



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	SCALE:
3	21/07/16	PP	EDB UPDATE	DES: MABDELAT
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/07/22
				SCALE: NTS

SHEET 1 OF 3

EDBSC3A0045DKOC

3.0 httpd 2026/04/02 09:52

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



POWER SOLUTIONS
Guelph, ONT Compton, CA Hyderabad, IN
Baraboo, WI Monterrey, MX

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

Part No. **SG3A0045DKOC**

Serial No. []
No. de Serie []

Phase 3

Type K

Cooling Refroidissement ANN

kVA 45

Temp. Rise Echauffement 150 °C

Temp Class Classe Temp 220 °C

Winding Enroulement CU

Frequency Fréquence Hz 60

Impedance % @ 170 °C 4

Encl. Type Type de Coffrage 3R

Weight Poids lbs 395

HV/HT 480Y/277V

BIL 10 kV

Term Bornes H0 H1 H2 H3

LV/BT 240V

BIL 10 kV

Term Bornes X1 X2 X3

Energy Regulations DOE 10 CFR PART 431:2016


Reglements de l'Energétique CEE ACT SOR/2018-201

DRY TYPE TRANSFORMER 77US E112313

ALSO REFER TO ENERGY STANDARDS C900-18 BY UNDERWRITERS LABORATORIES INC. 316

LISTED

LR 3902



8 03423 12773 2

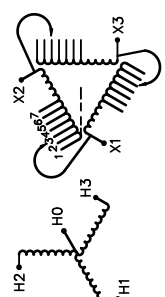
BY UNDERWRITERS LABORATORIES INC. 316

VOLTS	CURRENT COURANT	% RATED VOLTAGE % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
252	103.1	105	1
246	105.6	102.5	2
240	108.3	100	3
234	111	97.5	4
228	114	95	5
222	117	92.5	6
216	120	90	7

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

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



d000186hb



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 #14-2 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

- HV1 TERMINATED AT BOTTOM FRONT
- LV1 TERMINATED AT TOP FRONT



TITLE: 3PH DISTRIBUTION TRANSFORMER

3	21/07/16	PP	EDB UPDATE	DES: MABDELAT
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/07/22
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 2 OF 3

EDBSC3A0045DKOC

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 DISTRIBUTION TRANSFORMER
 ENCLOSURE BOTTOM VIEW

3	21/07/16	PP	EDB UPDATE	DES: MABDELAT
2	20/03/17	PP	SEISMIC UPDATE	DATE: 16/07/22
NO.	DATE	BY	REVISION	SCALE: NTS

SHEET 3 OF 3

EDBSC3A0045DKOC