



TITLE: 3PH DISTRIBUTION TRANSFORMER
NAMEPLATE INFORMATION


NO.	DATE	BY	REVISION	SCALE:
2	21/07/16	PP	EDB UPDATE	DES: CSHAH
1	20/03/17	PP	SEISMIC UPDATE	DATE: 19/10/07
				SCALE: NTS

SHEET 1 OF 3

EDBSK3A0150PK4K

2.0 httpd 2026/04/02 12:23

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POWER SOLUTIONS

Guelph, ONT
Compton, CA

Hyderabad, IN


HPS Sentinel™ K

Energy Efficient Distribution Transformer

Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI
Monterrey, MX

Part No. SK3A0150PK4K



LR 3902

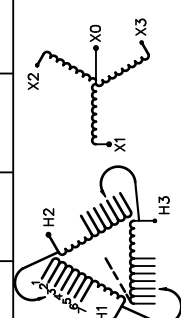
DRY TYPE TRANSFORMER E112313

ALSO VERIFIED IN ACCORDANCE TO ENERGY STANDARD CRO22-18 BY UNDERWriters LABORATORIES INC. 3106

LISTED

Cust. Ref.	Serial No.	HV/HT	10 kV	BIL	10 kV	Term Bornes	H1 H2 H3	LV/BT	480Y/277V	180A	Temp. Rise	150 °C	Temp Class	220 °C	Winding	CU	Energy Regulations	DOE 10 CFR PART 431:2016	Frequency	60	Impedance %	4.7	Encl Type	3R	Weight lbs	960
Ref. du Client	No. de Serie	HV/HT	10 kV	BIL	10 kV	Term Bornes	H1 H2 H3	LV/BT	480Y/277V	180A	Temp. Rise	150 °C	Temp Class	220 °C	Winding	CU	Energy Regulations	DOE 10 CFR PART 431:2016	Frequency	60	Impedance %	4.7	Encl Type	3R	Weight lbs	960

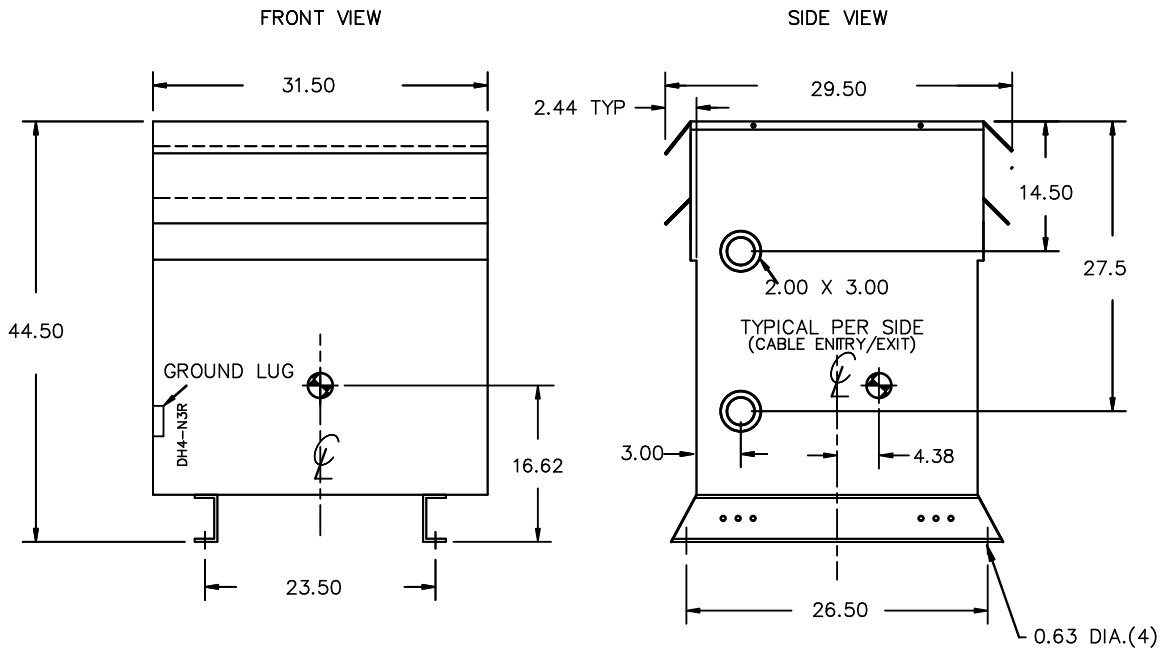
VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
630	137	105	1
615	141	102.5	2
600	144	100	3
585	148	97.5	4
570	152	95	5
555	156	92.5	6
540	160	90	7



SEISMIC QUALIFICATIONS:
XS 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

d000187hb



All Dimensions in inches

ENCLOSURE COLOR :ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

X0 TERMINAL DETAIL

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

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

MECHANICAL TYPE LUGS INCLUDED
SUITABLE FOR 600MCM-2 CU/AL
CONDUCTORS
2 CONDUCTORS PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT
- X0 TERMINATED AT BOTTOM FRONT
- 200% RATED NEUTRAL PROVIDED



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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

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