



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: RMOVVA
			DATE: 17/05/29
			SCALE: NTS

SHEET 1 OF 3

EDB SG3A0300PKOC

2.0 httpd 2026/06/25 04:56

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POWER SOLUTIONS
Guelph, ONT
Hyderabad, IN Compton, CA

HPS Sentinel™ G
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX

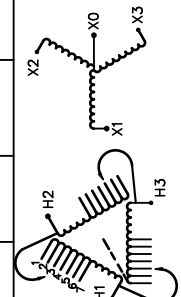
Part No. **SG3A0300PKOC**

LISTED  **LR 3902**
 DRY TYPE DISTRIBUTION TRANSFORMER
 ALSO LISTED UNDER CATALOG NO. 18
 BY UNDERWRITERS LABORATORIES INC. @ 316

Serial No. []
 No. de Serie []
 HV/HT []
 BIL []
 Term Bornes []
 LV/BT []
 BIL []
 Term Bornes []
 Energy Regulations []
 Reglements de l'Energétique []
 170 °C []
 3R []
 lbs []
 Poids []

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	275	105	1
615	282	102.5	2
600	289	100	3
585	296	97.5	4
570	304	95	5
555	312	92.5	6
540	321	90	7

600V 289A
 10 kV
 H1 H2 H3
 480Y/277V 361A
 10 kV
 X0 X1 X2 X3
 DOE 10 CFR PART 431:2016
 CEE ACT SOR/2018-201



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

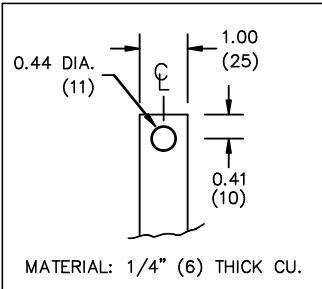
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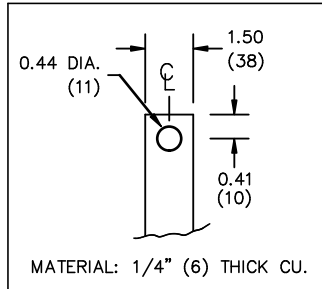
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

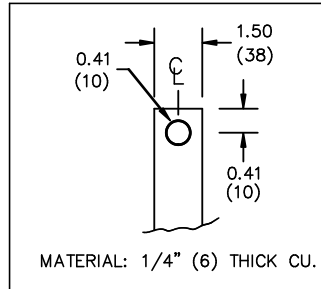
HV TERMINAL DETAIL



LV TERMINAL DETAIL



X0 TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT



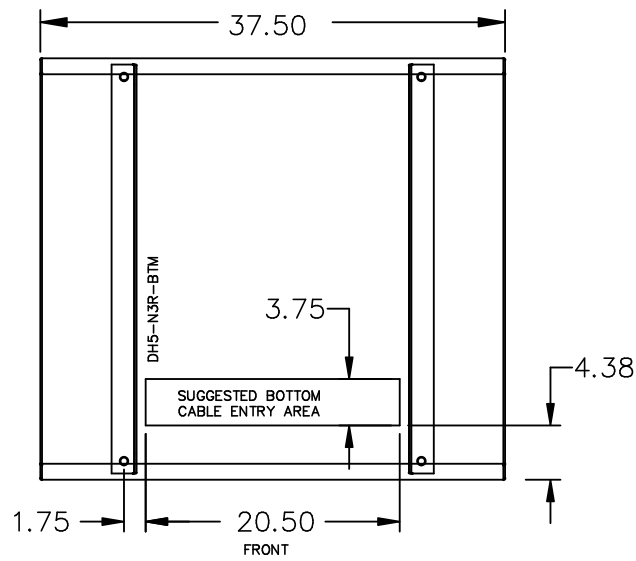
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EDBSC3A0300PKOC

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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