



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	60	
TYPE	AA	RISE	150°C	CLASS	H	220°C INS
PRI	4160/2402 GRD Y	AMPS	138.8	BIL	30	KVA 1000
SEC	13800/7968 GRD Y	AMPS	41.8	BIL	95	KVA 1000
APPROXIMATE IMPEDANCE: 5.75%						
PRIMARY TAPS: 2 @ ± 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.						

**SCHAFFNER MTC**  
transformers

CUSTOMER NAME: SIEMENS POWER GENERATION  
PROJECT: BORREGO SOLAR / ENERGY STORAGE SOLUTION  
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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