



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: MABDELAT
			DATE: 17/03/28
			SCALE: NTS

SHEET 1 OF 3

EDB SG3A0750BKOC

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POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN

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

Baraboo, WI Monterrey, MX
Part No. SG3A0750BKOC

DRY TYPE TRANSFORMER 77US E112313
 ALSO REFER TO THE FOLLOWING STANDARDS:
 BY UNDERWRITERS LABORATORIES INC. 0148



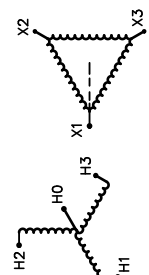
LISTED

LR 3902
 0342312747 3
 800 342312747

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 12 INCHES

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

Cust. Ref. Ref. du Client	Serial No. No. de Serie	HV/HT	480Y/277V	902A	CONNECTION EACH PHASE CONNECTION PAR PHASE
Phase	3	BIL	10 kV		% RATED VOLTAGE % TENSION NOMINALE
Type	K	Term Bornes	H0 H1 H2 H3		CURRENT COURANT
Cooling Refrondissement	ANN	LV/BT	208V	2082A	
kVA	750	BIL	10 kV		
Temp. Rise Echauffement	150 °C	Term Bornes	X1 X2 X3		
Temp Class Classe Temp	220 °C	Energy Regulations Règlements Énergétique	DOE 10 CFR PART 431:2016		
Winding Enroulement	CU	Frequency Hz	60		
Impedance % @ 170 °C	5.2	Impedance % @ 170 °C	5.2		
Encl. Type Type de Coffrage	3R	Weight Poids	lbs	4350	



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

d000186hb

FRONT VIEW



** - Recommended cable entry locations only
cutouts & gland plates not provided.

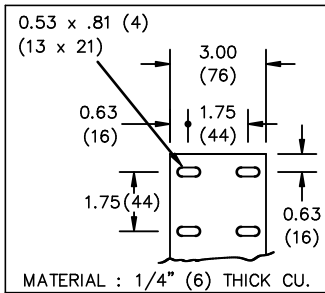
SIDE VIEW



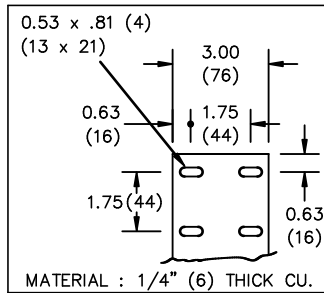
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

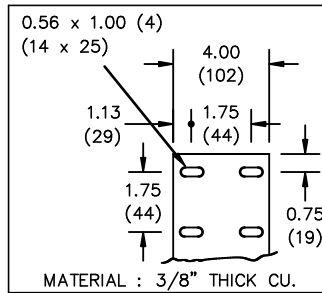
HV TERMINAL DETAIL



HO TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

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



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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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 ENCLOSURE BOTTOM VIEW

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