



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


3	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE	DES: LCEN
2	21/07/16	PP	EDB UPDATE	DATE: 17/09/18
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 1 OF 3

EDB SH3U0075KB3K


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POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

HPS Sentinel™ H
DRY TYPE HARMONIC MITIGATING TRANSFORMER
TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES



LR 3902
DRY TYPE TRANSFORMER 8 03423 13548 5
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERMILLERS LABORATORIES INC. © 316

Part No. SH3U0075KB3K

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION TYPE PAR PHASE
Phase	Model	480YV	105	1
Type	Term Bornes	H1 H2 H3	102.5	2
Cooling Refroidissement	LV/BT	208Z/120V	100	3
kVA	Temp. Rise Echauffement	X1 X2 X3	97.5	4
Temp. Class Classe Temp	Temp. Rise Echauffement	X0(200%)	95	5
Winding Enroulement	Temp. Class Classe Temp	DOE 10 CFR PART 431:2016	92.5	6
Frequency Fréquence Hz	Energy Regulations Règlement de l'énergie	CEE ACT SOR/2018-201	90	7
Impedance % @ 170 °C	Number of Secondaries	0.95 MAX		
Encl. Type Type De Coffrage	Weight Poids			

SEISMIC QUALIFICATIONS:
AS FLOOR MOUNT ONLY
IBC 2018/ASCE 7-16
SDS<=2.0g Z/n=1 Ip=1.5

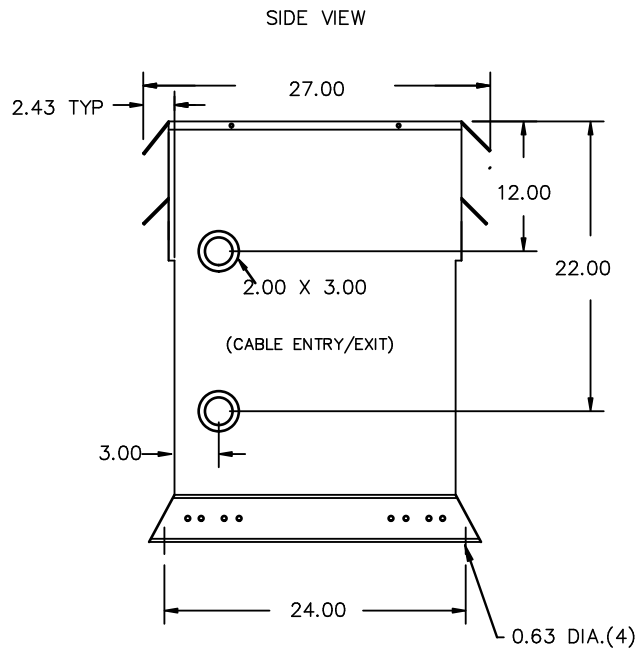
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

ANGULAR DISPLACEMENT
-30°

d000190hb



All Dimensions in inches



ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

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

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL XO HAS QTY 2 LUGS



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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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