

# EARTHED TYPE (계기용변압기 / 접지형) VOLTAGE TRANSFORMER (EVT)

24(25.8)kV (0~200VA)

## W24V1C



### EPOXY RESIN CASTING VOLTAGE TRANSFORMERS for highest voltage of equipment up to 24kV

W24V1C 변압기는 최고회로전압 24kV급 절연성능으로 설계되어진 옥내용 에폭시물드 제품으로 그 이하 전압(3.6, 7.2, 12kV) 제품에 대해서는 동일한 치수(DIMENSION)를 가진다. 안정적인 절연능력 및 전기적 특성을 갖으며, 기계적 안전성과 유지보수의 용이성이 우수한 제품입니다.

The W24V1C voltage transformer is an indoor epoxy resin cast product designed in a maximum circuit voltage 24kV-class insulation performance, and has the same dimensions for the less voltage(3.6, 7.2, 12kV) product. This has a stable insulation capacity and electrical property, has excellent mechanical safety, and is easy to maintain.

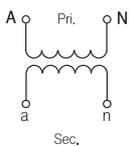
#### ● Feature

규격 Standard	IEC - IEEE - KS etc.
설계 및 적용 Design and Application	- 계기 및 보호용 Designed for measuring and/or protection - 퓨즈 내장형 Support Type with Fuse
사용조건 Service condition	옥내 Valid for indoor service
작업공정 Working process	자동진공주형방식 Automatic vacuum casting method

#### ● Electrical characteristic

ITEM	MODEL	W24V1C
Highest voltage for equipment (Um)		24kV
Rated power-frequency withstand voltage (60sec)		50kV
Rated lightning impulse withstand voltage (1.2/50μs)full wave		125kV
Rated frequency		50Hz, 60Hz, others on request
Rated Primary Voltage		22900/√3 V
Rated Secondary Voltage		110/√3 V, 190/√3 V, 380/√3 V
Rated Voltage factor		1.2Cont, 1.5/30s, 1.9/30s, 1.9/8h
Thermal Limit Burden		700VA
Insulation class (according to IEC 60085)		E
Standard		According to customer requirements
Temperature Category		According to customer requirements
Weight (approx.)		40kg

#### ● Connection Diagram



Single ratio

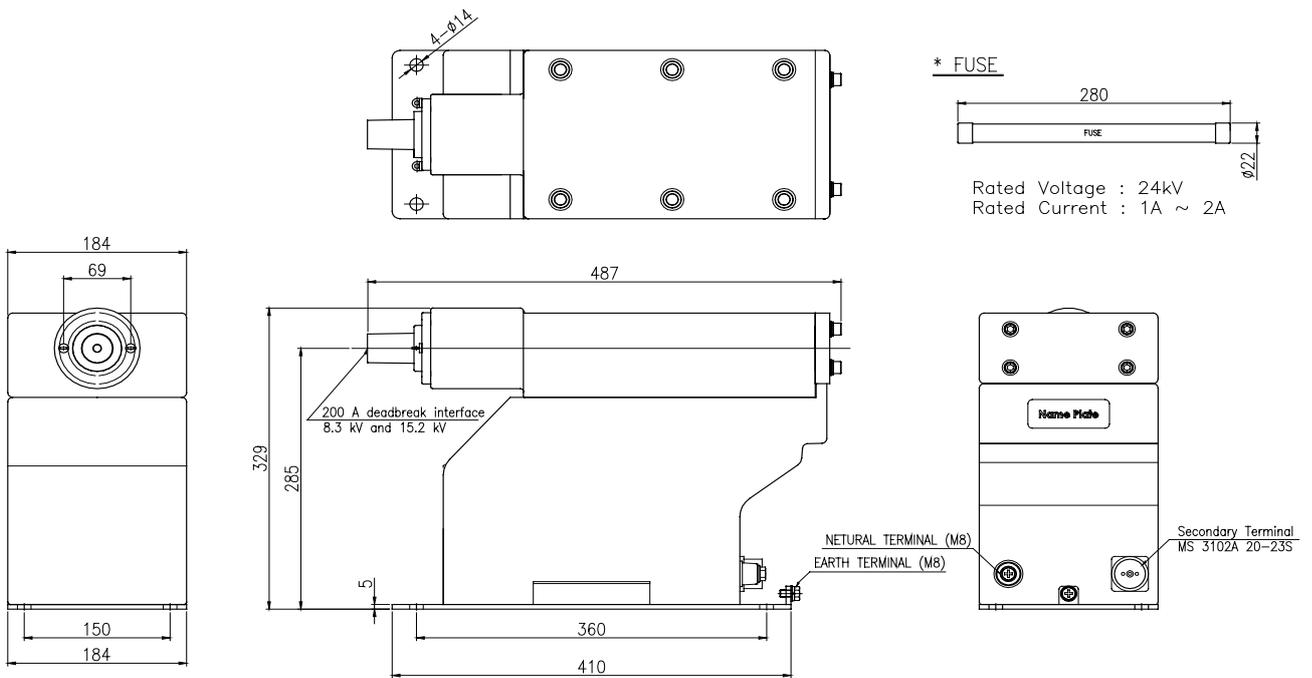
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## ● Specification

Highest voltage for equipment (Um)	Voltage Ratio (V)	IEC 61869-3			IEEE C57.13	
		Accuracy Class	Burden (VA)	Voltage Factor	Accuracy Class	Burden (VA)
24kV	$\frac{22900}{\sqrt{3}} / \frac{380}{\sqrt{3}}$	1.0	200	1.2Cont 1.5/30s	1.2	Z
		1.0	100	1.2Cont 1.9/30s		

## ● Dimension



HV / CVT  
고압변류기

HV / VVT : MOF  
고압변압기

LV / CVT  
저압변류기

LV / VVT  
저압변압기

RELAY  
보통계전기

ELED  
누전경보기

GFRT  
지락계전기

ZCT  
영상변류기

METER  
지시전기계기

SHUNT  
선프