



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

3	22/08/16	LC	CHANGED NPL VER:	DES: LCEN
2	21/07/16	PP	EDB UPDATE	DATE: 17/02/03
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH310015KB3K

POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

hammond HPS Sentinel™ H
DRY TYPE HARMONIC MITIGATING TRANSFORMER
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES
Baraboo, WI Monterrey, MX
Part No. SH310015KB3K

Cust. Ref. Ref. du Client	Serial No. No. de Serie	Phase	Model	HV/HT	Term Bornes	LV/BT	Term Bornes	Neutral	Energy Regulations
		3	K	480V	H1 H2 H3	208Z/120V	X0 X1 X2 X3	X0 (200%)	DOE 10 CFR PART 431:2016
Type									CEE ACT SOR/2018-201
Cooling Refrondissement			ANN						0.95 MAX
kVA			15						
Temp. Rise Echauffement			130 °C						
Temp Class Classe Temp			220 °C						
Winding Enroulement			CU						
Frequency Frequence Hz			60						
Impedance % @ 150 °C			3						
Encl Type Type De Coffrage			3R						
Weight lbs/kg Poids			250/114						

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION SCHEMATIC CONNEXION PAR PHASE
504	17.2	105	1
492	17.6	102.5	2
480	18.0	100	3
468	18.5	97.5	4
456	19.0	95	5
444	19.5	92.5	6
432	20.0	90	7

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

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

LISTED

DRY TYPE TRANSFORMER 8 03423 13523 2
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ 2-18 BY UNDERWITERS LABORATORIES INC. 316

d000190hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI-61 GREY PAINT OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL, 2 X #2/0-14, TERMINATED AT TOP 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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