



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: LCEN
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/04/23
				SCALE: NTS

SHEET 1 OF 3

EDBSH3U0045PB3K

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POWER SOLUTIONS

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

HPS Sentinel™ H

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3U0045PB3K

LR 3902

DRY TYPE TRANSFORMER 8 03423 13558 4

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CROZ-18 BY UNDERWITERS LABORATORIES INC. 316

LISTED

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	41.2	105	1
615	42.2	102.5	2
600	43.3	100	3
585	44.4	97.5	4
570	45.6	95	5
555	46.8	92.5	6
540	48.1	90	7

Serial No. No. de Serie

3

Model

HV/HT

600YV

Term Bornes

H1 H2 H3

LV/BT

208Z/120V

Temp. Rise Echauffement

150 °C

Term Bornes

X1 X2 X3

Temp Class Classe Temp

220 °C

Neutral

Energy Regulations

CU

DOE 10 CFR PART 431:2016

Frequency Fréquence Hz

60

Reglements de Energetique

CEE ACT SOR/2018-201

Impedance %

170 °C

Z0

Encl Type Type De Coiffage

3R

Number of Secondaries

495

Weight Poids

495

SEISMIC QUALIFICATIONS:

AS FLOOR MOUNT ONLY

IBC 2018/ASCE 7-16

SDS<=2.0g Z/n=0 Ip=1.5

H1 H2 H3

X1 X2 X3 X0

SENTINEL H

ANGULAR DISPLACEMENT

-30°

d000190hb



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 250MCM-6 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

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



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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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EDB SH3U0045PB3K