



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION	CHANGED NPL VER:	DES:
3	25/10/15	LC			LCEN
2	21/07/16	PP		EDB UPDATE	DATE: 19/05/08
					SCALE: NTS

SHEET 1 OF 3

EDB SH310030KB3S

3.0 httpd 2026/04/21 11:26

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. SH310030KB3S

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	X1 X2 X3	X0(200%)	DOE 10 CFR PART 431:2016
Type	Cooling Refrondissement	kVA	Temp. Rise Echauffement	Temp Class Classe Temp	Winding Enroulement	Frequency Frequence Hz	Impedance % ① 170 °C	Encl Type Type De Coffrage	Number of Secondaries
		30	150 °C	220 °C	AL	60	5.6	3R	355/162

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION ELECTRICAL PAR PHASE
504 492 480 468 456 444 432	34.4 35.2 36.1 37.0 38.0 39.0 40.1	105 102.5 100 97.5 95 92.5 90	1 2 3 4 5 6 7

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES
ELECTROSTATIC SHIELD
SUITABLE FOR NON-SINUSOIDAL
CURRENT LOAD WITH A
K-FACTOR NOT TO EXCEED 13

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

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



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EDBSH310030KB35

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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 ENCLOSURE BOTTOM VIEW

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