



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


| | | | | |
|-----|----------|----|---------------------------------|----------------|
| 4 | 21/11/25 | CS | NPL IMPEDANCE AND WEIGHT UPDATE | DES: JWEN |
| 3 | 21/07/16 | PP | EDB UPDATE | DATE: 15/11/17 |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 1 OF 3

EDBSK3A0075KB9K


4.0 httpd 2026/06/22 21:13

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



POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

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 CROZ2-18 BY UNDERWRIERS LABORATORIES INC. © 316

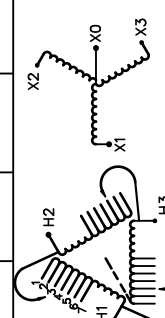
Part No. SK3A0075KB9K

| | | |
|------------------|--------------|-------------|
| Cust. Ref. | Serial No. | |
| Ref. du Client | No. de Serie | |
| Phase | HV/HT | 480V |
| Type | BIL | 10 kV |
| Cooling | Term Bornes | H1 H2 H3 |
| Refrroidissement | LV/BT | 208Y/120V |
| kVA | | |
| Temp. Rise | BIL | 10 kV |
| Echauffement | Term Bornes | X0 X1 X2 X3 |
| Temp Class | | |
| Classe Temp | | |
| Winding | CU | |
| Enroulement | | |
| Frequency | 60 | |
| Frequence Hz | | |
| Impedance % | 4 | |
| © 170°C | | |
| Encl Type | 3R | |
| Type De Coffrage | | |
| Weight | 665 | |
| Poids | | |

| VOLTS | CURRENT COURANT | % RATED VOLTAGE % NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|----------------------------|---------------------------------|
| 504 | 85.9 | 105 | 1 |
| 492 | 88.0 | 102.5 | 2 |
| 480 | 90.2 | 100 | 3 |
| 468 | 92.5 | 97.5 | 4 |
| 456 | 95.0 | 95 | 5 |
| 444 | 97.5 | 92.5 | 6 |
| 432 | 100.2 | 90 | 7 |

DOE 10 CFR PART 431:2016
CEE ACT SOR/2018-201

Suitable for non-sinusoidal current load with K-factor not to exceed 9
Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 9



SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 5 INCHES EXCEPT WHEN WALL MOUNTED USING APPROVED WALL MOUNTING KIT ELECTROSTATIC SHIELD

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 #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

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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