



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: 19/01/25
				NTS

SHEET 1 OF 3

EDB SH3U0112PB3S

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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. SH3U0112PB3S

Serial No. [ ] No. de Serie [ ]

Model [3] HV/HT [600YV]

Term Bornes [ANN H1 H2 H3]

LV/BT [112.5 208Z/120V]

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

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

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

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

Impedance % @ 170 °C [4.6] Z<sub>0</sub> [0.95 MAX]

Encl Type Type De Coffrage [3R] Number of Secondaries [ ]

Weight Poids [1100] lbs

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION CONNECTION PAR PHASE
630	103.1	105	1
615	105.6	102.5	2
600	108.3	100	3
585	111	97.5	4
570	114	95	5
555	117	92.5	6
540	120	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

DRY TYPE TRANSFORMER 8 03423 13516 4  
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWITERS LABORATORIES INC. 316

LR 3902

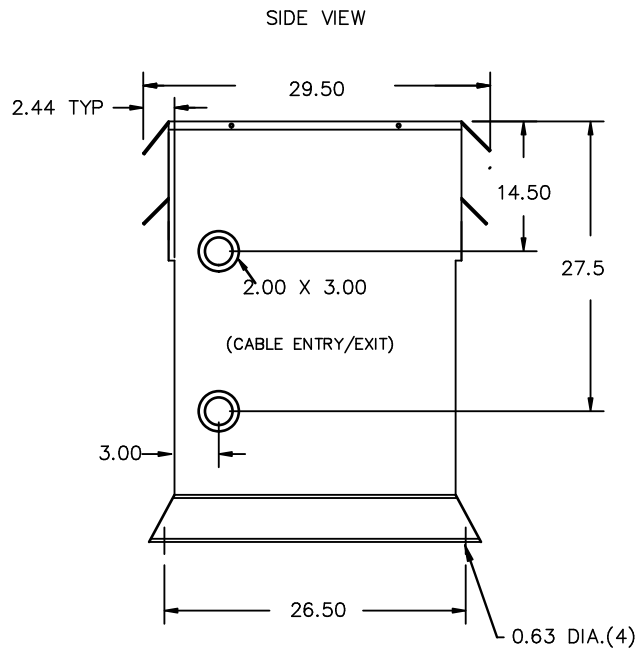




d000190hb



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

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

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR 350MCM-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 X0 HAS QTY 2 LUGS



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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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