

WINDING TYPE (권선형) CURRENT TRANSFORMER

12~24kV (5~3200A / 40In~40kA)

W24CWD



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

W24CWD 변류기는 최고 회로전압 24kV급 절연성능으로 설계되어진 옥내용 에폭시몰드 제품으로 그 이하 전압(12,17.5kV) 제품에 대해서는 동일한 치수(DIMENSION)를 가진다. 본 제품은 소형경량의 Compact한 변류기 구조를 가짐으로서, 설치공간이 협소한 표준배전반에 매우 적합한 제품이다. 또한 1core, 2core 단일 비 또는 다중 비 형태의 제품으로 설계 및 제작이 가능하다.

The W24CWD current transformer is an indoor epoxy resin cast product designed in a maximum circuit voltage 24kV-class insulation performance, and the less voltage(12, 17.5kV) 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 and 2 cores.

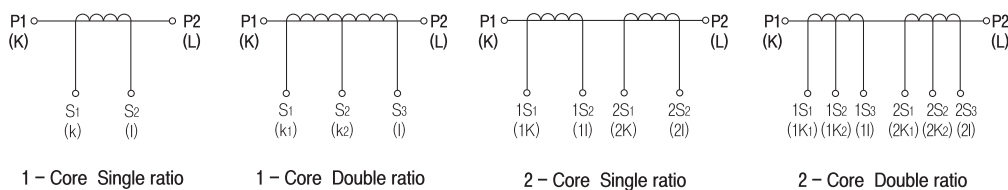
● Feature

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		
	W24CWD		
Highest voltage for equipment (Um)	12kV	17.5kV	24kV
Rated power-frequency withstand voltage (60sec)	28kV	38kV	50kV
Rated lighting impulse withstand voltage (1.2/50μs)/full wave	75kV	95kV	125kV
Rated frequency	50 / 60Hz		
Rated primary current(Ipr)	5 to 3200A		
Rated secondary current(Isr)	5 or 1A		
Rated continuous thermal current	120%		
Rated short-time thermal current Ith (1sec)	40In~40kA		
Rated dynamic current Idyn (2.5×Ith)	100kA		
Insulation class (according to 60085)	E		
Standard	According to customer requirements		
Weight (approx.)	40kg		

● Connection Diagram



WINDING TYPE (권선형) CURRENT TRANSFORMER



고압계기용변성기

12~24kV (5~3200A / 40In~40kA)

● 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	8kA	5/5A~3200/5A	10-5/5A~3200-1500/5A	1.0	15VA	FS5 FS10	1.0	15VA	-	0.6,1.2	12.5VA (B-0.5)	
	12.5kA	10/5A~3200/5A	20-10/5A~3200-1500/5A									
	25kA	15/5A~3200/5A	30-15/5A~3200-1500/5A									
	31.5kA	20/5A~3200/5A	40-20/5A~3200-1500/5A									
	40kA	30/5A~3200/5A	60-30/5A~3200-1500/5A									
	Protection	8kA	10/5A~3200/5A	20-10/5A~3200-1500/5A	5P 10P	15VA	10 10	1P	15VA	n>10	T50	12.5VA
		12.5kA	15/5A~3200/5A	30-15/5A~3200-1500/5A								
		25kA	20/5A~3200/5A	40-20/5A~3200-1500/5A								
		31.5kA	30/5A~3200/5A	60-30/5A~3200-1500/5A								
		40kA	40/5A~3200/5A	80-40/5A~3200-1500/5A								
2core		8kA	10/5A~3200/5A	20-10/5A~3200-1500/5A	1.0/5P	15/15VA	10	1.0/1P	15/15VA	n>10	-	-
		12.5kA	15/5A~3200/5A	30-15/5A~3200-1500/5A								
		25kA	25/5A~3200/5A	50-25/5A~3200-1500/5A								
		31.5kA	30/5A~3200/5A	60-30/5A~3200-1500/5A								
		40kA	40/5A~3200/5A	80-40/5A~3200-1500/5A								
	2core	40In	5~1500/5-5A	10-5/5A~1500-750/5-5A	1.0/5P	15/15VA 30/30VA	20 10	1.0/1P	15/15VA 40/40VA	n>20 n>10	-	-
		75In	5~800/5-5A	10-5/5A~800-400/5-5A								
		150In	5~400/5-5A	10-5/5A~400-200/5-5A								
		300In	5~200/5-5A	10-5/5A~200-100/5-5A								
		8kA	15~2000/5-5A	30-15/5A~3200-1500/5-5A								
2core		40In	5~1500/5-5A	10-5/5A~1500-750/5-5A	1.0/5P	30/30VA	20	1.0/1P	40/40VA	n>20	-	-
		75In	5~800/5-5A	10-5/5A~800-400/5-5A								
		150In	5~400/5-5A	10-5/5A~400-200/5-5								
		300In	10~200/5-5A	10-5/5A~200-100/5-5								
		8kA	30~2000/5-5A	60-30/5A~3200-1500/5-5A								

- 고압변류기
HV / C T
- 고압변압기
HV / VT - MOF
- 저압변류기
LV / C T
- 저압변압기
LV / VT
- 보통계전기
RELA Y
- 누전경보기
E L D
- 지락계전기
G F R
- 영상변류기
Z C T
- 지시전기계기
M E T E R
- 선풍기
S H U N T

● Dimension

