

POTENTIAL TRANSFORMERS

OUTDOOR POTENTIAL TRANSFORMERS

MODEL JVW-3

APPLICATIONS

Designed for outdoor service. Suitable for operating meters, instruments, relays, and control devices.

SPECIFICATIONS

Frequency..... 50/60Hz
 Thermal Rating.....750VA @ 30°C Amb.
 Insulation Level.....5kV, 60kV BIL
 WeightApproximately 44 Lbs.

Manufactured to meet the requirements of ANSI/IEEE C57.13



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APPLICATION AND ORDERING DATA								
CATALOG NUMBER	LINE-TO-LINE CIRCUIT VOLTAGE FOR PERMISSIBLE PRIMARY CONNECTIONS			TRANSFORMER RATING (a)		ANSI ACCURACY CLASSIFICATION, 60Hz		
						BURDEN PER ANSI		BURDEN IMPEDANCE AT RATED VOLTAGE BUT OPERATED AT 58% RATED VOLTAGE (c)
	Δ	Y	Y ONLY	PRIMARY VOLTAGE	RATIO	OPERATED AT RATED VOLTAGE	OPERATED AT 58% OF RATED VOLTAGE (b)	
763X030001	2400	2400	4160	2400	20:1	0.3 W, X, M, Y; 1.2 Z	0.3 W, X; 1.2 M, Y	0.3 W', X', M', Y'
763X030002	4200	4200	---	4200	35:1	0.3 W, X, M, Y; 1.2 Z	0.3 W, X; 1.2 M, Y	0.3 W', X', M', Y'
763X030003	4800	4800	---	4800	40:1	0.3 W, X, M, Y; 1.2 Z	0.3 W, X; 1.2 M, Y	0.3 W', X', M', Y'

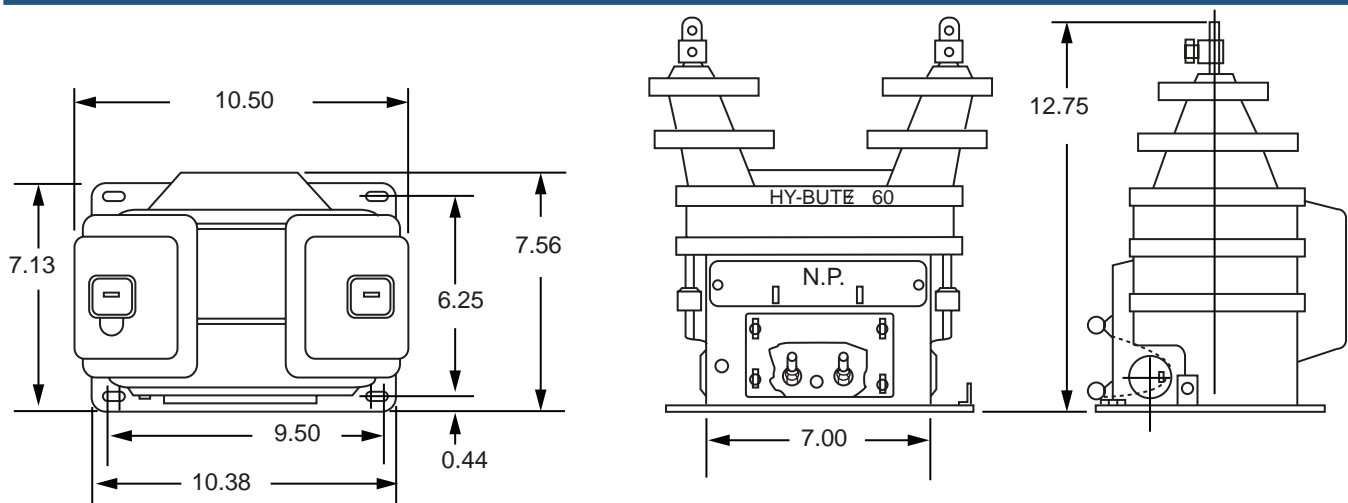
Notes:

(a) For continuous operation, the transformer-rated primary voltage should not be exceeded by more than 10%. Under emergency conditions, over-voltage must be limited to 1.25 times the transformer primary-voltage rating.

(b) Applies to transformers connected Y-Y on a circuit in which the line-to-line voltage is the same as the transformer-rated primary voltage. In each case, the transformer is operated with reduced voltage and reduced excitation (58% of normal). In determining the accuracy classification under such conditions, the Volt-Ampere rating of the burden is maintained constant, regardless of the transformer secondary voltage.

(c) The prime symbol (') is used to signify that these burdens do not correspond to standard ANSI definitions.

DIMENSIONS



All Dimensions In Inches

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