

Bulletin 816B: Potential Transformer **Specifications: 69kV**

Product Type	Potential Transformer
Quantity	3,000
Standard	ANSI C57.13
Altitude above sea level	3,300 FT
Temperature range min.	-40 °C
Temperature range max.	40 °C
Wind speed max.	80 mph
Rated Voltage (Between Phases)	69.0 kV
Maximum Voltage (Between Phase)	72.5 kV
Frequency	60 Hz
1 Minute Dry Withstand	140 kV
10 Second Wet Withstand	140 kV
Basic Impulse Insulation Level	350 kV
Over Voltage Factor	1.73/60s
Max Thermal Burden	5,000 VA
Over Voltage Factor Continuous	1.1
Primary Voltage	40,250 V
No. of Secondaries	2
Secondary Winding Ratio	350/600:1
Secondary Voltage full W1	115 V
Secondary Voltage tap W1	67.08
Accuracy W1	0.3
Burden W1	WXYZ,ZZ
Secondary Voltage full W2	115 V
Secondary Voltage tap W2	67.08
Accuracy W2	0.3
Burden	W2 WXYZ,ZZ
Type of Insulator	Porcelain
Creepage Distance	51.87 IN
Strike Distance	24.21 IN
Type of Dome	Aluminum
Type of Tank	Steel
Primary Terminal	Tin plated Al NEMA 4 holes
Ground Terminal	Stainless steel NEMA 2 holes
Secondary Terminal Type	Stud type
Nameplate	Stainless Steel

NOTES:

*Hermetically sealed voltage transformer.

*This transformer is filled with non-PCB mineral oil that contains less than 1 PPM PCD at the time of manufacture.