


- IMPEDANCE SHOWN IS CALCULATED VALUE

d000190hb



**POWER SOLUTIONS**

Guelph, ONT Compton, CA  
Hyderabad, IN

**HPS Sentinel™ H**

DRY TYPE HARMONIC MITIGATING TRANSFORMER

TRANSFORMATEUR À SEC POUR MITIGATION D'HARMONIQUES

Part No. SH3T0225KB3S

Serial No. [ ] No. de Serie [ ]

Model [ ]

HV/HT [ ]

Term Bornes [ ]

LV/BT [ ]

Temp. Rise Echauffement [ ] °C

Temp. Class Classe Temp [ ] °C

Neutral [ ]

Energy Regulations [ ]

Reglements Energetique [ ]

Frequency Hz [ ]

Impedance % @ 170 °C [ ]

Encl. Type Type De Coffrage [ ]

Number of Secondaries [ ]

Weight Poids [ ] lbs

3 21/07/16 PP EDB UPDATE DES: LCEN

2 20/03/17 PP SEISMIC UPDATE DATE: 16/05/02


NO. DATE BY REVISION SCALE: NTS

3PH HARMONIC MITIGATING TRANSFORMER NAMEPLATE INFORMATION

SHEET 1 OF 3

EDBSH3T0225KB3S

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LR 3902

DRY TYPE TRANSFORMER 8 03423 13485 3

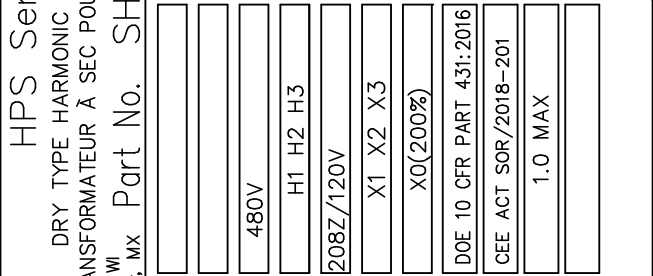
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD C802.2-18 BY UNDERWITERS LABORATORIES INC. © 316

LISTED

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

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

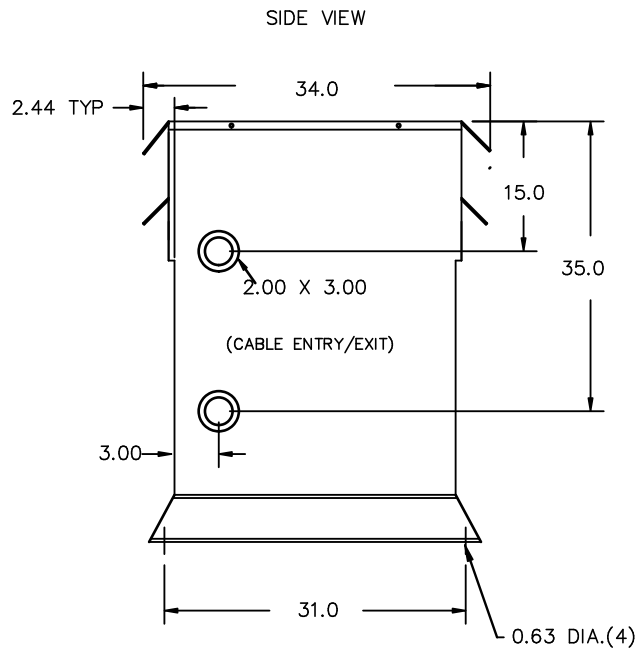
VOLTS	CURRENT COURANT	% RATED VOLTAGE / % TENSION NOMINALE	CONNECTION FOR CONNECTION PAR PHASE
506	258	105	1
492	264	102.5	2
480	271	100	3
465	278	97.5	4
456	285	95	5
444	293	92.5	6
430	301	90	7



Serial No. [ ]	No. de Serie [ ]
Model [ ]	
HV/HT [ ]	480V
Term Bornes [ ]	H1 H2 H3
LV/BT [ ]	208Z/120V
Temp. Rise Echauffement [ ] °C	X1 X2 X3
Temp. Class Classe Temp [ ] °C	X0(200%)
Neutral [ ]	DOE 10 CFR PART 431:2016
Energy Regulations [ ]	CEE ACT SOR/2018-201
Reglements Energetique [ ]	1.0 MAX
Frequency Hz [ ]	
Impedance % @ 170 °C [ ]	
Encl. Type Type De Coffrage [ ]	
Number of Secondaries [ ]	
Weight Poids [ ] lbs	

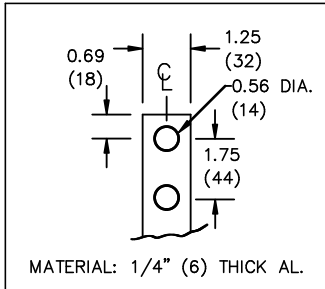


All Dimensions in inches

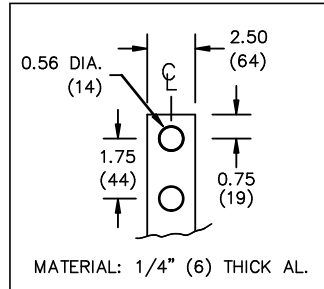


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL



L.V.1. TERMINAL DETAIL



CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT
- 200% RATED NEUTRAL, TERMINATED AT TOP FRONT



TITLE: 3PH HARMONIC MITIGATING TRANSFORMER  
MECHANICAL INFORMATION

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EDBSH310225KB35

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



TITLE: 3PH HARMONIC MITIGATING TRANSFORMER  
 ENCLOSURE BOTTOM VIEW

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