



# Indoor/Outdoor Voltage Transformer

## Model JVM-0C – 10 kV BIL, 69 - 600 V



### Application

Designed for indoor service; suitable for operating meters, instruments, relays and control devices. Unfused models are suitable for outdoor service.

### Regulatory Agency Approvals

UL Recognized ..... File E93779

### Thermal Rating (Volt-Amperes)

55 °C Rise above 30 °C Ambient ..... 750 VA  
30 °C Rise above 55 °C Ambient ..... 500 VA

### Weight

(approximate) ..... 25 lbs

### Reference Drawings:

Outline ..... 0122C33702

### Insulation Levels

0.6 kV; BIL 10 kV full wave

### Frequency

**JVM-0C DATA TABLE**

Circuit Line to Line Voltage	Permissible Transformer Primary Connection	Transformer Rating		ANSI Accuracy Classification 60 Hz		Catalog Number			Recommended Primary Fuse Rating  Amps
				Burden Per ANSI					
		Primary Voltage (1)	Ratio	Operated at Rated Voltage	Operated at 58% of Rated Voltage	Not Fused (suitable for outdoor use)	Primary Fuses Only	Primary and Secondary Fuses	
120	Y only	69.3	0.578:1	0.3 W 0.6 X, M, & Y	0.6 W 1.2 M	760X133001	760X133021	760X133041	15.0
120 208	Δ or Y Y only	120	1:1	0.3 W 0.6 X, M, & Y	0.6 W 1.2 M	760X133002	760X133022	760X133042	10.0
120 208	Δ or Y Y only	120	1.732:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133003	760X133023	760X133043	10.0
208	Δ or Y	207.8	1.732:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133004	760X133024	760X133044	8.0
240 416	Δ or Y Y only	240	2:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133005	760X133025	760X133045	8.0
480	Y only	288	2.4:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133006	760X133026	760X133046	6.0
480	Y only	300	2.5:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133007	760X133027	760X133047	6.0
480 832	Δ or Y Y only	480ψ	4:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133008	760X133028	760X133048	4.0
600 1040	Δ or Y Y only	600ψ	5:1	0.3 W, X, M, Y 1.2 Z	0.3 W, X 0.6 M	760X133009	760X133029	760X133049	3.0

### Notes:

- 1) 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; except those marked ψ, which must not exceed 110% rated voltage

**Construction and Insulation**

The core and coils are enclosed in a molded case and encapsulated in polyurethane resin. The case is molded with GE Valox® thermoplastic polyester resin. This tough material has excellent electrical and mechanical properties over a wide temperature range with low moisture absorption and good flame resistance.

**Core**

The cores are made from high quality grain oriented silicon steel, which is annealed under rigidly controlled factory conditions.

**Terminals**

Primary and secondary terminals are No. 10-32 brass screws with one flat washer and one lock washer. A sealable, clear plastic, terminal cover is provided.

**Polarity**

Primary and secondary polarity identifiers are molded into the top surface of the transformer case.

**Fuses**

Primary fuses are recommended, rated as shown in the data table. A secondary fuse is recommended, type BBS rated at 8.0 Amps to protect the transformer from external short circuits.

**Mounting**

These transformers may be mounted in any position, the case is provided with four mounting slots in the steel base plate.

**Nameplate**

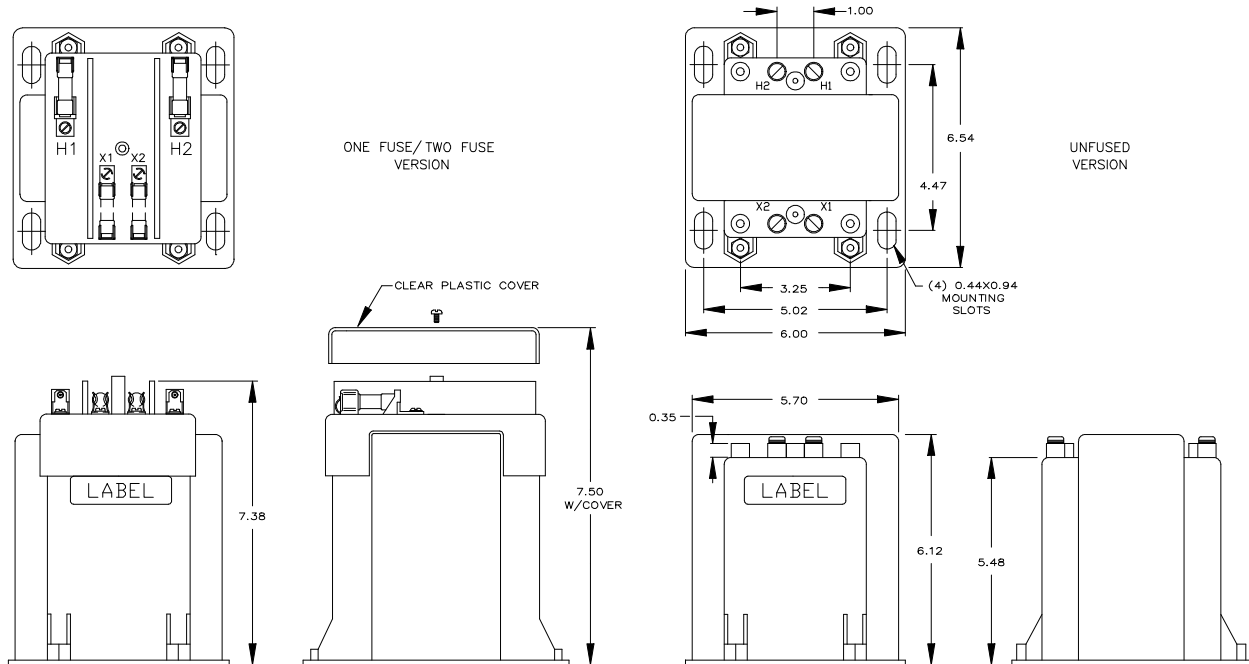
The nameplate is a polyester label attached to the side of the transformer case.

**Maintenance**

These transformers require no maintenance, other than occasional cleaning.

*Data subject to change without notice*

To purchase or obtain more information about GE Instrument Transformer products, please call GE's Charlotte Service Center at 1-800-431-7867. Product information is also available on our web site at <http://www.GEIndustrial.com>. Click on the Product Index button (right column), select Transformers and follow the menus to **Product Information** or a **Solutions Advisor**.



**JVM-0C Dimensions**



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