 3   | 20/03/31 | PP | EDB UPDATE | DATE: 15/11/17 |
| NO. | DATE     | BY | REVISION   | SCALE: NTS     |

SHEET 3 OF 3

EDBSK3A0045PB3S