



Indoor/Outdoor Voltage Transformer

Model JVM-OC 10kV BIL, 69-600V

GEA-12638



Unfused Version



1 fuse Version



2 fuse Version

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 RecognizedFile E93779

THERMAL RATING (VOLT-AMPERES)

55°C Rise above 30°C Ambient750 VA

30°C Rise above 55°C Ambient500 VA

WEIGHT

(Approximate)25 lbs

REFERENCE DRAWINGS

Outline0122C33702

INSULATION LEVEL

0.6kV; BIL 10kV full wave

FREQUENCY

60 Hz

JVM-OC DATA TABLE

Circuit Line to Line Voltage	Permissible Transformer Primary Connection	Transformer Rating		ANSI Accuracy Classification 60 Hz		Catalog Number			Recommended Primary Fuse Rating
		Primary Voltage (1)	Ratio	Burden Per ANSI		Not Fused	Primary Fuses Only	Primary and Secondary Fuses	Amps
				Operated at Rated Voltage	Operated at 58% of Rated Voltage				
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's 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.

