



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: 17/11/03 |
|     |          |    |                | NTS            |

SHEET 1 OF 3

EDB SH3T0150KB3S

2.0 httpd 2026/04/25 11:18

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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. SH3T0150KB3S

Serial No. [ ] No. de Serie [ ]

Model [ ]

HV/HT [ ]

Term Bornes [ ]

LV/BT [ ]

Temp. Rise Echauffement [ ] °C

Temp. Class Classe Temp [ ] °C

Winding Enroulement [ ]

Energy Regulations [ ]

Frequency Reglements de Frequence Hz [ ]

Impedance % Impedance % @ 170 °C [ ]

Encl. Type Type De Coffrage [ ]

Weight Poids [ ] lbs

3

K

ANN

150

150 °C

220 °C

AL

60

4.6

3R

1200

3

HV/HT

Term Bornes

LV/BT

Temp Bornes

Neutral

Energy Regulations

Reglements de Frequence Hz

Impedance %

Z<sub>0</sub>

Number of Secondaries

480

H1 H2 H3

208Z/120

X1 X2 X3

X0(200%)

DOE 10 CFR PART 431:2016

CEE ACT SOR/2018-201

0.95 MAX

| VOLTS | CURRENT COURANT | % RATED VOLTAGE /% TENSION NOMINALE | CONNECTION CONNECTION PAR PHASE |
|-------|-----------------|-------------------------------------|---------------------------------|
| 504   | 172             | 105                                 | 1                               |
| 492   | 176             | 102.5                               | 2                               |
| 480   | 180             | 100                                 | 3                               |
| 468   | 185             | 97.5                                | 4                               |
| 456   | 190             | 95                                  | 5                               |
| 444   | 195             | 92.5                                | 6                               |
| 432   | 200             | 90                                  | 7                               |

H1 34  
H2 35  
H3

X1 X2 X3 X0

SENTINEL H

ANGULAR DISPLACEMENT

0°

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

SEISMIC QUALIFICATIONS, OSP-0136-10  
IBC 2012/ASCE 7-10  
SDS<=2.0g Z/H=1 IP=1.5  
FLOOR MOUNT ONLY

0000190hb



LR 3902

DRY TYPE TRANSFORMER 8 03423 13484 6

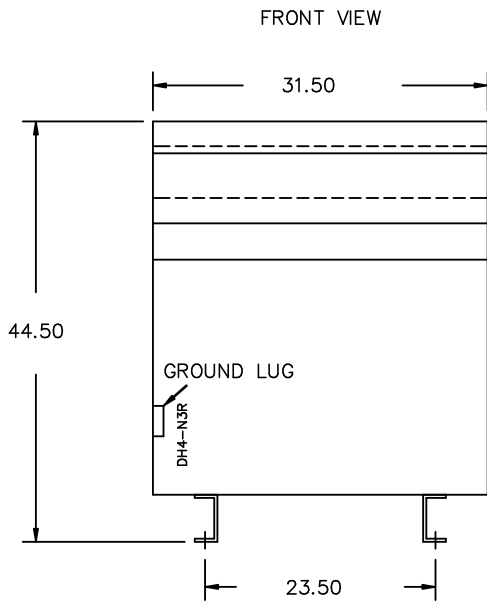
ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWITERS LABORATORIES INC. © 306

**LISTED**

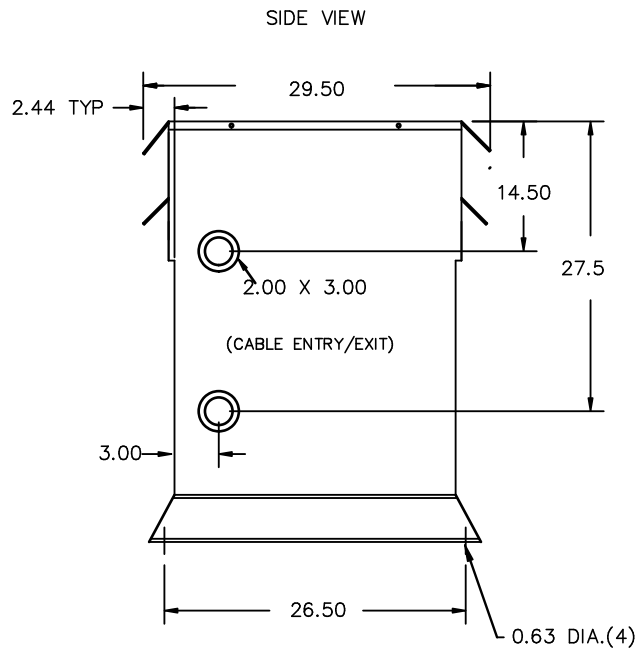
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FLOOR MOUNT ONLY

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SDS<=2.0g Z/n=1 Ip=1.5



All Dimensions in inches

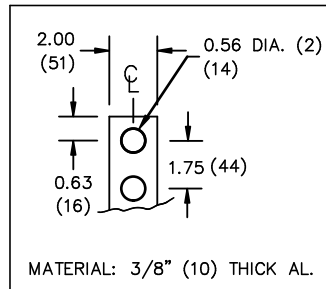


ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

H.V.1. TERMINAL DETAIL

L.V.1. TERMINAL DETAIL

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



MATERIAL: 3/8" (10) THICK AL.

CUSTOMER NOTES:

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



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SHEET 2 OF 3

EDBSH310150KB3S



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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