



TITLE: 1PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
2	21/07/16	PP	EDB UPDATE
1	20/03/17	PP	SEISMIC UPDATE
			DES: PPICASSI DATE: 17/04/27 SCALE: NTS

SHEET 1 OF 3

EDB SG3L0075PEOC

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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. **SG3L0075PEOC**

hammond LR 3902
DRY TYPE DISTRIBUTION TRANSFORMER
E112313

8 03423 17417 1
ALSO REFER TO THE INSTRUCTIONS TO ENERGY STANDARDS CPD20-18 BY UNDERWRITERS LABORATORIES INC. 0148

LISTED

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES
ESPACEMENTS ENTRE LES PANNEAUX DE BOTTIER VENTILÉ ET LES MURS ADJACENT DOIVENT ÊTRE UN MINIMUM DE 3 POUNCES

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

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

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
630	119	105	1-2
615	122	102.5	2-3
600	125	100	3-4
585	128	97.5	4-5
570	132	95	5-6
120	625		X4&X2, X3&X1
240	312.5		X1, X4

Cust. Ref.	Serial No.
Ref. du Client	No. de Serie
Phase	HV/HT
Type	BIL
Cooling	Term
Refroidissement	Bornes
kVA	LV/BT
Temp. Rise	120/240V 625/312A
Echauffement	BIL
Temp Class	10 kV
Classe Temp	220 °C
Winding	CU
Enroulement	Energy Regulations
Frequency Hz	60
Impedance %	6
@ 170 °C	3R
Encl. Type	Weight lbs/kg
Type de Coffrage	525/239

THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.

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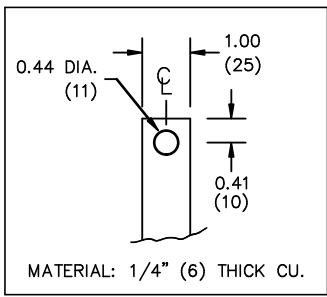
All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 250MCM-6 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE



CUSTOMER NOTES:

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



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EDBSCJL0075PEOC

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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