




TITLE: 3PH DISTRIBUTION TRANSFORMER NAMEPLATE INFORMATION			
3	21/07/16	PP	EDB UPDATE
2	20/03/17	PP	SEISMIC UPDATE
NO.	DATE	BY	REVISION
			DES: JWEN
			DATE: 15/11/17
			SCALE: NTS

SHEET 1 OF 3
EDBSK3A0075KB3S
3.0 httpd 2026/05/21 13:03

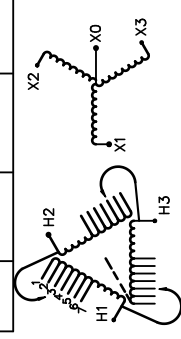


POWER SOLUTIONS
Guelph, ONT Compton, CA
Hyderabad, IN

HPS Sentinel™ K
Energy Efficient Distribution Transformer
Transformateur de Distribution à Bon Rendement Énergétique
Baraboo, WI Monterrey, MX
Part No. SK3A0075KB3S

Cust. Ref. [] Serial No. []
 Ref. du Client [] No. de Serie []
 Phase 3 HV/HT 480V
 Type K BIL 10 kV
 Cooling Refroidissement ANN Term Bornes H1 H2 H3
 kVA 75 LV/BT 208Y/120V
 Temp. Rise Echauffement 150 °C BIL 10 kV
 Temp Class 220 °C Term Bornes X0 X1 X2 X3
 Winding Enroulement AL Energy Regulations DOE 10 CFR PART 431:2016
 Frequency Fréquence Hz 60 Reglements Energetique CEE ACT SOR/2018-201
 Impedance % @ 170 °C 5.8 Suitable for non-sinusoidal current load with K-factor not to exceed 13
 Encl Type Type De Coffrage 3R Convient à des courants non-sinusoidaux avec facteur K n'excédant pas 13
 Weight Poids 575 lbs

VOLTS	CURRENT COURANT	% RATED VOLTAGE % NOMINALE	CONNECTION CONNECTION PAR PHASE
504	85.9	105	1
492	88.0	102.5	2
480	90.2	100	3
468	92.5	97.5	4
456	95.0	95	5
444	97.5	92.5	6
432	100.2	90	7



SEISMIC QUALIFICATIONS:
 X0 FLOOR MOUNT ONLY
 (BC 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

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

DRY TYPE TRANSFORMER 8 03423 12662 19
 3P @ LR 3902

d000187hb



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 #2/0-14 CU/AL
CONDUCTORS
1 CONDUCTOR PER PHASE

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

CUSTOMER NOTES:

- HV1 TERMINATED AT TOP FRONT
- LV1 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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