

# WINDING TYPE (권선형) CURRENT TRANSFORMER

3.6~7.2kV (5~600A / 40In~12.5kA)

## W07CWA



### EPOXY RESIN CASTING CURRENT TRANSFORMERS for highest voltage of equipment up to 7.2kV

W07CWA 변류기는 최고 회로전압 7.2kV급 절연성능으로 설계되어진 옥내용 에폭시몰드 제품으로 그 이하 전압(3.6kV) 제품에 대해서는 동일한 치수(DIMENSION)를 가진다. 본 제품은 소형경량의 Compact한 변류기 구조를 가짐으로서, 설치공간이 협소한 표준배전반에 매우 적합한 제품이다. 또한 1core 단일 비 또는 다중 비 형태의 제품으로 설계 및 제작이 가능합니다.

The W07CWA current transformer is an indoor epoxy resin cast product designed in a maximum circuit voltage 7.2kV-class insulation performance, and the less voltage(3.6kV) product has the same dimensions. This product has a miniature light-weight compact structure to be very suitable for standard switchboards installed in a narrow space. In addition, this can be designed and fabricated in a single or multiple ratio type such as 1 core.

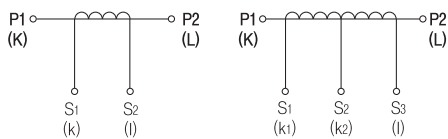
#### ● Feature

규격 Standard	IEC - KS C - JEC
설계 및 적용 Design and Application	계기 및 보호용 Designed for measuring and/or protection
사용조건 Service condition	옥내 Valid for indoor service
작업공정 Working process	- 자동진공주형방식 Automatic vacuum casting method - APG방식 Automatic Pressure Gelation method

#### ● Electrical characteristic

ITEM	MODEL	
	W07CWA	
Highest voltage for equipment (Um)	3.6kV	7.2kV
Rated power-frequency withstand voltage (60sec)	10kV	20kV
Rated lighting Impulse withstand voltage (1.2/50μs)/full wave	40kV	60kV
Rated frequency	50 / 60Hz	
Rated primary current(Ipr)	5 to 600A	
Rated secondary current(Isr)	5 or 1A	
Rated continuous thermal current	120%	
Rated short-time thermal current Ith (1sec)	40In~12.5kA	
Rated dynamic current Idyn (2.5×Ith)	31.25kA	
Insulation class (according to 60085)	E	
Standard	According to customer requirements	
Weight (approx.)	10kg	

#### ● Connection Diagram



1 - Core Single ratio

1 - Core Double ratio

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고압계기용변성기

3.6~7.2kV (5~600A / 40In~12.5kA)

## ● Specification

ITEM	Rated short time current	Current Ratio		IEC 61869-2			KSC 1706, JEC 1201			IEEE C57.13	
		Single	Double	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor	Class	Burden
Metering	40In	5/5A~600/5A	10-5/5A~600-300/5A	0.5	15VA	FS5	1.0	15VA	-	0.6, 1.2	12.5VA (B-0.5)
	75In	5/5A~600/5A	10-5/5A~600-300/5A								
	8kA	75/5A~600/5A	150-75/5A~600-300/5A								
	40In	5/5A~600/5A	10-5/5A~600-300/5A	1.0	30VA	FS10	1.0	40VA	-	1.2	22.5VA (B-0.9)
	75In	5/5A~600/5A	10-5/5A~600-300/5A								
	8kA	75/5A~600/5A	150-75/5A~600-300/5A								
Protection	40In	5/5A~600/5A	10-5/5A~600-300/5A	5P 10P	15VA	10	1P	15VA	n>10	T50	12.5VA
	8kA	75/5A~600/5A	200-100/5A~600-300/5A								
	40In	5/5A~600/5A	10-5/5A~600-300/5A	5P 10P	15VA	20	1P	15VA	n>20		
	8kA	150/5A~600/5A	150-75/5A~600-300/5A								

HV / C T  
고압변류기

HV / VT - MOF  
고압변압기

LV / C T  
저압변류기

LV / VT  
저압변압기

RELA Y  
보호계전기

E L D  
누전경보기

G F R  
지락계전기

Z C T  
영상변류기

M E T E R  
지시전기계기

S H U N T  
셔트

## ● Dimension

