



ALL DIMENSIONS ± .25

NEMA 3R (OUTDOOR) ENCLOSURE  
FINISH: ANSI 61 GRAY PRIMER & POWDER COAT

BASE FINISH: BLACK MACRO-POXY

BASE MATERIAL: STRUCTURAL STEEL

SECONDARY X0 CT 50/5

PRIMARY 15kV DISTRIBUTION ARRESTERS

CONTROL JUNCTION BOX

SPACEHEATER PACKAGE (SHEET 21A)

DRY TYPE (INVERTER) TRANSFORMER							
CONDUCTOR	COPPER		PHASE	3	HERTZ	6	
TYPE	AA	RISE	150°C	CLASS	H	220°C	
PRI	4160/2402 GRD Y	AMPS	138.8	BIL	30	KVA	1000
SEC	13,800/7968 GRD Y	AMPS	41.8	BIL	95	KVA	1000

APPROXIMATE IMPEDANCE:	5.75%
PRIMARY TAPS:	2 @ $\pm 2.5\%$
K-FACTOR	4
DRIVE DUTY APPLICATION	
MINIMUM EFFICIENCY	98%
STEP UP APPLICATION	
VPI COIL PROCESSING	
APPROXIMATE CORE AND COIL WEIGHT:	7,000 lbs
APPROXIMATE TOTAL WEIGHT:	10,000 lbs



CUSTOMER NAME:	SIEMENS POWER GENERATION
PROJECT:	BORREGO SOLAR / ENERGY STORAGE SOLUT
CUSTOMER P.O.#:	4506515268
UNIT RANGE:	44023

MTC DESIGN #: 361000K09HC01

BY: MCM 10/11/17	DRAWING NUMBER:  44023-30	
CHK: HEF 10/11/17		
APP: TJT 10/11/17	SHEET: 30	REV. 0

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