



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


2	21/07/16	PP	EDB UPDATE	DES: LCEN
1	20/03/17	PP	SEISMIC UPDATE	DATE: 18/12/03
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH310030PB3K

2.0 httpd 2026/06/24 21:40

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hammond
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. SH310030PB3K

Serial No. [] No. de Serie []
 Model []
 HV/HT []
 Term Bornes []
 LV/BT []
 Term Bornes []
 Neutral []
 Energy Regulations []
 Reglements Energetique []
 Z₀ []
 Number of Secondaries []
 Weight lbs []

Phase []
 Type []
 Cooling Refroidissement []
 kVA []
 Temp. Rise Echauffement []
 Temp Class Classe Temp []
 Winding Enroulement []
 Frequency Fréquence Hz []
 Impedance % @ 170 °C []
 Encl Type Type De Coffrage []
 Weight Poids []

VOLTS	CURRENT COURANT	% RATED VOLTAGE /% TENSION NOMINALE	CONNECTION CONNECTION PAR PHASE
630	27.5	105	1
615	28.2	102.5	2
600	28.9	100	3
585	29.6	97.5	4
570	30.4	95	5
555	31.2	92.5	6
540	32.1	90	7

DOE 10 CFR PART 431:2016
 CEE ACT SOR/2018-201
 0.95 MAX

SENTINEL H
 ANGULAR DISPLACEMENT
 0°

SEISMIC QUALIFICATIONS:
 AS FLOOR MOUNT ONLY
 IBC 2018/ASCE 7-16
 SDS<=2.0g Z/n=0 Ip=1.5

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

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

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 #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

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



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EDBSH310030PB3K

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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