



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


| | | | | |
|-----|----------|----|----------------|----------------|
| 3 | 21/07/16 | PP | EDB UPDATE | DES: LCEN |
| 2 | 20/03/17 | PP | SEISMIC UPDATE | DATE: 16/03/04 |
| NO. | DATE | BY | REVISION | SCALE: NTS |

SHEET 1 OF 3

EDB SH3T0112KB3K

3.0 httpd 2026/04/03 18:08

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POWER SOLUTIONS

Guelph, ONT Compton, CA
Hyderabad, IN Monterrey, MX

HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0112KB3K

Serial No. [] No. de Serie []

Model [3] HV/HT [480V]

Term Bornes [ANN H1 H2 H3]

LV/BT [208Z/120V]

Temp. Rise Echauffement [150 °C] Term Bornes [X1 X2 X3]

Classe Temp [220 °C] Neutral [X0(200%)]

Winding Enroulement [CU] Energy Regulations [DOE 10 CFR PART 431:2016]

Frequency [60] Reglements [CEE ACT SOR/2018-201]

Impedance % [4.3] Energetique [0.95 MAX]

Encl Type [3R] Number of Secondaries []

Weight Poids [980] lbs

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Encl Type [3R] Number of Secondaries []

Weight Poids [980] lbs

| VOLTS | CURRENT COURANT | % RATED VOLTAGE / % TENSION NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|--------------------------------------|---------------------------------|
| 504 | 129 | 105 | 1 |
| 492 | 132 | 102.5 | 2 |
| 480 | 135 | 100 | 3 |
| 468 | 139 | 97.5 | 4 |
| 456 | 142 | 95 | 5 |
| 444 | 146 | 92.5 | 6 |
| 432 | 150 | 90 | 7 |

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

LISTED

UL E112313

DRY TYPE TRANSFORMER 803423 13527 0

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWITERS LABORATORIES INC. © 316

SP @ LR 3902

d000190hb



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 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 350MCM-6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- X0(200% RATING)



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EDBSH310112KB3K

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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