




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

EDBSK3A0150KB9K

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

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

Part No. SK3A0150KB9K

Serial No. [] No. de Serie []

HV/HT 480V

BIL 10 kV

Term Bornes H1 H2 H3

LV/BT 208Y/120V

BIL 10 kV

Term Bornes X0 X1 X2 X3

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

Weight Poids 1100 lbs

Cust. Ref. []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 150

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

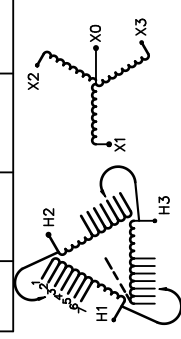
Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 3.5

Encl Type Type De Coffrage 3R

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	172.0	105	1
492	176.0	102.5	2
480	180.0	100	3
468	185.0	97.5	4
456	190.0	95	5
444	195.0	92.5	6
432	200.0	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

SP @ LR 3902
DRY TYPE TRANSFORMER 8 03423 12949
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERMILLERS LABORATORIES INC. 316

LISTED

d000187hb



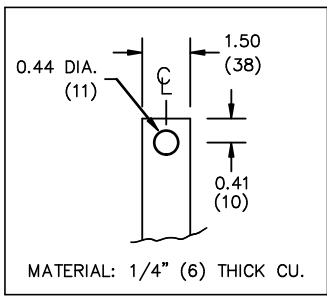
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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



- CUSTOMER NOTES:
- HV1 TERMINATED AT TOP FRONT
 - LV1 TERMINATED AT BOTTOM FRONT



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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

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