



Medium Voltage Current Transformer



KS C 1706,1707



Certification ISO 9001,14001



Conformite European



1-E Class Cert



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No. 2010 & TP-010

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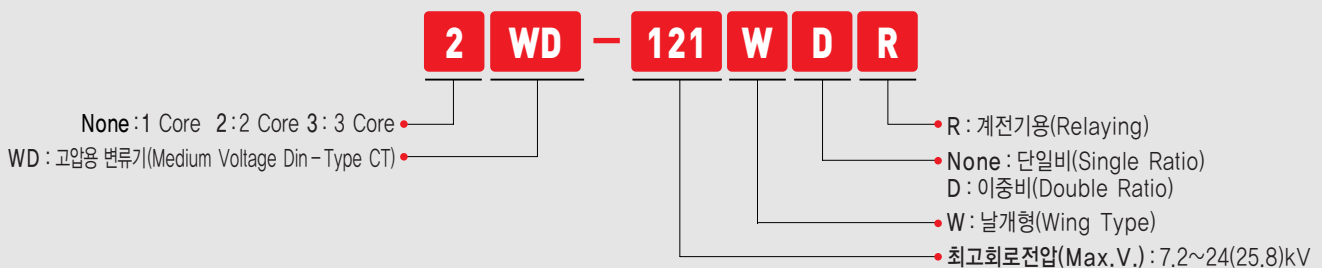
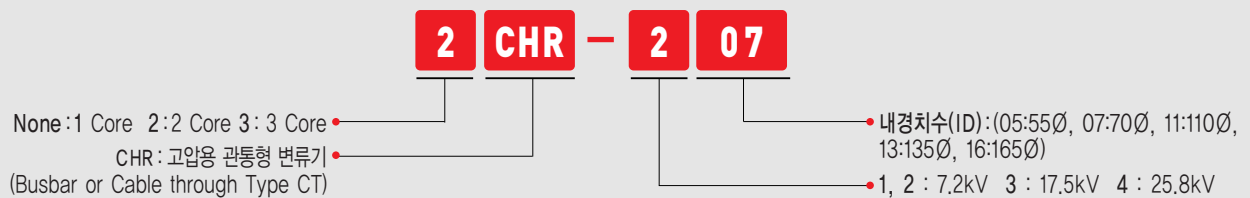
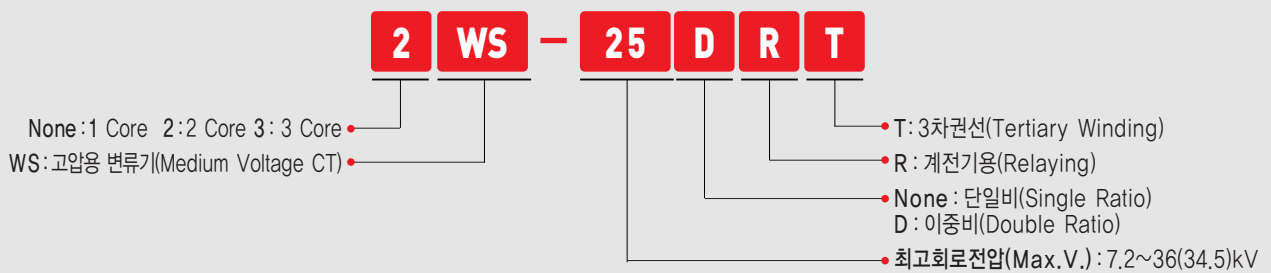
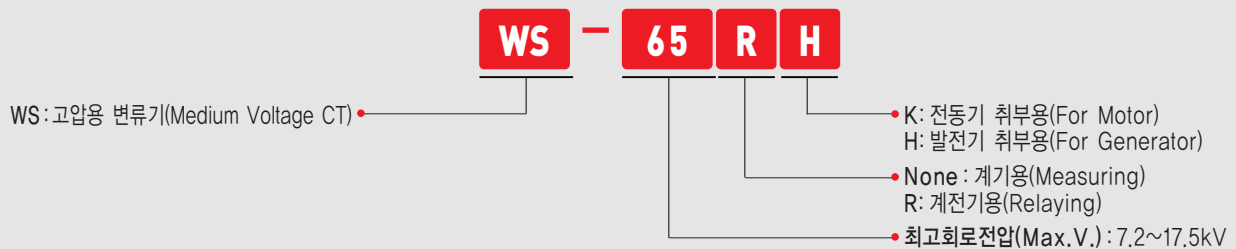


고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



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■ Standard : IEC 61869-2

[illegible]

※2000/5A는 WS-255, 285, 287 제작 가능하며, 1500A 이상은 1차 단자 4HOLE

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S.T.C	8kA						12.5kA						25kA						31.5kA						40kA						
BURDEN	15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA			
CLASS	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	
5/5A	285	285	287	287			362																								
10/5A	65	255	285	255	285	363	285	285	287	287	287		287	287	363																
15/5A	65	65	285	65	285	287	65	255	285	255	285	363	285	285	287	287	287		285	285	363					363	363	363			
20/5A	64	64	255	65	255	285	65	65	255	255	255	287	285	285	287	285	287	363	285	285	363	362	363			285	287	363	363	363	
25/5A	64	64	255	65	255	285	64	64	255	65	255	287	254	255	285	255	287	363	285	285	287	285	287	363	285	285	363	362	363	363	
30/5A	64	64	254	64	254	285	64	64	255	65	255	285	65	255	285	255	285	287	285	285	287	285	287	363	285	285	363	362	363	363	
40/5A	64	64	65	64	65	255	64	64	255	64	255	285	65	255	285	255	255	287	65	255	285	255	285	363	254	285	287	285	287	363	
50/5A	63	64	65	64	65	255	64	64	65	64	65	255	64	64	255	254	255	287	65	255	285	255	285	287	254	255	285	255	287	363	
60/5A	63	64	65	64	64	255	64	64	65	64	65	255	64	64	255	65	255	285	65	65	285	255	285	287	65	255	285	255	285	363	
75/5A	62	64	65	64	64	254	64	64	65	64	64	255	64	64	255	64	255	285	65	65	255	65	255	285	65	254	285	254	285	287	
80/5A	62	64	65	64	64	254	64	64	65	64	64	255	64	64	255	64	255	285	65	65	255	65	255	285	65	254	285	254	285	287	
100/5A	62	64	64	63	64	65	64	64	65	64	64	254	64	64	254	64	254	255	65	65	255	65	255	285	65	65	255	254	255	287	
120/5A	62	64	64	63	64	65	64	64	65	64	64	65	64	64	65	64	65	255	65	65	255	65	255	285	65	65	255	65	255	285	
150/5A	62	62	63	62	64	65	62	64	64	64	64	65	64	64	65	64	64	255	65	65	65	65	65	255	65	65	254	65	254	285	
200/5A	62	62	63	62	63	65	62	64	64	64	64	65	64	64	65	64	64	254	65	65	65	65	65	255	65	65	254	65	254	255	
250/5A	62	62	63	62	63	65	62	64	64	64	64	65	64	64	65	64	64	65	65	65	65	65	65	255	65	65	65	65	65	255	
300/5A	62	62	63	62	63	65	62	62	64	62	64	65	64	64	64	64	64	65	65	65	65	65	65	254	65	65	65	65	65	254	
400/5A	63	63	63	63	63	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	
500/5A	63	63	63	63	63	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	
600/5A	63	63	63	63	63	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	
800/5A	64	64	64	64	64	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	
1000/5A	64	64	64	64	64	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	
1200/5A	64	64	64	64	64	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	
1500/5A	64	64	64	64	64	65	64	64	64	64	64	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	

※2000/5A는 WS-255, 285, 287 제작 가능하며, 1500A 이상은 1차 단자 4HOLE



정격과전류별 타입 선정표

CT Selection Table 17.5kV~24kV

■ Standard : IEC 61869-2

S.T.C	40In						75In						150In						300In					
BURDEN	15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA		
CLASS	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20
5/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	255	255	254	255	255
10/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
15/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
20/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
25/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
30/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
40/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
50/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
60/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
75/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
80/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
100/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
120/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
150/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
200/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255	254	254	255	254	255	255
250/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255						
300/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255						
400/5A	251	251	251	251	251	252	251	252	252	251	252	254	252	252	254	252	254	255						
500/5A	251	251	251	251	251	252	251	252	252	251	252	254												
600/5A	251	251	251	251	251	252	251	252	252	251	252	254												
800/5A	251	251	251	251	251	252	251	252	252	251	252	254												
1000/5A	251	251	251	251	251																			
1200/5A	251	251	251	251	251																			
1500/5A	251	251	251	251	251																			

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*2000/5A는 WS-255, 285, 287 제작 가능하며, 1500A 이상은 1차 단자 4HOLE

S.T.C	8kA						12.5kA						25kA						31.5kA						40kA					
BURDEN	15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA		
CLASS	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20
5/5A	285	285	287	287			362																							
10/5A	254	255	285	255	285	363	285	285	287	287	287		287	287																
15/5A	254	254	285	255	285	287	254	255	285	255	285	363	285	285	287	287	287		285	285	363				363	363	363			
20/5A	252	252	255	254	255	285	254	255	255	255	255	287	285	285	287	285	287	363	285	285	363	362	363		285	287	363	363	363	
25/5A	252	252	255	252	255	285	252	252	255	254	255	287	254	255	285	255	287	363	285	285	287	285	287	363	285	285	363	362	363	363
30/5A	252	252	254	252	254	285	252	252	255	254	255	285	254	255	285	255	285	287	285	285	287	285	287	363	285	285	363	362	363	363
40/5A	251	252	254	252	254	255	252	252	255	252	255	285	254	255	255	255	255	287	254	255	285	255	285	363	254	285	287	285	287	363
50/5A	251	252	254	252	252	255	251	252	254	252	254	255	252	252	255	254	255	287	254	255	285	255	285	287	254	255	285	255	287	363
60/5A	251	252	254	252	252	255	251	252	254	252	254	255	252	252	255	254	255	285	254	255	285	255	285	287	254	255	285	255	285	363
75/5A	251	251	254	251	252	254	251	252	254	252	252	255	252	252	255	252	255	285	252	254	255	254	255	285	254	254	285	254	285	287
80/5A	251	251	254	251	252	254	251	252	254	252	252	255	252	252	255	252	255	285	252	254	255	254	255	285	254	254	285	254	285	287
100/5A	251	251	252	251	252	254	251	252	254	251	252	254	251	252	254	252	254	255	252	252	255	252	255	285	252	252	255	254	255	287
120/5A	251	251	252	251	252	254	251	251	254	251	252	254	251	252	254	252	254	255	252	252	255	252	255	285	252	252	255	254	255	285
150/5A	251	251	251	251	252	254	251	251	252	251	252	254	251	252	254	252	254	255	252	252	254	252	254	255	252	252	254	252	254	285
200/5A	251	251	251	251	251	254	251	251	252	251	252	254	251	252	254	251	252	254	252	252	254	252	252	255	252	252	254	252	254	255
250/5A	251	251	251	251	251	254	251	251	251	251	252	254	251	251	254	251	252	254	252	252	254	252	252	255	252	252	254	252	252	255
300/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	252	251	252	254	252	252	254	252	252	254	252	252	254	252	252	254
400/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	252	251	252	254	252	252	252	252	252	254	252	252	254	252	252	254
500/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	251	251	252	254	252	252	252	252	252	254	252	252	254	252	252	254
600/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	251	251	251	254	252	252	252	252	252	254	252	252	252	252	252	254
800/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	251	251	251	254	252	252	252	252	252	254	252	252	252	252	252	254
1000/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	251	251	251	254	252	252	252	252	252	254	252	252	252	252	252	254
1200/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	251	251	251	254	252	252	252	252	252	254	252	252	252	252	252	254
1500/5A	251	251	251	251	251	254	251	251	251	251	251	254	251	251	251	251	251	254	252	252	252	252	252	254	252	252	252	252	252	254

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※ 1500A 이상은 1차 단자 4HOLE

S.T.C	8kA						12.5kA						25kA						31.5kA						40kA						
BURDEN	15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA			
CLASS	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	
5/5A	362	362	362	362			362																								
10/5A	361	361	362	362	362	363	362	362	363	362	363		362	363	363																
15/5A	361	361	362	361	362	362	361	361	362	362	362	363	362	362	363	362	363		362	363	363					363	363	363			
20/5A	361	361	362	361	362	362	361	361	362	361	362	363	362	362	363	362	363	363	362	362	363	362	363			362	363	363	363	363	
25/5A	361	361	361	361	361	362	361	361	362	361	362	362	361	362	362	362	362	363	362	362	363	362	363	363	362	362	363	362	363	363	
30/5A	361	361	361	361	361	362	361	361	362	361	362	362	361	361	362	362	362	363	362	362	363	362	363	363	362	362	363	362	363	363	
40/5A	361	361	361	361	361	362	361	361	361	361	361	362	361	361	362	361	362	363	361	362	362	362	362	363	362	362	363	362	363	363	
50/5A	361	361	361	361	361	361	361	361	361	361	361	362	361	361	362	361	362	362	361	361	362	362	362	362	363	361	362	362	362	362	
60/5A	361	361	361	361	361	361	361	361	361	361	361	362	361	361	362	361	362	362	361	361	362	361	362	363	361	361	362	362	362	363	
75/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	361	361	362	361	362	362	361	361	362	362	362	363	
80/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	361	361	362	361	362	362	361	361	362	361	362	363	
100/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	361	361	362	361	362	362	361	361	362	361	362	362	
120/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	361	361	361	361	361	362	361	361	362	361	362	362	
150/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	361	361	361	361	361	362	
200/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	361	361	361	361	361	362	
250/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	362	
300/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
400/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
500/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
600/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
800/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
1000/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
1200/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	
1500/5A	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	

※ 1500A 이상은 1차 단자 4개이내



202 Products Guide

■ Standard : IEC 61869-2

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BURDEN	15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA		
CLASS	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20
5/5A	240	240	240	240	240		240	240	240	240	240		240	240	240	240	241		240	240	242	240		
10/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
15/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
20/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
25/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
30/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
40/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
50/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
60/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
75/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
80/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
100/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
120/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
150/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	241	
200/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241						
250/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241						
300/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241						
400/5A	240	240	240	240	240	240	240	240	240	240	240	240												
500/5A	240	240	240	240	240	240	240	240	240	240	240	240												
600/5A	240	240	240	240	240	240	240	240	240	240	240	240												
800/5A	240	240	240	240	240	240																		
1000/5A	240	240	240	240	240	240																		
1200/5A	240	240	240	240	240	240																		
1500/5A																								

※ 1500A 이상은 1차 단자 4HOLE

TYPE	Page
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S.T.C	8kA						12.5kA						25kA						31.5kA						40kA					
BURDEN	15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA			15VA			40VA		
CLASS	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20	1.0	5P10	5P20
5/5A																														
10/5A	242	242																												
15/5A	242	242	242	242			242	242																						
20/5A	240	240	242	241	242		241	241	242	242			242	242																
25/5A	240	240	241	240	241		241	241	242	241	242		241	241	242	242		242	242						242	242				
30/5A	240	240	241	240	241		240	240	241	241	242		241	241	242	242		242	242					242	242					
40/5A	240	240	241	240	241	242	240	240	241	240	241		241	241	242	241	242		241	241	242	242		241	241	242	242			
50/5A	240	240	240	240	241	241	240	240	241	240	241	242	241	241	241	241	241		241	241	242	241	242		241	241	242	241	242	
60/5A	240	240	240	240	241	241	240	240	241	240	241	242	240	240	241	241	241		240	240	242	241	242		240	240	242	241	242	
75/5A	240	240	240	240	240	241	240	240	240	240	241	241	240	240	241	240	241	242	240	240	241	240	241		240	240	241	240	241	
80/5A	240	240	240	240	240	241	240	240	240	240	240	241	241	240	240	241	240	241	242	240	240	241	240	241		240	240	241	240	241
100/5A	240	240	240	240	240	241	240	240	240	240	240	241	241	240	240	241	240	241	241	240	240	241	240	241	242	240	240	241	240	241
120/5A	240	240	240	240	240	241	240	240	240	240	240	241	241	240	240	241	240	241	241	240	240	241	240	241	242	240	240	241	240	241
150/5A	240	240	240	240	240	240	240	240	240	240	240	241	241	240	240	240	241	241	240	240	240	240	240	241	240	240	241	240	241	
200/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	240	241	240	240	240	240	240	240	
250/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	240	241	240	240	240	240	240	240	
300/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	240	241	240	240	240	240	240	240	
400/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	241	240	240	240	240	240	240	
500/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
600/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
800/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
1000/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
1200/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
1500/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
2000/5A	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	

※ 1500A 이상은 1차 단자 4HOLE



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-62(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

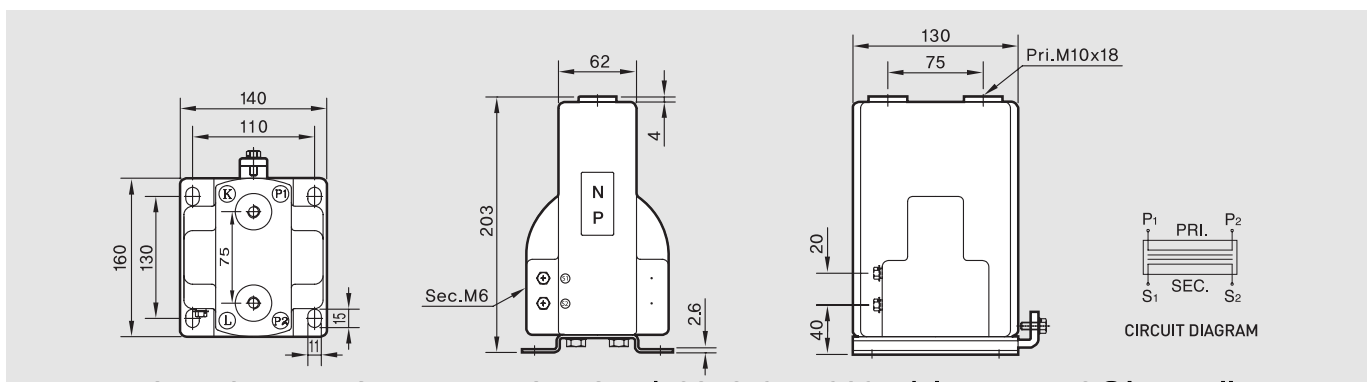
■ 계기용 / Measuring Application

Type	WS-62 or WS-62D	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	7.2kV	7.2kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	7.2 / 20 / 60kV
단시간 전류 / Short time Current Max.kA	40In (Max. 12.5kA/1sec)	
정격1차전류 / Rated Primary Current	5~300A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	
중량 / Weight(kg)	≈ 5.2	

■ 계전기용 / Relaying Application

Type	WS-62 or WS-62DR	
규격 / Standard	JEC 1201	IEC 61869-2
최고회로전압 / Max. Voltage	6.9kV	7.2kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	7.2 / 20 / 60kV
단시간 전류 / Short time Current Max.kA	40In (Max. 12.5kA/1sec)	
정격1차전류 / Rated Primary Current	5~300A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15VA	
오차계급 / Accuracy Class	1P	5P or 10P
과전류 정수 / Over Current Factor	$n > 10$	$n > 10$
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In
주파수 / Frequency	60Hz (option : 50Hz)	
중량 / Weight(kg)	≈ 5.2	

■ 외형치수 / Dimension



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■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비/Single	이중비/Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-62) (WS-62D)	40In	5/5~300/5	10-5/5~300-150/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 (OPTION)
	8kA	75/5~300/5	150-75/5~300-150/5								
	12.5kA	150/5~300/5	-								
	40In	5/5~300/5	10-5/5~300-150/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	8kA	150/5~300/5	150-75/5~300-150/5								
	12.5kA	300/5	-								
Relaying (WS-62R) (WS-62DR)	40In	5/5~300/5	10-5/5~300-150/5	-	-	1P	15VA	n>10	5P or 10P	15VA	n>10
	8kA	150/5~300/5	150-75/5~300-150/5								
	12.5kA	300/5	-								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-63(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~12kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

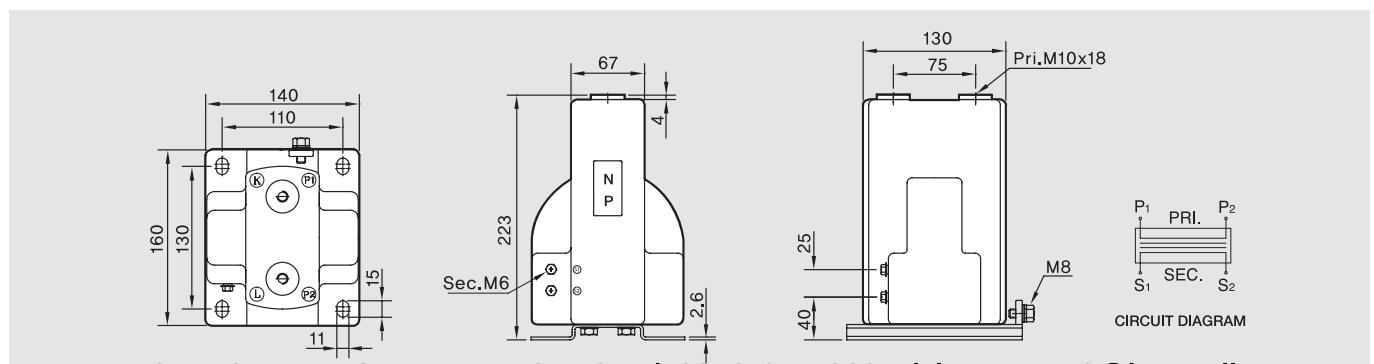
■ 계기용 / Measuring Application

Type	WS-63 or WS-63D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	11.5kV	7.2kV	12kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	11.5 / 28 / 95kV(75kV)	7.2 / 20 / 60kV	12 / 28 / 75kV
단시간 전류 / Short time Current Max.kA	40In (Max. 25kA/1sec)			
정격1차전류 / Rated Primary Current	5~600A or 600 / 300A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 7.5			

■ 계전기용 / Relaying Application

Type	WS-63R or WS-63DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	11.5kV	7.2kV	12kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	11.5 / 28 / 95kV(75kV)	7.2 / 20 / 60kV	12 / 28 / 75kV
단시간 전류 / Short time Current Max.kA	40In (Max. 25kA/1sec)			
정격1차전류 / Rated Primary Current	5~600A or 600 / 300A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n ≧ 10		n ≧ 10	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 7.5			

■ 외형치수 / Dimension



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■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-63) (WS-63D)	40In	5/5~600/5	10-5/5~600-300/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	75In	5/5~600/5	10-5/5~600-300/5								
	8kA	50/5~600/5	100-50/5~600-300/5								
	40In	5/5~600/5	10-5/5~600-300/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	75In	5/5~600/5	10-5/5~600-300/5								
	8kA	100/5~600/5	200-100/5~600-300/5								
Relaying (WS-63R) (WS-63DR)	40In	5/5~600/5	10-5/5~600-300/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	200/5~600/5	200-100/5~600-300/5								
	40In	5/5~600/5	10-5/5~600-300/5	-	-	1P	40VA	n)10	5P or 10P	30VA	n)10
	8kA	200/5~600/5	200-100/5~600-300/5								
	40In	5/5~600/5	10-5/5~600-300/5	-	-	1P	15VA	n)20	5P or 10P	15VA	n)20
	8kA	150/5~600/5	150-75/5~600-300/5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-64(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~12kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

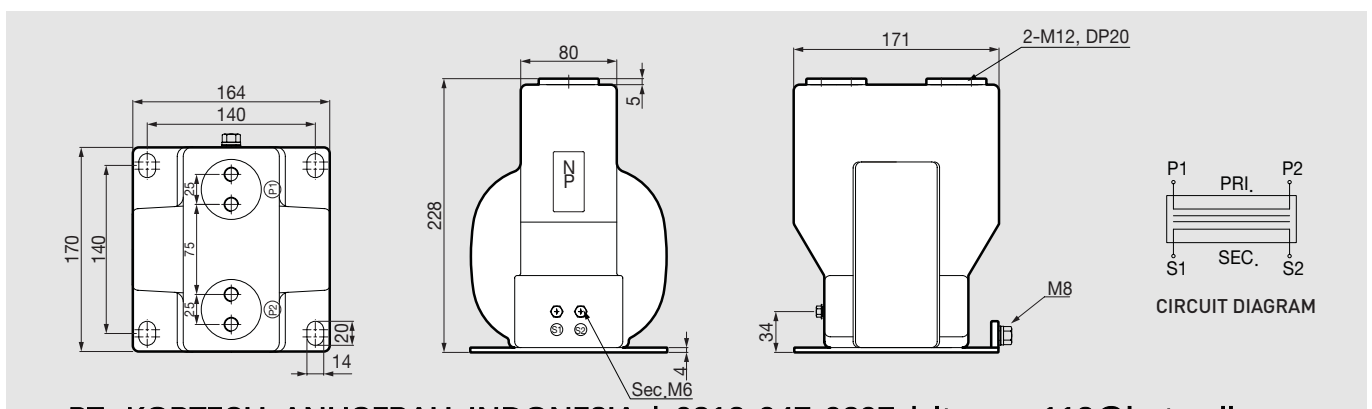
■ 계기용 / Measuring Application

Type	WS-64 or WS-64D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	11.5kV	7.2kV	12kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	11.5 / 28 / 95kV(75kV)	7.2 / 20 / 60kV	12 / 28 / 75kV
단시간 전류 / Short time Current Max.kA	40In (Max. 40kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 16			

■ 계전기용 / Relaying Application

Type	WS-64R or WS-64DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	11.5kV	7.2kV	12kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	11.5 / 28 / 95kV(75kV)	7.2 / 20 / 60kV	12 / 28 / 75kV
단시간 전류 / Short time Current Max.kA	40In (Max. 40kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 16			

■ 외형치수 / Dimension



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■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비/Single	이중비/Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-64) (WS-64D)	8kA	20/5~1500/5	40-20/5~1500-750/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	25/5~1500/5	50-25/5~1500-750/5								
	25kA	50/5~1500/5	100-50/5~1500-750/5								
	150In	5/5~400/5	10-5/5~400-200/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	8kA	30/5~1500/5	60-30/5~1500-750/5								
	12.5kA	40/5~1500/5	80-40/5~1500-750/5								
	25kA	75/5~1500/5	150-75/5~1500-750/5								
Relaying (WS-64R) (WS-64DR)	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	20/5~1500/5	20-10/5~1500-750/5								
	12.5kA	25/5~1500/5	30-15/5~1500-750/5								
	25kA	50/5~1500/5	50-25/5~1500-750/5	-	-	1P	40VA	n)10	5P or 10P	30VA	n)10
	75In	5/5~800/5	10-5/5~800-400/5								
	8kA	60/5~1500/5	60-30/5~1500-750/5								
	12.5kA	75/5~1500/5	80-40/5~1500-750/5	-	-	1P	15VA	n)20	5P or 10P	15VA	n)20
	25kA	150/5~1500/5	150-75/5~1500-750/5								
	40In	5/5~1500/5	10-5/5~1500-750/5								
	8kA	100/5~1500/5	100-50/5~1500-750/5	-	-	1P	15VA	n)20	5P or 10P	15VA	n)20
	12.5kA	150/5~1500/5	150-75/5~1500-750/5								
	25kA	300/5~1500/5	300-150/5~1500-750/5								
2 Core Single Ratio C.T (2WS-64)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	8kA	40~1500/5-5	40-20/5-5~1500-750/5-5								
	12.5kA	60~1500/5-5	60-30/5-5~1500-750/5-5								
	25kA	120~1500/5-5	120-60/5-5~1500-750/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-65(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~17.5kV

특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

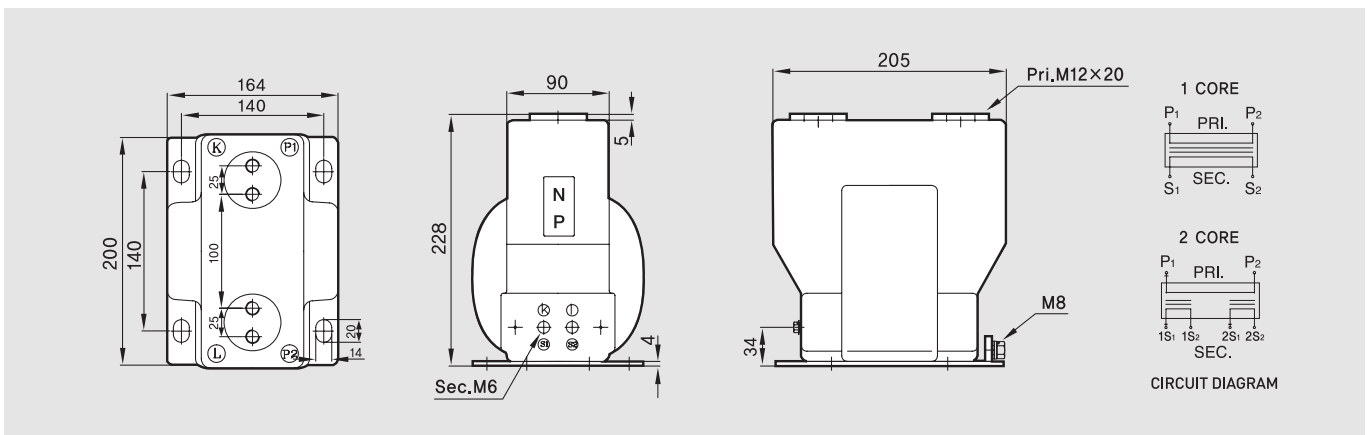
계기용 / Measuring Application

Type	WS-65 or WS-65D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 18			

계전기용 / Relaying Application

Type	WS-65R or WS-65DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1,1In		1,2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 18			

외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-65) (WS-65D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	10/5~1500/5	20-10/5~1500-750/5								
	12.5kA	15/5~1500/5	30-15/5~1500-750/5								
	25kA	30/5~1500/5	60-30/5~1500-750/5								
	31.5kA	40/5~1500/5	80-40/5~1500-750/5								
	40kA	60/5~1500/5	120-60/5~1500-750/5								
	300In	5/5~200/5	10-5/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	8kA	15/5~1500/5	30-15/5~1500-750/5								
	12.5kA	25/5~1500/5	50-25/5~1500-750/5								
	25kA	60/5~1500/5	120-60/5~1500-750/5								
	31.5kA	75/5~1500/5	150-75/5~1500-750/5								
	40kA	120/5~1500/5	240-120/5~1500-750/5								
Relaying (WS-65R) (WS-65DR)	8kA	15/5~1500/5	20-10/5~1500-750/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	12.5kA	20/5~1500/5	20-10/5~1500-750/5								
	25kA	50/5~1500/5	50-25/5~1500-750/5								
	31.5kA	60/5~1500/5	60-30/5~1500-750/5								
	40kA	100/5~1500/5	100-50/5~1500-750/5								
	8kA	40/5~1500/5	40-20/5~1500-750/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	50/5~1500/5	50-25/5~1500-750/5								
	25kA	120/5~1500/5	120-60/5~1500-750/5								
	31.5kA	150/5~1500/5	150-75/5~1500-750/5								
	40kA	250/5~1500/5	250-125/5~1500-750/5								
	8kA	100/5~1500/5	100-50/5~1500-750/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	120/5~1500/5	120-60/5~1500-750/5								
	25kA	250/5~1500/5	250-125/5~1500-750/5								
	31.5kA	400/5~1500/5	400-200/5~1500-750/5								
	40kA	500/5~1500/5	500-250/5~1500-750/5								
2 Core Single Ratio C.T (2WS-65)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	8kA	30~1500/5-5	30-15/5-5~1500-750/5-5								
	12.5kA	40~1500/5-5	40-20/5-5~1500-750/5-5								
	25kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	31.5kA	200~1500/5-5	200-100/5-5~1500-750/5-5								
	40kA	200~1500/5-5	200-100/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	8kA	60~1500/5-5	60-30/5-5~1500-750/5-5								
	12.5kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	25kA	200~1500/5-5	200-100/5-5~1500-750/5-5								
	31.5kA	500~1500/5-5	500-250/5-5~1500-750/5-5								
	40kA	500~1500/5-5	500-250/5-5~1500-750/5-5								

F

MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-641(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~12kV

특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

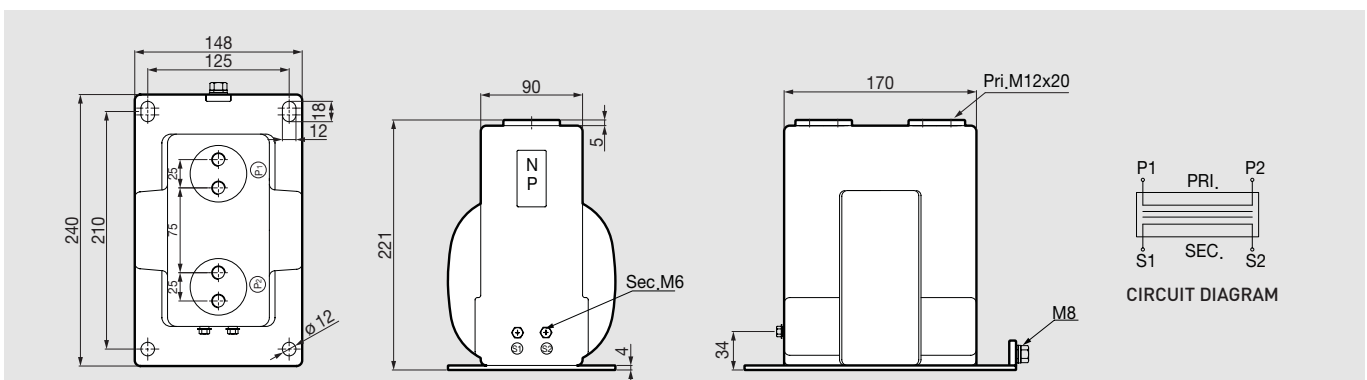
계기용 / Measuring Application

Type	WS-641 or WS-641D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	11.5kV	7.2kV	12kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	11.5 / 28 / 95kV(75kV)	7.2 / 20 / 60kV	12 / 28 / 75kV
단시간 전류 / Short time Current Max.kA	40In (Max. 40kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 16			

계전기용 / Relaying Application

Type	WS-641R or WS-641DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	11.5kV	7.2kV	12kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	11.5 / 28 / 90kV(75kV)	7.2 / 20 / 60kV	12 / 28 / 75kV
단시간 전류 / Short time Current Max.kA	40In (Max. 40kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 16			

외형치수 / Dimension



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■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-641) (WS-641D)	8kA	20/5~1500/5	40-20/5~1500-750/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	25/5~1500/5	50-25/5~1500-750/5								
	25kA	50/5~1500/5	100-50/5~1500-750/5								
	150In	5/5~400/5	10-5/5~400-200/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	8kA	25/5~1500/5	50-25/5~1500-750/5								
	12.5kA	40/5~1500/5	80-40/5~1500-750/5								
Relaying (WS-641R) (WS-641DR)	25kA	75/5~1500/5	150-75/5~1500-750/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	150In	5/5~400/5	10-5/5~400-200/5								
	8kA	20/5~1500/5	20-10/5~1500-750/5								
	12.5kA	25/5~1500/5	30-15/5~1500-750/5								
	75In	5/5~800/5	10-5/5~800-400/5	-	-	1P	40VA	n)10	5P or 10P	30VA	n)10
	8kA	50/5~1500/5	50-25/5~1500-750/5								
	12.5kA	75/5~1500/5	80-40/5~1500-750/5								
	25kA	150/5~1500/5	150-75/5~1500-750/5								
	40In	5/5~1500/5	10-5/5~1500-750/5	-	-	1P	15VA	n)20	5P or 10P	15VA	n)20
	8kA	100/5~1500/5	100-50/5~1500-750/5								
	12.5kA	150/5~1500/5	150-75/5~1500-750/5								
	25kA	300/5~1500/5	300-150/5~1500-750/5								
2 Core Single Ratio C.T (2WS-641)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	8kA	40~1500/5-5	40-20/5-5~1500-750/5-5								
	12.5kA	60~1500/5-5	60-30/5-5~1500-750/5-5								
	25kA	120~1500/5-5	120-60/5-5~1500-750/5-5								



WS-651(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~17.5kV

■ 특징/Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

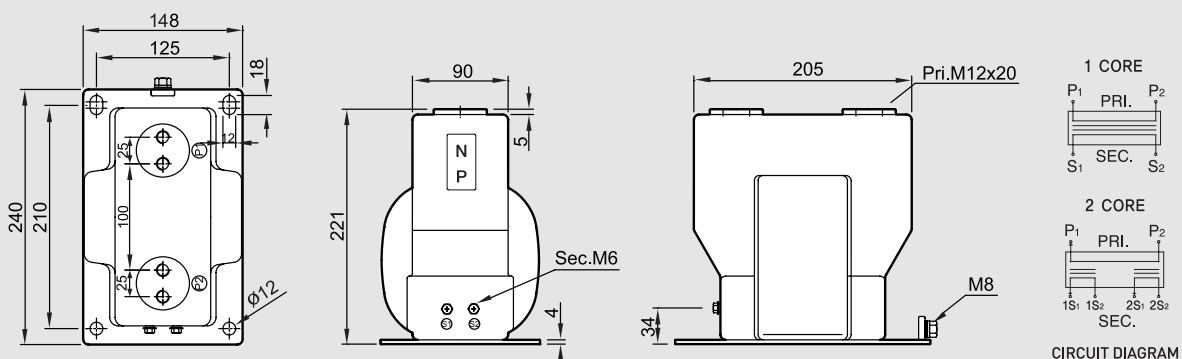
■ 계기용 / Measuring Application

Type	WS-651 or WS-651D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.25 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max, 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 18			

■ 계전기용 / Relaying Application

Type	WS-651R or WS-651DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.25 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1,1In		1,2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 18			

■ 외형치수/ Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비/ Single	이중비/ Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-651) (WS-651D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	10/5~1500/5	20-10/5~1500-750/5								
	12.5kA	15/5~1500/5	30-15/5~1500-750/5								
	25kA	25/5~1500/5	50-25/5~1500-750/5								
	31.5kA	40/5~1500/5	80-40/5~1500-750/5								
	40kA	75/5~1500/5	150-75/5~1500-750/5								
	300In	5/5~200/5	10-5/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	8kA	15/5~1500/5	30-15/5~1500-750/5								
	12.5kA	20/5~1500/5	40-20/5~1500-750/5								
	25kA	40/5~1500/5	80-40/5~1500-750/5								
	31.5kA	60/5~1500/5	120-60/5~1500-750/5								
	40kA	120/5~1500/5	240-120/5~1500-750/5								
Relaying (WS-651R) (WS-651DR)	8kA	10/5~1500/5	10-5/5~1500-750/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	12.5kA	15/5~1500/5	20-10/5~1500-750/5								
	25kA	30/5~1500/5	30-15/5~1500-750/5								
	31.5kA	50/5~1500/5	50-25/5~1500-750/5								
	8kA	30/5~1500/5	30-15/5~1500-750/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	40/5~1500/5	40-20/5~1500-750/5								
	25kA	80/5~1500/5	80-40/5~1500-750/5								
	31.5kA	120/5~1500/5	120-60/5~1500-750/5								
	8kA	60/5~1500/5	60-30/5~1500-750/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	100/5~1500/5	100-50/5~1500-750/5								
	25kA	200/5~1500/5	200-100/5~1500-750/5								
	31.5kA	250/5~1500/5	250-125/5~1500-750/5								
	40kA	500/5~1500/5	500-250/5~1500-750/5								
2 Core Single Ratio C.T (2WS-651)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	8kA	20~1500/5-5	20-10/5-5~1500-750/5-5								
	12.5kA	30~1500/5-5	30-15/5-5~1500-750/5-5								
	25kA	60~1500/5-5	60-30/5-5~1500-750/5-5								
	31.5kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	40kA	200~1500/5-5	200-100/5-5~1500-750/5-5								

F

MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-251(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

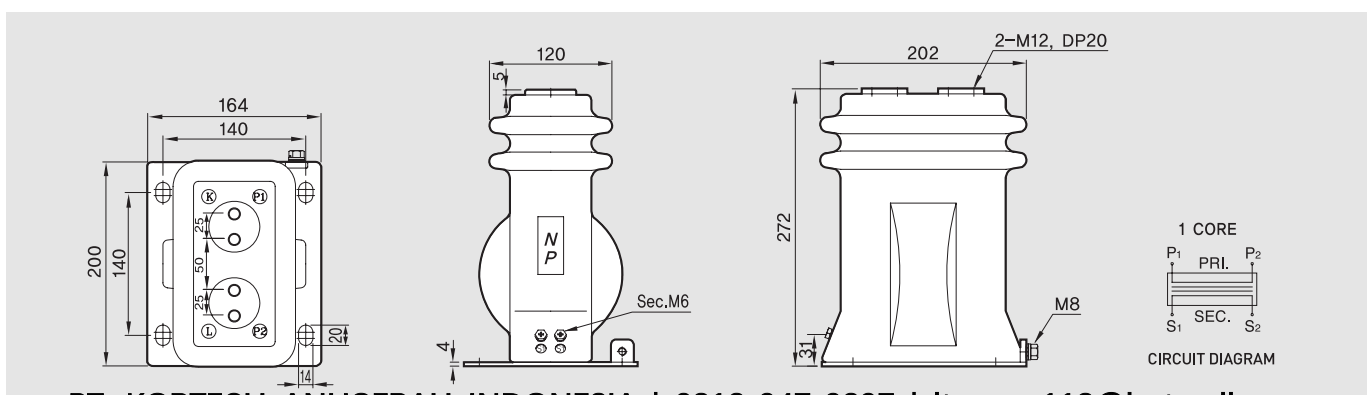
■ 계기용 / Measuring Application

Type	WS-251 or WS-251D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 10			

■ 계전기용 / Relaying Application

Type	WS-251R or WS-251DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 10			

■ 외형치수 / Dimension



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■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-251) (WS-251D)	40In	5/5~1500/5	10-5/5~1500-750/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	75In	5/5~800/5	10-5/5~800-400/5								
	8kA	40/5~1500/5	80-40/5~1500-750/5								
	12.5kA	50/5~1500/5	100-50/5~1500-750/5								
	25kA	100/5~1500/5	200-100/5~1500-750/5								
	40In	5/5~1500/5	10-5/5~1500-750/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	75In	5/5~800/5	10-5/5~800-400/5								
	8kA	75/5~1500/5	150-75/5~1500-750/5								
	12.5kA	100/5~1500/5	200-100/5~1500-750/5								
	25kA	200/5~1500/5	400-200/5~1500-750/5								
Relaying (WS-251R) (WS-251DR)	40In	5/5~1500/5	10-5/5~1500-750/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	75/5~1500/5	80-40/5~1500-750/5								
	12.5kA	120/5~1500/5	120-60/5~1500-750/5								
	25kA	250/5~1500/5	250-125/5~1500-750/5								
	40In	5/5~1500/5	10-5/5~1500-750/5	-	-	1P	40VA	n)10	5P or 10P	30VA	n)10
	8kA	200/5~1500/5	200-100/5~1500-750/5								
	12.5kA	300/5~1500/5	300-150/5~1500-750/5								
	25kA	600/5~1500/5	600-300/5~1500-750/5								
	40In	5/5~1500/5	10-5/5~1500-750/5	-	-	1P	15VA	n)20	5P or 10P	15VA	n)20
	8kA	150/5~1500/5	150-75/5~1500-750/5								
	12.5kA	250/5~1500/5	250-125/5~1500-750/5								
	25kA	500/5~1500/5	500-250/5~1500-750/5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-252(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

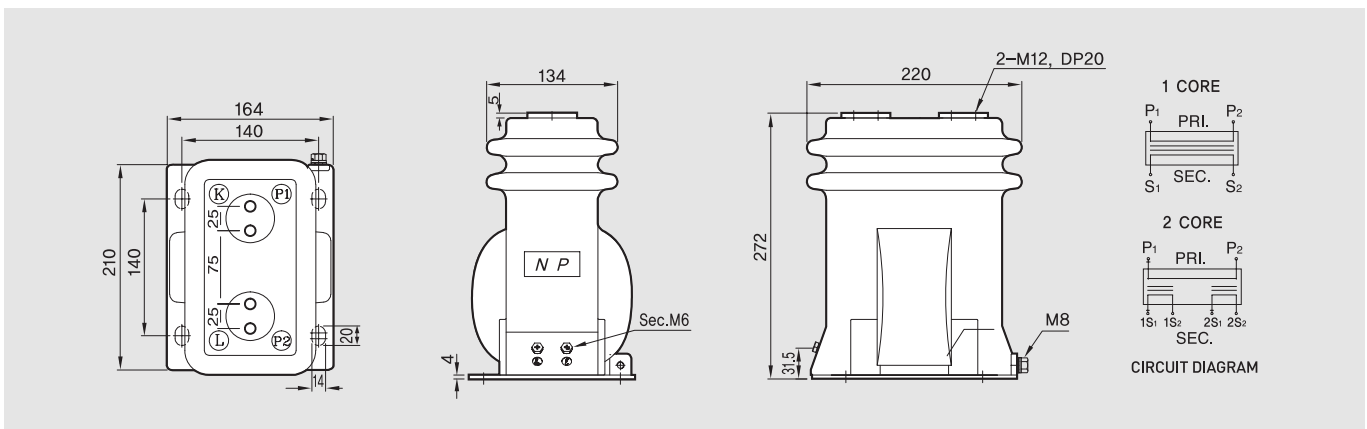
■ 계기용 / Measuring Application

Type	WS-252 or WS-252D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 18			

■ 계전기용 / Relaying Application

Type	WS-252R or WS-252DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n ≧ 10 or n ≧ 20		n ≧ 10 or n ≧ 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 18			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-252) (WS-252D)	8kA	20/5~1500/5	40-20/5~1500-750/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	25/5~1500/5	50-25/5~1500-750/5								
	25kA	50/5~1500/5	100-50/5~1500-750/5								
	31.5kA	75/5~1500/5	150-75/5~1500-750/5								
	40kA	100/5~1500/5	200-100/5~1500-750/5								
	150In	5/5~400/5	10-5/5~400-200/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	8kA	25/5~1500/5	50-25/5~1500-750/5								
	12.5kA	40/5~1500/5	80-40/5~1500-750/5								
	25kA	75/5~1500/5	150-75/5~1500-750/5								
	31.5kA	100/5~1500/5	200-100/5~1500-750/5								
	40kA	150/5~1500/5	300-150/5~1500-750/5								
Relaying (WS-252R) (WS-252DR)	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	20/5~1500/5	20-10/5~1500-750/5								
	12.5kA	25/5~1500/5	30-15/5~1500-750/5								
	25kA	50/5~1500/5	50-25/5~1500-750/5								
	31.5kA	75/5~1500/5	80-40/5~1500-750/5								
	40kA	100/5~1500/5	100-50/5~1500-750/5	-	-	1P	40VA	n)10	5P or 10P	30VA	n)10
	75In	5/5~800/5	10-5/5~800-400/5								
	8kA	50/5~1500/5	50-25/5~1500-750/5								
	12.5kA	75/5~1500/5	80-40/5~1500-750/5								
	25kA	150/5~1500/5	150-75/5~1500-750/5								
	31.5kA	200/5~1500/5	200-100/5~1500-750/5	-	-	1P	15VA	n)20	5P or 10P	15VA	n)20
	40kA	250/5~1500/5	250-125/5~1500-750/5								
	40In	5/5~1500/5	10-5/5~1500-750/5								
	8kA	100/5~1500/5	100-50/5~1500-750/5								
	12.5kA	150/5~1500/5	150-75/5~1500-750/5								
	25kA	300/5~1500/5	300-150/5~1500-750/5								
	31.5kA	400/5~1500/5	400-200/5~1500-750/5								
	40kA	600/5~1500/5	600-300/5~1500-750/5								
2 Core Single Ratio C.T (2WS-252)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	8kA	40~1500/5-5	40-20/5-5~1500-750/5-5								
	12.5kA	60~1500/5-5	60-30/5-5~1500-750/5-5								
	25kA	120~1500/5-5	120-60/5-5~1500-750/5-5								
	31.5kA	150~1500/5-5	150-75/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40kA	250~1500/5-5	250-125/5-5~1500-750/5-5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	8kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	12.5kA	150~1500/5-5	150-75/5-5~1500-750/5-5								
	25kA	300~1500/5-5	300-150/5-5~1500-750/5-5								
	31.5kA	400~1500/5-5	400-200/5-5~1500-750/5-5								
	40kA	600~1500/5-5	600-300/5-5~1500-750/5-5								

F

MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-254(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Optional : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

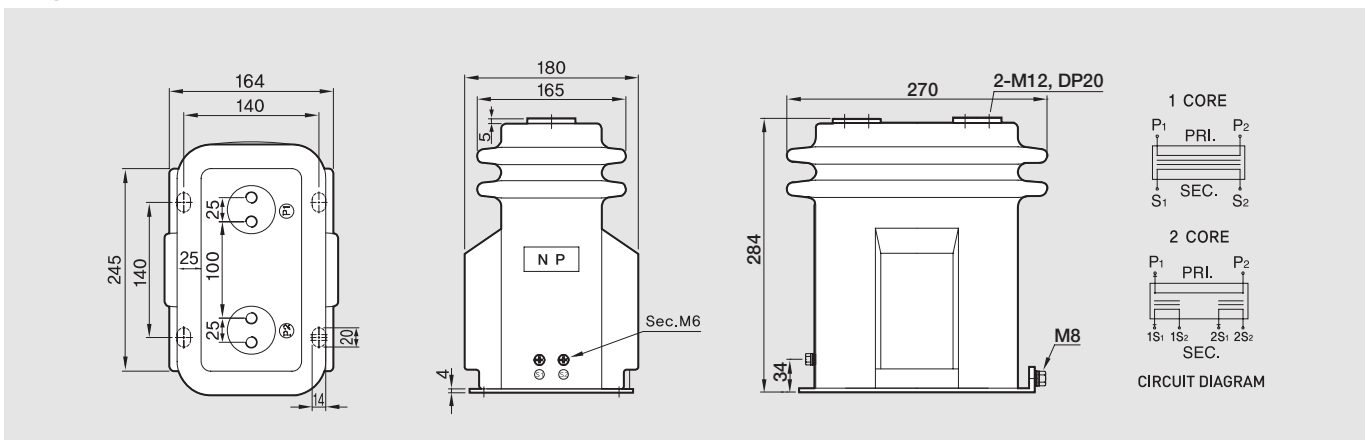
■ 계기용 / Measuring Application

Type	WS-254 or WS-254D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 26			

■ 계전기용 / Relaying Application

Type	WS-254R or WS-254DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 28			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-254) (WS-254D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	10/5~1500/5	20-10/5~1500-750/5								
	12.5kA	15/5~1500/5	30-15/5~1500-750/5								
	25kA	25/5~1500/5	50-25/5~1500-750/5								
	31.5kA	40/5~1500/5	80-40/5~1500-750/5								
	40kA	40/5~1500/5	80-40/5~1500-750/5								
	150In	5/5~400/5	10-5/5~400-200/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	300In	5/5~200/5	10-5/5~200-100/5								
	8kA	20/5~1500/5	40-20/5~1500-750/5								
	12.5kA	25/5~1500/5	50-25/5~1500-750/5								
	25kA	50/5~1500/5	100-50/5~1500-750/5								
	31.5kA	75/5~1500/5	150-75/5~1500-750/5								
Relaying (WS-254R) (WS-254DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	15/5~1500/5	20-10/5~1500-750/5								
	12.5kA	25/5~1500/5	30-15/5~1500-750/5								
	25kA	50/5~1500/5	50-25/5~1500-750/5								
	31.5kA	75/5~1500/5	80-40/5~1500-750/5								
	40kA	75/5~1500/5	80-40/5~1500-750/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	300In	10/5~200/5	10-5/5~200-100/5								
	8kA	30/5~1500/5	30-15/5~1500-750/5								
	12.5kA	50/5~1500/5	50-25/5~1500-750/5								
	25kA	100/5~1500/5	100-50/5~1500-750/5								
	31.5kA	150/5~1500/5	150-75/5~1500-750/5								
	40kA	150/5~1500/5	150-75/5~1500-750/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	75In	5/5~800/5	10-5/5~800-400/5								
	8kA	75/5~1500/5	80-40/5~1500-750/5								
	12.5kA	100/5~1500/5	100-50/5~1500-750/5								
	25kA	200/5~1500/5	200-100/5~1500-750/5								
	31.5kA	300/5~1500/5	300-150/5~1500-750/5								
2 Core Single Ratio C.T (2WS-254)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	8kA	30~1500/5-5	30-15/5-5~1500-750/5-5								
	12.5kA	40~1500/5-5	40-20/5-5~1500-750/5-5								
	25kA	75~1500/5-5	80-40/5-5~1500-750/5-5								
	31.5kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	40kA	100~1500/5-5	100-50/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	8kA	60~1500/5-5	60-30/5-5~1500-750/5-5								
	12.5kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	25kA	200~1500/5-5	200-100/5-5~1500-750/5-5								
	31.5kA	250~1500/5-5	250-125/5-5~1500-750/5-5								
	40kA	250~1500/5-5	200-125/5-5~1500-750/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-255(R)(S)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Optional : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

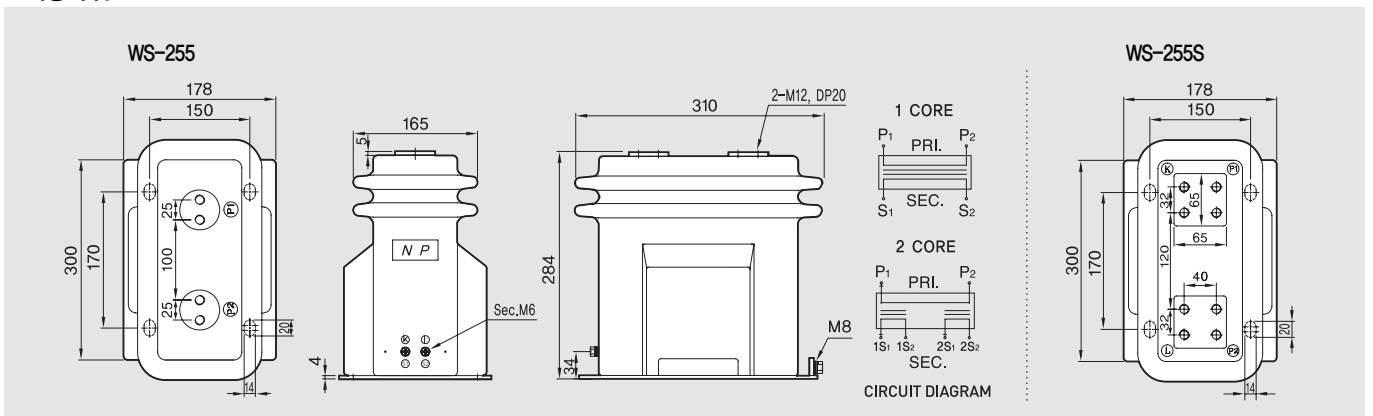
■ 계기용 / Measuring Application

Type	WS-255 or WS-255D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 30			

■ 계전기용 / Relaying Application

Type	WS-255R or WS-255DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1,1In		1,2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 30			

■ 외형치수 / Dimension



※ 1차전류 2000A(다른 변류비도 가능)는 사각 1차단자를 사용합니다. (Type : WS-255S)

※ The square terminal is used for Primary Current 2000A(Other ratio is available by order). (Type : WS-255S)

■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-255) (WS-255D)	8kA	10/5~3200/5	20-10/5~3200-1000/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	12.5kA	15/5~3200/5	30-15/5~3200-1000/5								
	25kA	25/5~3200/5	50-25/5~3200-1000/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1000/5								
	40kA	50/5~3200/5	100-50/5~3200-1000/5								
Relaying (WS-255R) (WS-255DR)	8kA	10/5~3200/5	10-5/5~3200-1000/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	12.5kA	15/5~3200/5	20-10/5~3200-1000/5								
	25kA	25/5~3200/5	30-15/5~3200-1000/5								
	31.5kA	40/5~3200/5	40-20/5~3200-1000/5								
	40kA	50/5~3200/5	50-25/5~3200-1000/5								
	8kA	20/5~3200/5	20-10/5~3200-1000/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	20/5~3200/5	30-15/5~3200-1000/5								
	25kA	40/5~3200/5	40-20/5~3200-1000/5								
	31.5kA	75/5~3200/5	80-40/5~3200-1000/5								
	40kA	100/5~3200/5	100-50/5~3200-1000/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	300In	5/5~200/5	10-5/5~200-100/5								
	8kA	40/5~3200/5	40-20/5~3200-1000/5								
	12.5kA	50/5~3200/5	50-25/5~3200-1000/5								
	25kA	100/5~3200/5	100-50/5~3200-1000/5								
	31.5kA	150/5~3200/5	150-75/5~3200-1000/5								
	40kA	200/5~3200/5	200-100/5~3200-1000/5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5			1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	10~3200/5-5	10-5/5-5~3200-1000/5-5								
2 Core Single Ratio C.T (2WS-255)	12.5kA	15~3200/5-5	20-10/5-5~3200-1000/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	25kA	25~3200/5-5	30-15/5-5~3200-1000/5-5								
	31.5kA	40~3200/5-5	40-20/5-5~3200-1000/5-5								
	40kA	50~3200/5-5	50-25/5-5~3200-1000/5-5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	75In	5~800/5-5	10-5/5-5~800-400/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	20~3200/5-5	20-10/5-5~3200-1000/5-5								
	12.5kA	25~3200/5-5	30-15/5-5~3200-1000/5-5								
	25kA	50~3200/5-5	50-25/5-5~3200-1000/5-5								
	31.5kA	75~3200/5-5	80-40/5-5~3200-1000/5-5								
	40kA	100~3200/5-5	100-50/5-5~3200-1000/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-256(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

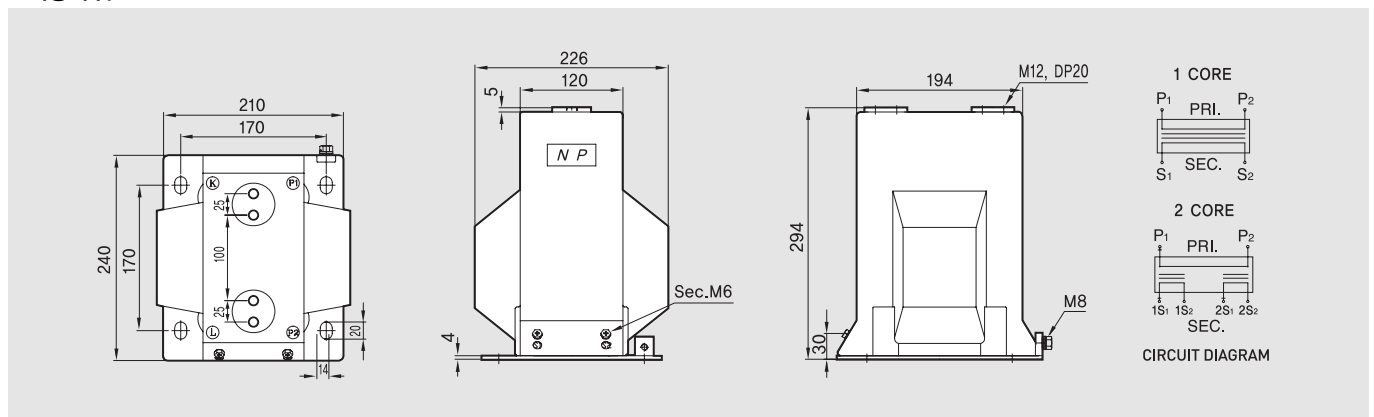
■ 계기용 / Measuring Application

Type	WS-256 or WS-256D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 28			

■ 계전기용 / Relaying Application

Type	WS-256R or WS-256DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~1500A or 1500 / 750A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 28			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-256) (WS-256D)	12.5kA	10/5~1500/5	20-10/5~1500-750/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	25kA	15/5~1500/5	30-15/5~1500-750/5								
	31.5kA	15/5~1500/5	30-15/5~1500-750/5								
	40kA	20/5~1500/5	40-20/5~1500-750/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	25kA	20/5~1500/5	40-20/5~1500-750/5								
	31.5kA	25/5~1500/5	50-25/5~1500-750/5								
Relaying (WS-256R) (WS-256DR) (WS-256R)	40kA	40/5~1500/5	80-40/5~1500-750/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	12.5kA	10/5~1500/5	10-5/5~1500-750/5								
	25kA	15/5~1500/5	20-10/5~1500-750/5								
	31.5kA	20/5~1500/5	20-10/5~1500-750/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	25kA	40/5~1500/5	40-20/5~1500-750/5								
	31.5kA	50/5~1500/5	50-25/5~1500-750/5								
	40kA	75/5~1500/5	80-40/5~1500-750/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	25kA	100/5~1500/5	100-50/5~1500-750/5								
	31.5kA	120/5~1500/5	120-60/5~1500-750/5								
	40kA	150/5~1500/5	150-75/5~1500-750/5								
2 Core Single Ratio C.T (2WS-256)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	20~1500/5-5	20-10/5-5~1500-750/5-5								
	12.5kA	25~1500/5-5	30-15/5-5~1500-750/5-5								
	25kA	50~1500/5-5	50-25/5-5~1500-750/5-5								
	31.5kA	50~1500/5-5	50-25/5-5~1500-750/5-5								
	40kA	75~1500/5-5	80-40/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	8kA	40~1500/5-5	40-20/5-5~1500-750/5-5								
	12.5kA	50~1500/5-5	50-25/5-5~1500-750/5-5								
	25kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	31.5kA	120~1500/5-5	120-60/5-5~1500-750/5-5								
	40kA	150~1500/5-5	150-75/5-5~1500-750/5-5	-	-	1.0/1P	40/40	n)20	1.0/5P	30/30	n)20
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5								
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	8kA	75~1500/5-5	80-40/5-5~1500-750/5-5								
	12.5kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	25kA	200~1500/5-5	200-100/5-5~1500-750/5-5								
	31.5kA	250~1500/5-5	250-125/5-5~1500-750/5-5								
	40kA	300~1500/5-5	300-150/5-5~1500-750/5-5								

F

MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-285(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

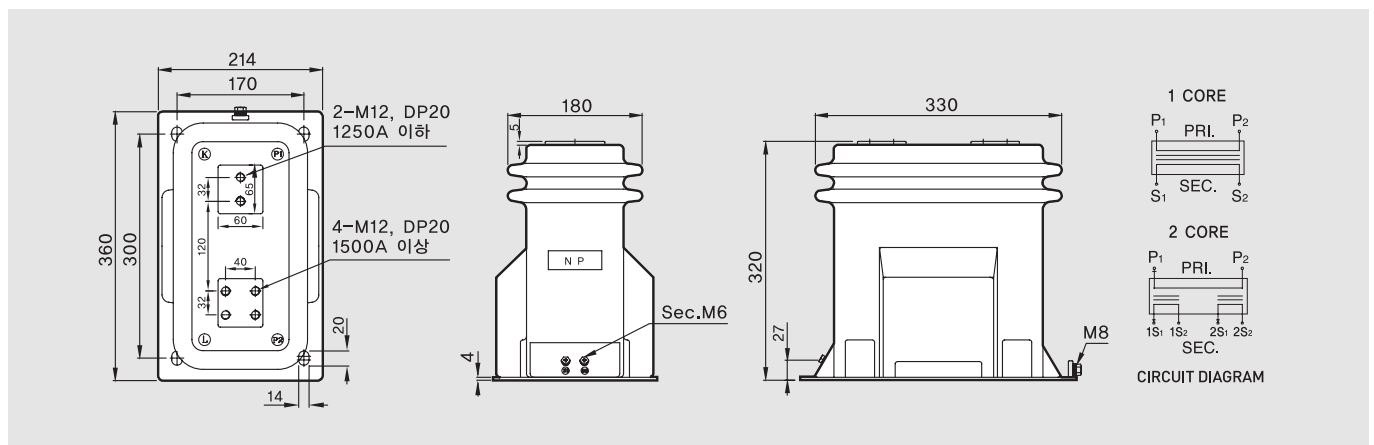
■ 계기용 / Measuring Application

Type	WS-285 or WS-285D				
규격 / Standard	KS C 1706		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10		
정격연속 열전류 / Rated Continuous Thermal Current	1.2In				
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 48				

■ 계전기용 / Relaying Application

Type	WS-285R or WS-285DR				
규격 / Standard	JEC 1201		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	1P		5P or 10P		
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20		
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In		
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 48				

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-285) (WS-285D)	8kA	5/5~3200/5	10-5/5~3200-1000/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	10/5~3200/5	20-10/5~3200-1000/5								
	25kA	15/5~3200/5	30-15/5~3200-1000/5								
	31.5kA	15/5~3200/5	30-15/5~3200-1000/5								
	40kA	20/5~3200/5	20-10/5~3200-1000/5								
	8kA	10/5~3200/5	20-10/5~3200-1000/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	12.5kA	15/5~3200/5	30-15/5~3200-1000/5								
	25kA	25/5~3200/5	50-25/5~3200-1000/5								
	31.5kA	25/5~3200/5	50-25/5~3200-1000/5								
	40kA	40/5~3200/5	80-40/5~3200-1000/5								
Relaying (WS-285R) (WS-285DR)	8kA	5/5~3200/5	10-5/5~3200-1000/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	12.5kA	10/5~3200/5	10-5/5~3200-1000/5								
	25kA	15/5~3200/5	20-10/5~3200-1000/5								
	31.5kA	20/5~3200/5	20-10/5~3200-1000/5								
	40kA	30/5~3200/5	30-15/5~3200-1000/5								
	8kA	10/5~3200/5	10-5/5~3200-1000/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	15/5~3200/5	20-10/5~3200-1000/5								
	25kA	30/5~3200/5	30-15/5~3200-1000/5								
	31.5kA	40/5~3200/5	40-20/5~3200-1000/5								
	40kA	60/5~3200/5	60-30/5~3200-1000/5								
	8kA	20/5~3200/5	20-10/5~3200-1000/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	30/5~3200/5	30-15/5~3200-1000/5								
	25kA	60/5~3200/5	60-30/5~3200-1000/5								
	31.5kA	75/5~3200/5	80-40/5~3200-1000/5								
	40kA	120/5~3200/5	120-60/5~3200-1000/5								
2 Core Single Ratio C.T (2WS-285)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	10~3200/5-5	10-5/5-5~3200-1000/5-5								
	12.5kA	15~3200/5-5	10-5/5-5~3200-1000/5-5								
	25kA	25~3200/5-5	20-10/5-5~3200-1000/5-5								
	31.5kA	30~3200/5-5	30-15/5-5~3200-1000/5-5								
	40kA	45~3200/5-5	40-20/5-5~3200-1000/5-5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	15~3200/5-5	10-5/5-5~3200-1000/5-5								
	12.5kA	30~3200/5-5	20-10/5-5~3200-1000/5-5								
	25kA	60~3200/5-5	30-15/5-5~3200-1000/5-5								
	31.5kA	75~3200/5-5	40-20/5-5~3200-1000/5-5								
	40kA	115~3200/5-5	50-25/5-5~3200-1000/5-5								
	75In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	40/40	n)20	1.0/5P	30/30	n)20
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	10-5/5-5~200-100/5-5								
	8kA	30~3200/5-5	20-10/5-5~3200-1000/5-5								
	12.5kA	60~3200/5-5	30-15/5-5~3200-1000/5-5								
	25kA	115~3200/5-5	50-25/5-5~3200-1000/5-5								
	31.5kA	150~3200/5-5	80-40/5-5~3200-1000/5-5								
	40kA	225~1500/5-5	100-50/5-5~3200-1000/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-286(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ C-GIS용 최고회로전압 40.5kV 가능합니다.(Up to 40.5kV C-GIS)

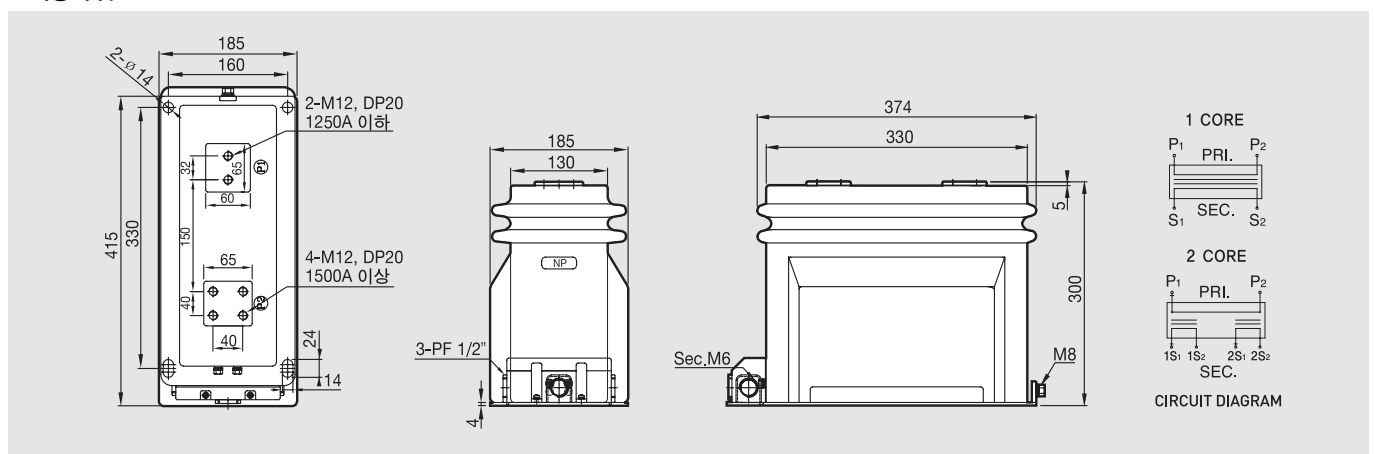
■ 계기용 / Measuring Application

Type	WS-286 or WS-286D				
규격 / Standard	KS C 1706		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10		
정격연속 열전류 / Rated Continuous Thermal Current	1.2In				
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 48				

■ 계전기용 / Relaying Application

Type	WS-286R or 286DR				
규격 / Standard	JEC 1201		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	1P		5P or 10P		
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20		
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In		
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 48				

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비 (Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-286) (WS-286D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	10/5~3200/5	20-10/5~3200-1600/5								
	12.5kA	15/5~3200/5	30-15/5~3200-1600/5								
	25kA	20/5~3200/5	40-20/5~3200-1600/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	40kA	40/5~3200/5	80-40/5~3200-1600/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	35/5~3200/5	70-35/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
Relaying (WS-286R) (WS-286DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	10/5~3200/5	20-10/5~3200-1600/5								
	12.5kA	15/5~3200/5	30-15/5~3200-1600/5								
	25kA	20/5~3200/5	40-20/5~3200-1600/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	40kA	40/5~3200/5	80-40/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	35/5~3200/5	70-35/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
	8kA	25/5~3200/5	50-25/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	25kA	50/5~3200/5	100-50/5~3200-1600/5								
	31.5kA	100/5~3200/5	200-100/5~3200-1600/5								
	40kA	100/5~3200/5	200-100/5~3200-1600/5								
2 Core Single Ratio C.T (2WS-286)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	20~3200/5-5	40-20/5-5~3200-1600/5-5								
	12.5kA	30~3200/5-5	60-30/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	25kA	40~3200/5-5	80-40/5-5~3200-1600/5-5								
	31.5kA	80~3200/5-5	160-80/5-5~3200-1600/5-5								
	40kA	80~3200/5-5	160-80/5-5~3200-1600/5-5								
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	50~3200/5-5	100-50/5-5~3200-1600/5-5								
	12.5kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	25kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	31.5kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								
	40kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-287(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

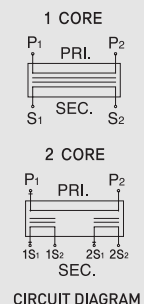
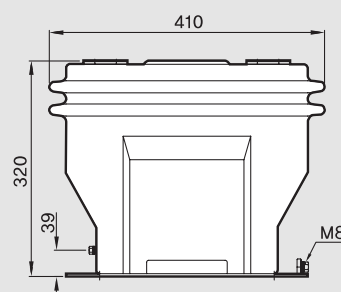
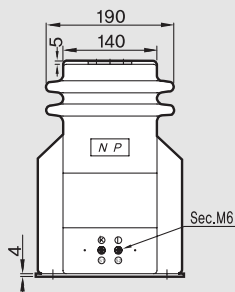
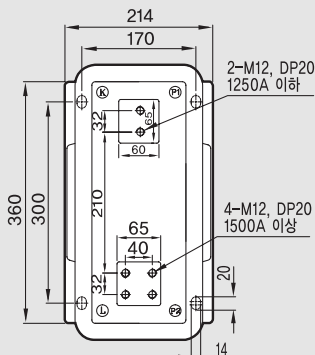
■ 계기용 / Measuring Application

Type	WS-287 or WS-287D				
규격 / Standard	KS C 1706		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10		
정격연속 열전류 / Rated Continuous Thermal Current	1.2In				
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 48				

■ 계전기용 / Relaying Application

Type	WS-287R or WS-287DR				
규격 / Standard	JEC 1201		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	1P		5P or 10P		
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20		
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In		
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 48				

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-287) (WS-287D)	8kA	5/5~3200/5	10-5/5~3200-1000/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	5/5~3200/5	10-5/5~3200-1000/5								
	25kA	10/5~3200/5	20-10/5~3200-1000/5								
	31.5kA	15/5~3200/5	30-15/5~3200-1000/5								
	40kA	20/5~3200/5	40-20/5~3200-1000/5								
	8kA	5/5~3200/5	10-5/5~3200-1000/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	12.5kA	10/5~3200/5	20-10/5~3200-1000/5								
	25kA	15/5~3200/5	30-15/5~3200-1000/5								
	31.5kA	25/5~3200/5	50-25/5~3200-1000/5								
	40kA	40/5~3200/5	80-40/5~3200-1000/5								
Relaying (WS-287R) (WS-287DR)	8kA	5/5~3200/5	10-5/5~3200-1000/5	-	-	1P	15VA	n)10 10/5	5P or 10P	15VA	n)10
	12.5kA	5/5~3200/5	10-5/5~3200-1000/5								
	25kA	10/5~3200/5	10-5/5~3200-1000/5								
	31.5kA	15/5~3200/5	20-10/5~3200-1000/5								
	40kA	20/5~3200/5	20-10/5~3200-1000/5								
	8kA	5/5~3200/5	10-5/5~3200-1000/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	10/5~3200/5	10-5/5~3200-1000/5								
	25kA	15/5~3200/5	20-10/5~3200-1000/5								
	31.5kA	25/5~3200/5	30-15/5~3200-1000/5								
	40kA	40/5~3200/5	40-20/5~3200-1000/5								
	8kA	15/5~3200/5	20-10/5~3200-1000/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	20/5~3200/5	20-10/5~3200-1000/5								
	25kA	30/5~3200/5	30-15/5~3200-1000/5								
	31.5kA	50/5~3200/5	50-25/5~3200-1000/5								
	40kA	75/5~3200/5	80-40/5~3200-1000/5								
2 Core Single Ratio C.T (2WS-287)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	10~3200/5-5	10-5/5-5~3200-1000/5-5								
	12.5kA	10~3200/5-5	10-5/5-5~3200-1000/5-5								
	25kA	20~3200/5-5	20-10/5-5~3200-1000/5-5								
	31.5kA	25~3200/5-5	30-15/5-5~3200-1000/5-5								
	40kA	40~3200/5-5	40-20/5-5~3200-1000/5-5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	10~3200/5-5	10-5/5-5~3200-1000/5-5								
	12.5kA	15~3200/5-5	20-10/5-5~3200-1000/5-5								
	25kA	25~3200/5-5	30-15/5-5~3200-1000/5-5								
	31.5kA	40~3200/5-5	40-20/5-5~3200-1000/5-5								
	40kA	50~3200/5-5	50-25/5-5~3200-1000/5-5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	40/40	n)20	1.0/5P	30/30	n)20
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	20~3200/5-5	20-10/5-5~3200-1000/5-5								
	12.5kA	25~3200/5-5	30-15/5-5~3200-1000/5-5								
	25kA	50~3200/5-5	50-25/5-5~3200-1000/5-5								
	31.5kA	75~3200/5-5	80-40/5-5~3200-1000/5-5								
	40kA	100~3200/5-5	100-50/5-5~3200-1000/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer

**WS-270(R)**

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 24~36kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Optional : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

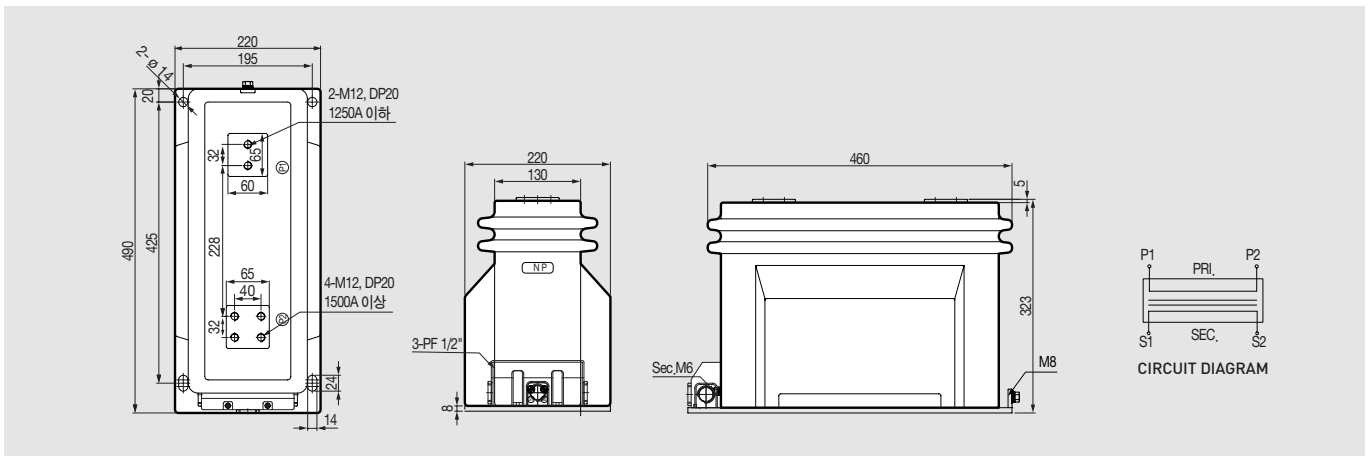
■ 계기용 / Measuring Application

Type	WS-270 or WS-270D				
규격 / Standard	KS C 1706		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10		
정격연속 열전류 / Rated Continuous Thermal Current	1.2In				
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 70				

■ 계전기용 / Relaying Application

Type	WS-270R or WS-270DR				
규격 / Standard	JEC 1201		IEC 61869-2		
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV	36kV
절연계급 / Insulation Level	11.5/28/90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)				
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하				
정격2차전류 / Rated Secondary Current	5 or 1A				
정격부담 / Rated Burden	15 or 40VA				
오차계급 / Accuracy Class	1P		5P or 10P		
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20		
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In		
주파수 / Frequency	60Hz (option : 50Hz)				
중량 / Weight(kg)	≒ 70				

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비/Single	이중비/Double	Class	Burden	Class	Burden	n)	Class	Burden	n)
Measuring (WS-270) (WS-270D)	8kA	10~3200/5	20-10/5~3200-1600/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	15~3200/5	30-15/5~3200-1600/5								
	25kA	20~3200/5	40-20/5~3200-1600/5								
	31.5kA	40~3200/5	80-40/5~3200-1600/5								
	40kA	40~3200/5	80-40/5~3200-1600/5								
	8kA	10~3200/5	20-10/5~3200-1600/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	12.5kA	15~3200/5	30-15/5~3200-1600/5								
	25kA	20~3200/5	40-20/5~3200-1600/5								
	31.5kA	40~3200/5	80-40/5~3200-1600/5								
	40kA	40~3200/5	80-40/5~3200-1600/5								
Relaying (WS-270R) (WS-270DR)	8kA	10~3200/5	20-10/5~3200-1600/5	-	-	1P	15VA	n)10 10/5	5P or 10P	15VA	n)10
	12.5kA	15~3200/5	30-15/5~3200-1600/5								
	25kA	20~3200/5	40-20/5~3200-1600/5								
	31.5kA	40~3200/5	80-40/5~3200-1600/5								
	40kA	40~3200/5	80-40/5~3200-1600/5								
	8kA	10~3200/5	20-10/5~3200-1600/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	15~3200/5	30-15/5~3200-1600/5								
	25kA	20~3200/5	40-20/5~3200-1600/5								
	31.5kA	40~3200/5	80-40/5~3200-1600/5								
	40kA	40~3200/5	80-40/5~3200-1600/5								
	8kA	15~3200/5	30-15/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	20~3200/5	40-20/5~3200-1600/5								
	25kA	30~3200/5	60-30/5~3200-1600/5								
	31.5kA	60~3200/5	120-60/5~3200-1600/5								
	40kA	60~3200/5	120-60/5~3200-1600/5								
2 Core Single Ratio C.T (2WS-270)	40In	10~1500/5	20-10/5~1500-750/5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	10~800/5	20-10/5~800-400/5								
	150In	10~400/5	20-10/5~400-200/5								
	300In	10~200/5	20-10/5~200-100/5								
	8kA	10~3200/5	20-10/5~3200-1600/5								
	12.5kA	15~3200/5	30-15/5~3200-1600/5								
	25kA	20~3200/5	40-20/5~3200-1600/5								
	31.5kA	40~3200/5	80-40/5~3200-1600/5								
	40kA	40~3200/5	80-40/5~3200-1600/5								
	40In	10~1500/5	20-10/5~1500-750/5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	75In	10~800/5	20-10/5~800-400/5								
	150In	10~400/5	20-10/5~400-200/5								
	300In	10~200/5	20-10/5~200-100/5								
	8kA	20~3200/5	40-20/5~3200-1600/5								
	12.5kA	30~3200/5	60-30/5~3200-1600/5								
	25kA	40~3200/5	80-40/5~3200-1600/5								
	31.5kA	80~3200/5	80-40/5~3200-1600/5								
	40kA	80~3200/5	80-40/5~3200-1600/5								
	40In	10~1500/5	20-10/5~1500-750/5	-	-	1.0/1P	40/40	n)20	1.0/5P	30/30 40/40	n)20
	75In	10~800/5	20-10/5~800-400/5								
	150In	10~400/5	20-10/5~400-200/5								
	300In	10~200/5	20-10/5~200-100/5								
	8kA	20~3200/5	40-20/5~3200-1600/5								
	12.5kA	30~3200/5	60-30/5~3200-1600/5								
	25kA	50~3200/5	100-50/5~3200-1600/5								
	31.5kA	100~3200/5	200-100/5~3200-1600/5								
	40kA	100~3200/5	200-100/5~3200-1600/5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-361(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 24~36kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

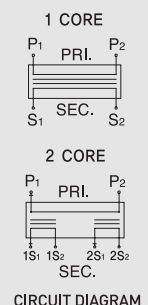
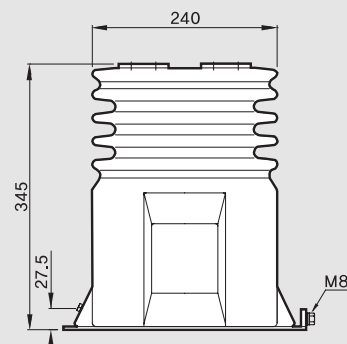
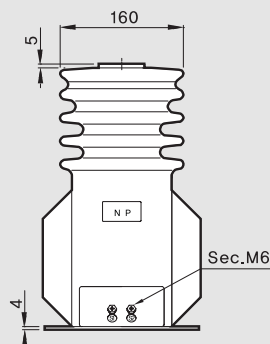
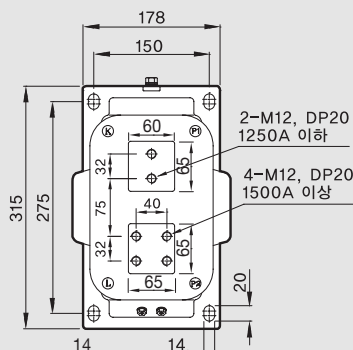
■ 계기용 / Measuring Application

Type	WS-361 or WS-361D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	25.8kV	34.5kV	24kV	36kV
절연계급 / Insulation Level	25.8 / 50 / 150kV	34.5 / 70 / 200kV(170kV)	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~2000A or 2000 / 1000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 32			

■ 계전기용 / Relaying Application

Type	WS-361R or WS-361DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	23kV	34.5kV	24kV	36kV
절연계급 / Insulation Level	23 / 50 / 150kV	34.5 / 70 / 200kV(170kV)	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~2000A or 2000 / 1000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 32			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-361) (WS-361D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	10/5~1500/5	20-10/5~1500-750/5								
	12.5kA	15/5~1500/5	30-15/5~1500-750/5								
	25kA	25/5~1500/5	50-25/5~1500-750/5								
	31.5kA	40/5~1500/5	80-40/5~1500-750/5								
	40kA	50/5~1500/5	100-50/5~1500-750/5								
	150In	5/5~400/5	10-5/5~400-200/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	300In	5/5~200/5	10-5/5~200-100/5								
	8kA	15/5~1500/5	30-15/5~1500-750/5								
	12.5kA	20/5~1500/5	40-20/5~1500-750/5								
	25kA	40/5~1500/5	80-40/5~1500-750/5								
	31.5kA	60/5~1500/5	120-60/5~1500-750/5								
	40kA	80/5~1500/5	160-80/5~1500-750/5								
	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10 10/5	5P or 10P	15VA	n)10
	8kA	10/5~1500/5	10-5/5~1500-750/5								
	12.5kA	15/5~1500/5	20-10/5~1500-750/5								
	25kA	30/5~1500/5	30-15/5~1500-750/5								
	31.5kA	50/5~1500/5	50-25/5~1500-750/5								
	40kA	60/5~1500/5	60-30/5~1500-750/5								
Relaying (WS-361R) (WS-361DR)	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	300In	10/5~200/5	10-5/5~200-100/5								
	8kA	25/5~1500/5	30-15/5~1500-750/5								
	12.5kA	40/5~1500/5	40-20/5~1500-750/5								
	25kA	75/5~1500/5	80-40/5~1500-750/5								
	31.5kA	120/5~1500/5	120-60/5~1500-750/5								
	40kA	150/5~1500/5	150-75/5~1500-750/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	75In	5/5~800/5	10-5/5~800-400/5								
	8kA	50/5~1500/5	50-25/5~1500-750/5								
	12.5kA	75/5~1500/5	80-40/5~1500-750/5								
	25kA	150/5~1500/5	150-75/5~1500-750/5								
	31.5kA	250/5~1500/5	250-125/5~1500-750/5								
2 Core Single Ratio C.T (2WS-361)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	8kA	20~1500/5-5	20-10/5-5~1500-750/5-5								
	12.5kA	25~1500/5-5	30-15/5-5~1500-750/5-5								
	25kA	50~1500/5-5	50-25/5-5~1500-750/5-5								
	31.5kA	75~1500/5-5	80-40/5-5~1500-750/5-5								
	40kA	100~1500/5-5	100-50/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	8kA	35~1500/5-5	40-20/5-5~1500-750/5-5								
	12.5kA	50~1500/5-5	50-25/5-5~1500-750/5-5								
	25kA	100~1500/5-5	100-50/5-5~1500-750/5-5								
	31.5kA	150~1500/5-5	150-75/5-5~1500-750/5-5								
	40kA	200~1500/5-5	200-100/5-5~1500-750/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-362(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:24~36kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

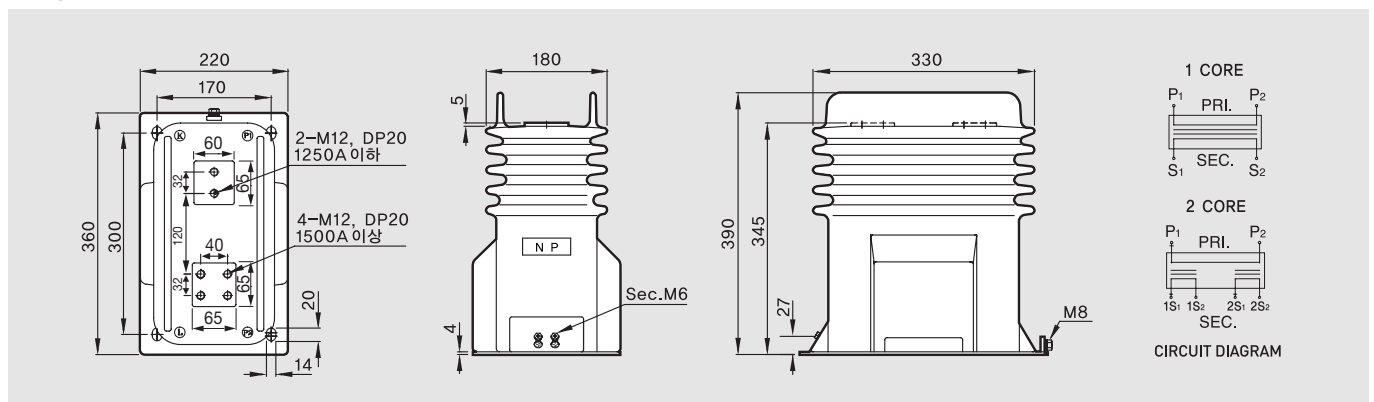
■ 계기용 / Measuring Application

Type	WS-362 or WS-362D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	25.8kV	34.5kV	24kV	36kV
절연계급 / Insulation Level	25.8 / 50 / 150kV	34.5 / 70 / 200kV(170kV)	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 52			

■ 계전기용 / Relaying Application

Type	WS-362R or WS-362DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	23kV	34.5kV	24kV	36kV
절연계급 / Insulation Level	23 / 50 / 150kV	34,5 / 70 / 200kV(170kV)	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1,1In		1,2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 52			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-362) (WS-362D)	8kA	5/5~2000/5	10-5/5~2000-1000/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	12.5kA	5/5~2000/5	10-5/5~2000-1000/5								
	25kA	10/5~2000/5	20-10/5~2000-1000/5								
	31.5kA	15/5~2000/5	30-15/5~2000-1000/5								
	40kA	20/5~2000/5	40-20/5~2000-1000/5								
	8kA	5/5~2000/5	10-5/5~2000-1000/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 30VA	FS 5 FS 10 (OPTION)
	12.5kA	10/5~2000/5	20-10/5~2000-1000/5								
	25kA	15/5~2000/5	30-15/5~2000-1000/5								
	31.5kA	20/5~2000/5	40-20/5~2000-1000/5								
	40kA	25/5~2000/5	50-25/5~2000-1000/5								
Relaying (WS-362R) (WS-362DR)	8kA	5/5~2000/5	10-5/5~2000-1000/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	12.5kA	10/5~2000/5	10-5/5~2000-1000/5								
	25kA	15/5~2000/5	20-10/5~2000-1000/5								
	31.5kA	20/5~2000/5	20-10/5~2000-1000/5								
	40kA	25/5~2000/5	30-15/5~2000-1000/5								
	8kA	10/5~2000/5	10-5/5~2000-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	12.5kA	15/5~2000/5	20-10/5~2000-100/5								
	25kA	25/5~2000/5	30-15/5~2000-1000/5								
	31.5kA	35/5~2000/5	40-20/5~2000-1000/5								
	40kA	50/5~2000/5	50-25/5~2000-1000/5								
	8kA	15/5~2000/5	20-10/5~2000-1000/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	25/5~2000/5	30-15/5~2000-1000/5								
	25kA	50/5~2000/5	50-25/5~2000-1000/5								
	31.5kA	70/5~2000/5	70-35/5~2000-1000/5								
	40kA	100/5~2000/5	100-50/5~2000-1000/5								
2 Core Single Ratio C.T (2WS-362)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	10~2000/5-5	10-5/5-5~2000-1000/5-5								
	12.5kA	15~2000/5-5	20-10/5-5~2000-1000/5-5								
	25kA	25~2000/5-5	30-15/5-5~2000-1000/5-5								
	31.5kA	30~2000/5-5	30-15/5-5~2000-1000/5-5								
	40kA	45~2000/5-5	50-25/5-5~2000-1000/5-5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	15~2000/5-5	20-10/5-5~2000-1000/5-5								
	12.5kA	30~2000/5-5	30-15/5-5~2000-1000/5-5								
	25kA	60~2000/5-5	60-30/5-5~2000-1000/5-5								
	31.5kA	75~2000/5-5	80-40/5-5~2000-1000/5-5								
	40kA	115~2000/5-5	120-60/5-5~2000-1000/5-5								
	75In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	40/40	n)20	1.0/5P	30/30	n)20
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	5~200/5-5	10-5/5-5~200-100/5-5								
	8kA	30~2000/5-5	30-15/5-5~2000-1000/5-5								
	12.5kA	60~2000/5-5	60-30/5-5~2000-1000/5-5								
	25kA	115~2000/5-5	120-60/5-5~2000-1000/5-5								
	31.5kA	150~2000/5-5	150-75/5-5~2000-1000/5-5								
	40kA	225~2000/5-5	230-115/5-5~2000-1000/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



WS-363(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~36kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

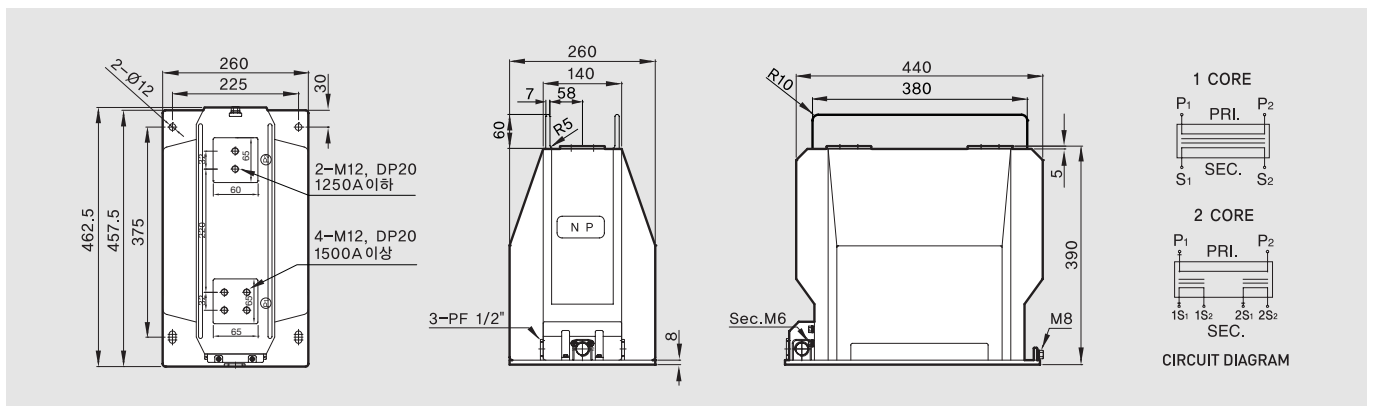
■ 계기용 / Measuring Application

Type	WS-363(W) or WS-363(W)D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	28,5kV	34,5kV	24kV	36kV
절연계급 / Insulation Level	25,8 / 50 / 150kV	34,5 / 70 / 200kV(170kV)	24 / 50 / 125kV	36 / 70 / 170kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~4000A or 4000 / 2000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1,2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 120			

■ 계전기용 / Relaying Application

Type	WS-363(W)R or WS-363(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	23kV	34.5kV	24kV	36kV
절연계급 / Insulation Level	23 / 50 / 150kV(125kV)	34.5 / 70 / 200kV	24 / 50 / 125kV	36 / 70 / 170kV(145kV)
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~4000A or 4000A / 2000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류정수/Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 120			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WS-363) (WS-363DR)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	5/5~4000/5	10-5/5~4000-2000/5								
	12.5kA	10/5~4000/5	20-10/5~4000-2000/5								
	25kA	10/5~4000/5	20-10/5~4000-2000/5								
	31.5kA	15/5~4000/5	30-15/5~4000-2000/5								
	40kA	20/5~4000/5	40-20/5~4000-2000/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	10/5~4000/5	20-10/5~4000-2000/5								
	12.5kA	10/5~4000/5	20-10/5~4000-2000/5								
	25kA	15/5~4000/5	30-15/5~4000-2000/5								
	31.5kA	25/5~4000/5	50-25/5~4000-2000/5								
	40kA	30/5~4000/5	60-30/5~4000-2000/5								
Relaying (WS-363R) (WS-363DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	5/5~4000/5	10-5/5~4000-2000/5								
	12.5kA	10/5~4000/5	20-10/5~4000-2000/5								
	25kA	10/5~4000/5	20-10/5~4000-2000/5								
	31.5kA	15/5~4000/5	30-15/5~4000-2000/5								
	40kA	20/5~4000/5	40-20/5~4000-2000/5								
	150In	10/5~400/5	20-10/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	10/5~4000/5	20-10/5~4000-2000/5								
	12.5kA	10/5~4000/5	20-10/5~4000-2000/5								
	25kA	15/5~4000/5	30-15/5~4000-2000/5								
	31.5kA	25/5~4000/5	50-25/5~4000-2000/5								
	40kA	30/5~4000/5	60-30/5~4000-2000/5								
	8kA	10/5~4000/5	20-10/5~4000-2000/5	-	-	1P	40VA	n)20 20/10	5P or 10P	30VA	n)20
	12.5kA	10/5~4000/5	20-10/5~4000-2000/5								
	25kA	15/5~4000/5	30-15/5~4000-2000/5								
	31.5kA	25/5~4000/5	50-25/5~4000-2000/5								
	40kA	30/5~4000/5	60-30/5~4000-2000/5								
	40kA	30/5~4000/5	60-30/5~4000-2000/5								
2 Core Single Ratio C.T (2WS-363)	40In	10~1500/5-5	20-10/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	0~800/5-5	0-0/5-5~800-400/5-5								
	150In	10~400/5-5	20-10/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	10~4000/5-5	20-10/5-5~4000-2000/5-5								
	12.5kA	15~4000/5-5	30-15/5-5~4000-2000/5-5								
	25kA	20~4000/5-5	40-20/5-5~4000-2000/5-5								
	31.5kA	25~4000/5-5	50-25/5-5~4000-2000/5-5								
	40kA	35~4000/5-5	70-35/5-5~4000-2000/5-5								
	40In	15~1500/5-5	30-15/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	8kA	20~4000/5-5	40-20/5-5~4000-2000/5-5								
	12.5kA	20~4000/5-5	40-20/5-5~4000-2000/5-5								
	25kA	30~4000/5-5	60-30/5-5~4000-2000/5-5								
	31.5kA	45~4000/5-5	90-45/5-5~4000-2000/5-5								
	40kA	60~4000/5-5	120-60/5-5~4000-2000/5-5								
	40kA	60~4000/5-5	120-60/5-5~4000-2000/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-121(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~17.5kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

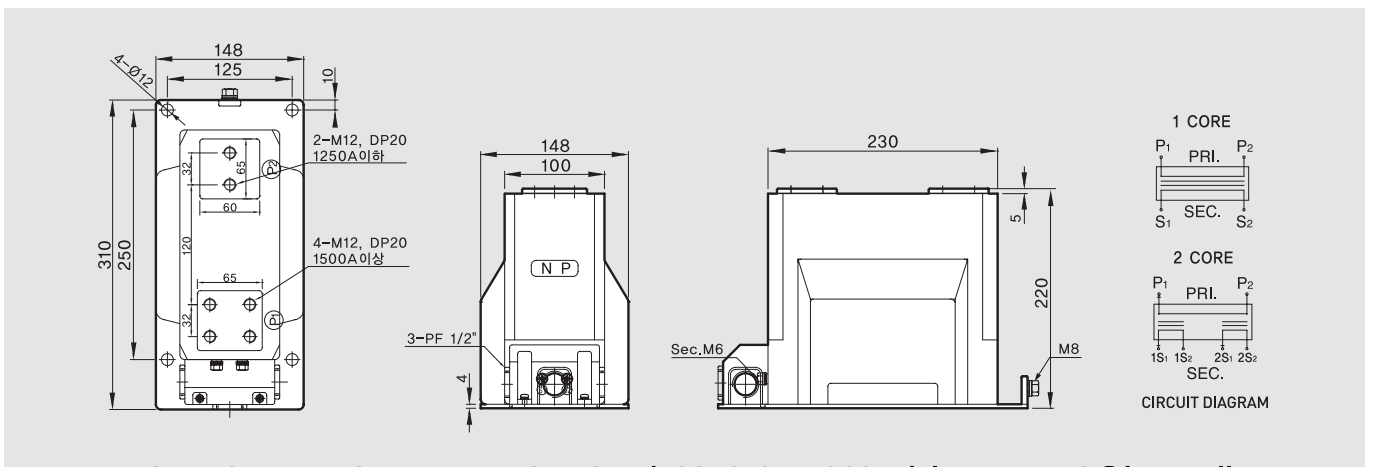
■ 계기용 / Measuring Application

Type	WD-121 or WD-121D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max, 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~2000A or 2000 / 1000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 24			

■ 계전기용 / Relaying Application

Type	WD-121R or WD-121DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~2000A or 2000 / 1000A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 24			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-121) (WD-121D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	25/5~2000/5	50-25/5~2000-1000/5								
	12.5kA	40/5~2000/5	80-40/5~2000-1000/5								
	25kA	75/5~2000/5	150-75/5~2000-1000/5								
	31.5kA	75/5~2000/5	150-75/5~2000-1000/5								
	40kA	75/5~2000/5	150-75/5~2000-1000/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	300In	10/5~200/5	20-10/5~200-100/5								
	8kA	50/5~2000/5	100-50/5~2000-1000/5								
	12.5kA	75/5~2000/5	150-75/5~2000-1000/5								
	25kA	150/5~2000/5	300-150/5~2000-1000/5								
Relaying (WD-121R) (WD-121DR)	31.5kA	150/5~2000/5	300-150/5~2000-1000/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	40kA	75/5~2000/5	150-75/5~2000-1000/5								
	150In	5/5~400/5	10-5/5~400-200/5								
	8kA	50/5~2000/5	100-50/5~2000-1000/5								
	12.5kA	75/5~2000/5	150-75/5~2000-1000/5								
	25kA	150/5~2000/5	300-150/5~2000-1000/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	31.5kA	150/5~2000/5	300-150/5~2000-1000/5								
	40kA	75/5~2000/5	150-75/5~2000-1000/5								
	150In	5/5~400/5	10-5/5~400-200/5								
	8kA	50/5~2000/5	100-50/5~2000-1000/5								
	12.5kA	75/5~2000/5	150-75/5~2000-1000/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	25kA	150/5~2000/5	300-150/5~2000-1000/5								
	31.5kA	150/5~2000/5	300-150/5~2000-1000/5								
	40kA	75/5~2000/5	150-75/5~2000-1000/5								
	150In	5/5~400/5	10-5/5~400-200/5								
2 Core Single Ratio C.T (2WD-121)	8kA	100/5~2000/5	200-100/5~2000-1000/5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	12.5kA	150/5~2000/5	300-150/5~2000-1000/5								
	25kA	300/5~2000/5	600-300/5~2000-1000/5								
	31.5kA	300/5~2000/5	600-300/5~2000-1000/5								
	40kA	300/5~2000/5	600-300/5~2000-1000/5								
	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	50~2000/5-5	100-50/5-5~2000-1000/5-5								
	12.5kA	75~2000/5-5	150-75/5-5~2000-1000/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	25kA	150~2000/5-5	300-150/5-5~2000-1000/5-5								
	31.5kA	150~2000/5-5	300-150/5-5~2000-1000/5-5								
	40kA	150~2000/5-5	300-150/5-5~2000-1000/5-5								
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	200~2000/5-5	400-200/5-5~2000-1000/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	12.5kA	300~2000/5-5	600-300/5-5~2000-1000/5-5								
	25kA	600~2000/5-5	1200-600/5-5~2000-1000/5-5								
	31.5kA	600~2000/5-5	1200-600/5-5~2000-1000/5-5								
	40kA	600~2000/5-5	1200-600/5-5~2000-1000/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-122(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~17.5kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

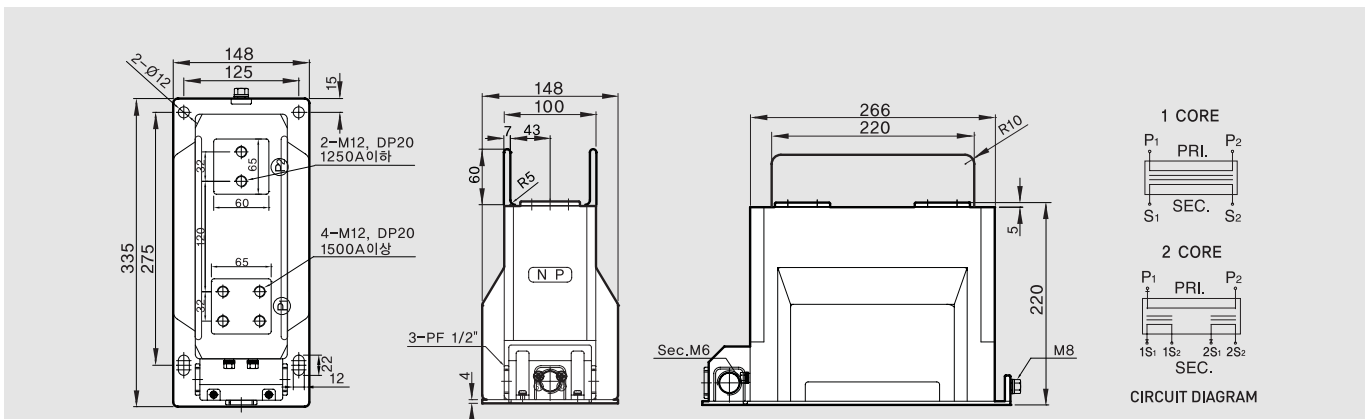
■ 계기용 / Measuring Application

Type	WD-122(W) or WD-122(W)D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 24			

■ 계전기용 / Relaying Application

Type	WD-122(W)R or WD-122(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 24			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-122) (WD-122D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	30/5~3200/5	60-30/5~3200-1600/5								
	25kA	60/5~3200/5	120-60/5~3200-1600/5								
	31.5kA	60/5~3200/5	120-60/5~3200-1600/5								
	40kA	60/5~3200/5	120-60/5~3200-1600/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	45/5~3200/5	90-45/5~3200-1600/5								
	12.5kA	65/5~3200/5	130-65/5~3200-1600/5								
	25kA	125/5~3200/5	250-125/5~3200-1600/5								
	31.5kA	125/5~3200/5	250-125/5~3200-1600/5								
	40kA	125/5~3200/5	250-125/5~3200-1600/5								
Relaying (WD-122R) (WD-122DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	25kA	75/5~3200/5	150-75/5~3200-1600/5								
	31.5kA	75/5~3200/5	150-75/5~3200-1600/5								
	40kA	75/5~3200/5	150-75/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	45/5~3200/5	90-45/5~3200-1600/5								
	12.5kA	65/5~3200/5	130-65/5~3200-1600/5								
	25kA	125/5~3200/5	250-125/5~3200-1600/5								
	31.5kA	125/5~3200/5	250-125/5~3200-1600/5								
	40kA	125/5~3200/5	250-125/5~3200-1600/5								
	8kA	85/5~3200/5	170-85/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	125/5~3200/5	250-125/5~3200-1600/5								
	25kA	250/5~3200/5	500-250/5~3200-1600/5								
	31.5kA	250/5~3200/5	500-250/5~3200-1600/5								
	40kA	250/5~3200/5	500-250/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-122)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	50~3200/5-5	100-50/5-5~3200-1600/5-5								
	12.5kA	75~3200/5-5	150-75/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	25kA	150~3200/5-5	300-150/5-5~3200-1600/5-5								
	31.5kA	150~3200/5-5	300-150/5-5~3200-1600/5-5								
	40kA	150~3200/5-5	300-150/5-5~3200-1600/5-5								
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	170~3200/5-5	340-170/5-5~3200-1600/5-5								
	12.5kA	250~3200/5-5	500-250/5-5~3200-1600/5-5								
	25kA	500~3200/5-5	1000-500/5-5~3200-1600/5-5								
	31.5kA	500~3200/5-5	1000-500/5-5~3200-1600/5-5								
	40kA	500~3200/5-5	1000-500/5-5~3200-1600/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-123(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~17.5kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

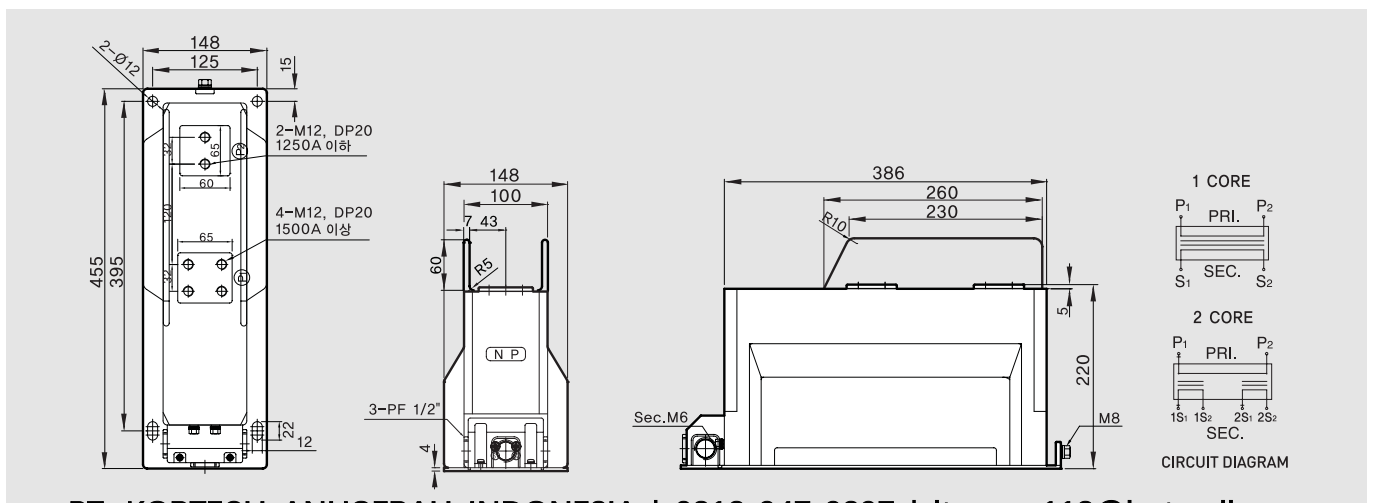
■ 계기용 / Measuring Application

Type	WD-123(W) or WD-123(W)D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 40			

■ 계전기용 / Relaying Application

Type	WD-123(W)R or WD-123(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n ≧ 10 or n ≧ 20		n ≧ 10 or n ≧ 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 40			

■ 외형치수 / Dimension



PT. KORTECH ANUGERAH INDONESIA | 0812-947-9297 | itsmom113@hotmail.com

■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-123) (WD-123D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	30/5~3200/5	60-30/5~3200-1600/5								
	25kA	60/5~3200/5	120-60/5~3200-1600/5								
	31.5kA	60/5~3200/5	120-60/5~3200-1600/5								
	40kA	60/5~3200/5	120-60/5~3200-1600/5								
	300In	5/5~200/5	10-5/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	25kA	75/5~3200/5	150-75/5~3200-1600/5								
	31.5kA	75/5~3200/5	150-75/5~3200-1600/5								
	40kA	75/5~3200/5	150-75/5~3200-1600/5								
Relaying (WD-123R) (WD-123DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	30/5~3200/5	60-30/5~3200-1600/5								
	25kA	60/5~3200/5	120-60/5~3200-1600/5								
	31.5kA	60/5~3200/5	120-60/5~3200-1600/5								
	40kA	60/5~3200/5	120-60/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	25kA	75/5~3200/5	150-75/5~3200-1600/5								
	31.5kA	75/5~3200/5	150-75/5~3200-1600/5								
	40kA	75/5~3200/5	150-75/5~3200-1600/5								
	8kA	50/5~3200/5	100-50/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	75/5~3200/5	150-75/5~3200-1600/5								
	25kA	150/5~3200/5	300-150/5~3200-1600/5								
	31.5kA	150/5~3200/5	300-150/5~3200-1600/5								
	40kA	150/5~3200/5	300-150/5~3200-1600/5								
	40kA	150/5~3200/5	300-150/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-123)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	40~3200/5-5	80-40/5-5~3200-1600/5-5								
	12.5kA	60~3200/5-5	120-60/5-5~3200-1600/5-5								
	25kA	120~3200/5-5	240-120/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	31.5kA	120~3200/5-5	240-120/5-5~3200-1600/5-5								
	40kA	120~3200/5-5	240-120/5-5~3200-1600/5-5								
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	12.5kA	150~3200/5-5	300-150/5-5~3200-1600/5-5								
	25kA	300~3200/5-5	600-300/5-5~3200-1600/5-5								
	31.5kA	300~3200/5-5	600-300/5-5~3200-1600/5-5								
	40kA	300~3200/5-5	600-300/5-5~3200-1600/5-5								

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MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-124(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~17.5kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

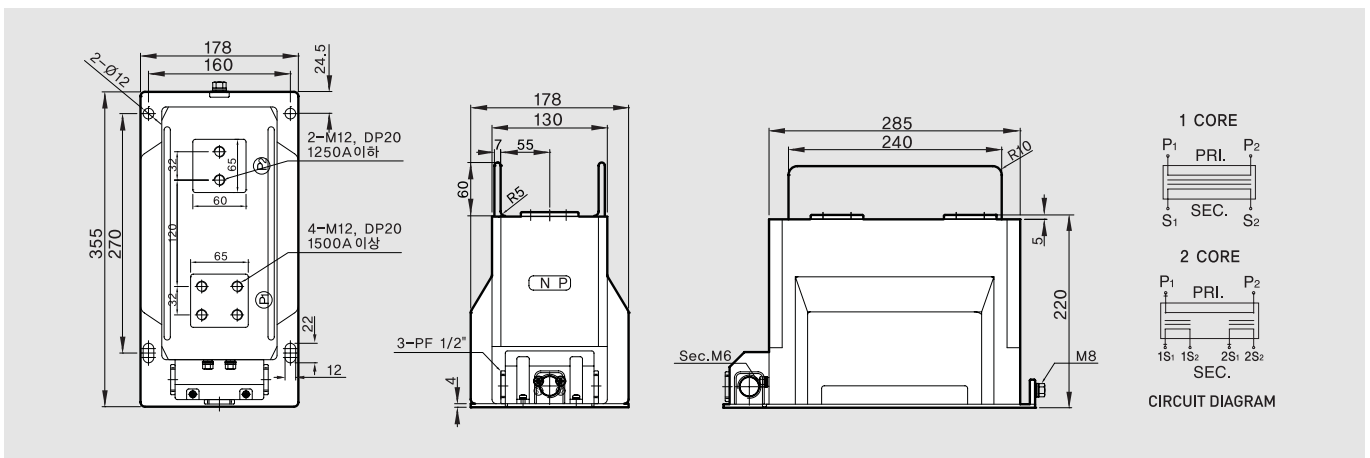
■ 계기용 / Measuring Application

Type	WD-124(W) or WD-124(W)D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 40			

■ 계전기용 / Relaying Application

Type	WD-124(W)R or WD-124(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 40			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-124) (WD-124D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	50/5~3200/5	100-50/5~3200-1600/5								
	31.5kA	50/5~3200/5	100-50/5~3200-1600/5								
	40kA	50/5~3200/5	100-50/5~3200-1600/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	25kA	70/5~3200/5	140-70/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
Relaying (WD-124R) (WD-124DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	50/5~3200/5	100-50/5~3200-1600/5								
	31.5kA	50/5~3200/5	100-50/5~3200-1600/5								
	40kA	50/5~3200/5	100-50/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	25kA	70/5~3200/5	140-70/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
	8kA	35/5~3200/5	70-35/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	50/5~3200/5	100-50/5~3200-1600/5								
	25kA	100/5~3200/5	200-100/5~3200-1600/5								
	31.5kA	100/5~3200/5	200-100/5~3200-1600/5								
	40kA	100/5~3200/5	200-100/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-124)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	35~3200/5-5	70-35/5-5~3200-1600/5-5								
	12.5kA	50~3200/5-5	100-50/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	25kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	31.5kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	40kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	12.5kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	25kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								
	31.5kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								
	40kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								

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MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-125(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~17.5kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

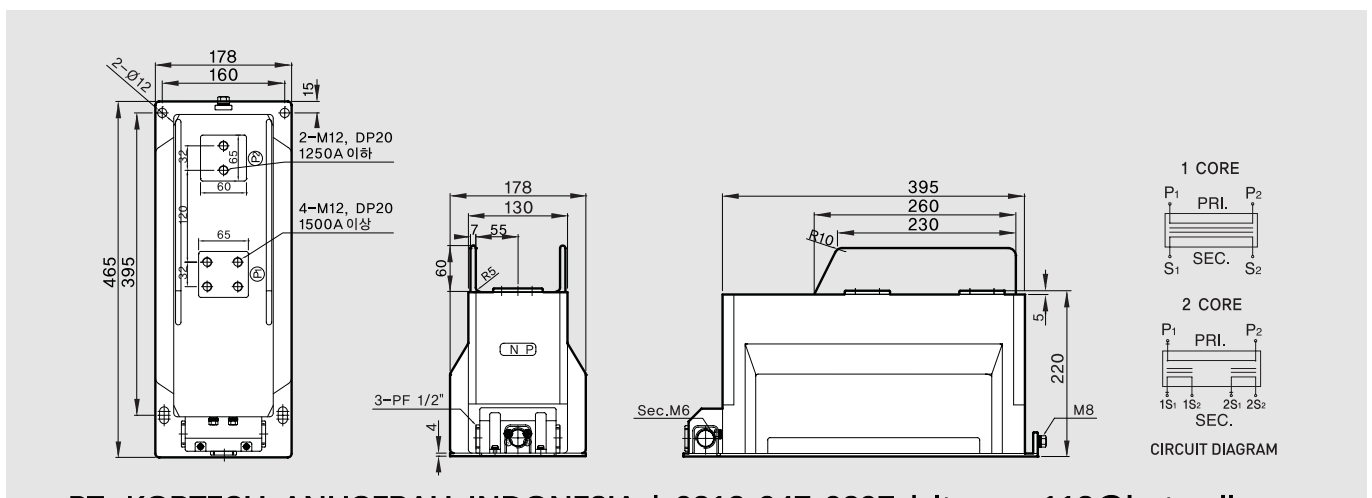
■ 계기용 / Measuring Application

Type	WD-125(W) or WD-125(WD)			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	7.2kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	17.25 / 39 / 100kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 45			

■ 계전기용 / Relaying Application

Type	WD-125(W)R or WD-125(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	17.25kV	7.2kV	17.5kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	17.25 / 39 / 115kV	7.2 / 20 / 60kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 45			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-125) (WD-125D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	15/5~3200/5	30-15/5~3200-1600/5								
	12.5kA	20/5~3200/5	40-20/5~3200-1600/5								
	25kA	35/5~3200/5	70-35/5~3200-1600/5								
	31.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	40kA	35/5~3200/5	70-35/5~3200-1600/5								
	300In	5/5~200/5	10-5/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	50/5~3200/5	100-50/5~3200-1600/5								
	31.5kA	50/5~3200/5	100-50/5~3200-1600/5								
	40kA	50/5~3200/5	100-50/5~3200-1600/5								
Relaying (WD-125R) (WD-125DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	15/5~3200/5	30-15/5~3200-1600/5								
	12.5kA	20/5~3200/5	40-20/5~3200-1600/5								
	25kA	35/5~3200/5	70-35/5~3200-1600/5								
	31.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	40kA	35/5~3200/5	70-35/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	50/5~3200/5	100-50/5~3200-1600/5								
	31.5kA	50/5~3200/5	100-50/5~3200-1600/5								
	40kA	50/5~3200/5	100-50/5~3200-1600/5								
	8kA	25/5~3200/5	50-25/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	25kA	70/5~3200/5	140-70/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-125)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	25~3200/5-5	50-25/5-5~3200-1600/5-5								
	12.5kA	35~3200/5-5	70-35/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	25kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	31.5kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	40kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	45~3200/5-5	90-45/5-5~3200-1600/5-5								
	12.5kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	25kA	135~3200/5-5	270-135/5-5~3200-1600/5-5								
	31.5kA	135~3200/5-5	270-135/5-5~3200-1600/5-5								
	40kA	135~3200/5-5	270-135/5-5~3200-1600/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-240(R)

배전반용 / For Switchgear

최고회로 전압

Max. Voltage: 7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

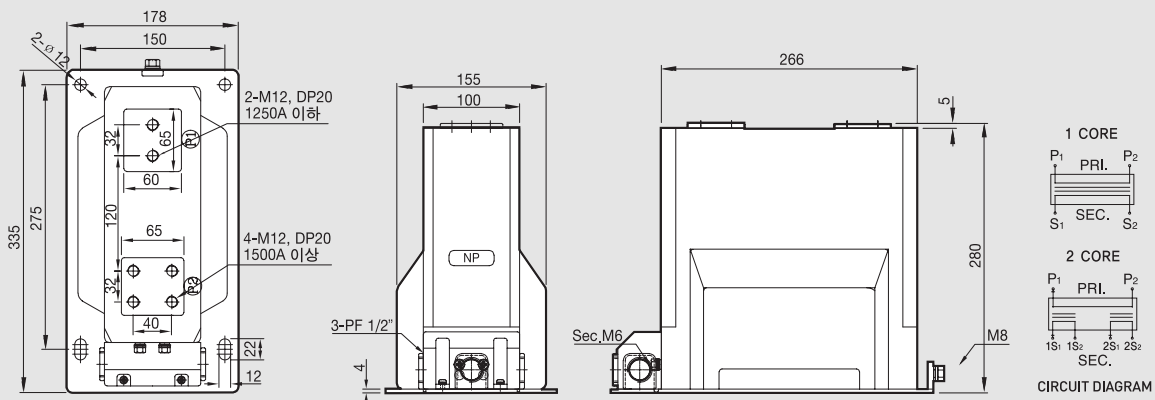
■ 계기용 / Measuring Application

Type	WD-240 or WD-240D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 28			

■ 계전기용 / Relaying Application

Type	WD-240R or WD-240DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 28			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-240) (WD-240D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	30/5~3200/5	60-30/5~3200-1600/5								
	25kA	60/5~3200/5	120-60/5~3200-1600/5								
	31.5kA	60/5~3200/5	120-60/5~3200-1600/5								
	40kA	60/5~3200/5	120-60/5~3200-1600/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	45/5~3200/5	90-45/5~3200-1600/5								
	12.5kA	65/5~3200/5	130-65/5~3200-1600/5								
	25kA	125/5~3200/5	250-125/5~3200-1600/5								
	31.5kA	125/5~3200/5	250-125/5~3200-1600/5								
	40kA	125/5~3200/5	250-125/5~3200-1600/5								
Relaying (WD-240R) (WD-240DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10 10/5	5P or 10P	15VA	n)10
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	25kA	75/5~3200/5	150-75/5~3200-1600/5								
	31.5kA	75/5~3200/5	150-75/5~3200-1600/5								
	40kA	75/5~3200/5	150-75/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	45/5~3200/5	90-45/5~3200-1600/5								
	12.5kA	65/5~3200/5	130-65/5~3200-1600/5								
	25kA	125/5~3200/5	250-125/5~3200-1600/5								
	31.5kA	125/5~3200/5	250-125/5~3200-1600/5								
	40kA	125/5~3200/5	250-125/5~3200-1600/5								
	8kA	85/5~3200/5	170-85/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	125/5~3200/5	250-125/5~3200-1600/5								
	25kA	250/5~3200/5	500-250/5~3200-1600/5								
	31.5kA	250/5~3200/5	500-250/5~3200-1600/5								
	40kA	250/5~3200/5	500-250/5~3200-1600/5								
	40kA	250/5~3200/5	500-250/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-240)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	50~3200/5-5	100-50/5-5~3200-1600/5-5								
	12.5kA	75~3200/5-5	150-75/5-5~3200-1600/5-5								
	25kA	150~3200/5-5	300-150/5-5~3200-1600/5-5								
	31.5kA	150~3200/5-5	300-150/5-5~3200-1600/5-5								
	40kA	150~3200/5-5	300-150/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	170~3200/5-5	340-170/5-5~3200-1600/5-5								
	12.5kA	250~3200/5-5	500-250/5-5~3200-1600/5-5								
	25kA	500~3200/5-5	1000-500/5-5~3200-1600/5-5								
	31.5kA	500~3200/5-5	1000-500/5-5~3200-1600/5-5								
	40kA	500~3200/5-5	1000-500/5-5~3200-1600/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-241(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

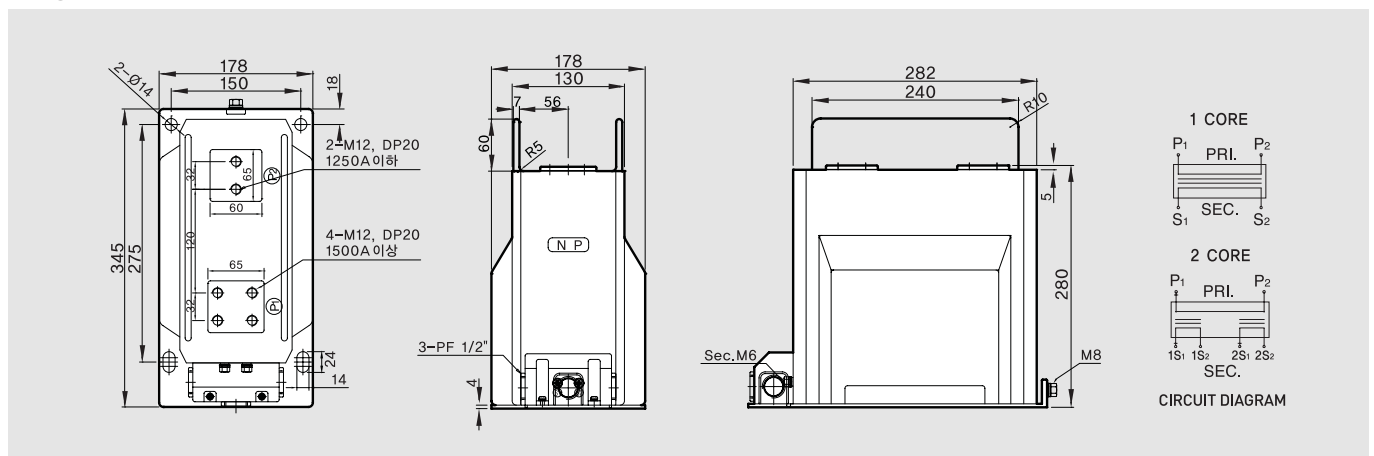
■ 계기용 / Measuring Application

Type	WD-241(W) or WD-241(W)D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 45			

■ 계전기용 / Relaying Application

Type	WD-241(W)R or WD-241(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 45			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-241) (WD-241D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	15/5~3200/5	30-15/5~3200-1600/5								
	12.5kA	20/5~3200/5	40-20/5~3200-1600/5								
	25kA	25/5~3200/5	50-25/5~3200-1600/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	40kA	40/5~3200/5	80-40/5~3200-1600/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	30/5~3200/5	60-30/5~3200-1600/5								
	25kA	45/5~3200/5	90-45/5~3200-1600/5								
	31.5kA	65/5~3200/5	130-65/5~3200-1600/5								
	40kA	65/5~3200/5	130-65/5~3200-1600/5								
Relaying (WD-241R) (WD-241DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	15/5~3200/5	30-15/5~3200-1600/5								
	12.5kA	20/5~3200/5	40-20/5~3200-1600/5								
	25kA	25/5~3200/5	50-25/5~3200-1600/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	40kA	40/5~3200/5	80-40/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	25/5~3200/5	50-25/5~3200-1600/5								
	12.5kA	30/5~3200/5	60-30/5~3200-1600/5								
	25kA	45/5~3200/5	90-45/5~3200-1600/5								
	31.5kA	65/5~3200/5	130-65/5~3200-1600/5								
	40kA	65/5~3200/5	130-65/5~3200-1600/5								
	8kA	35/5~3200/5	70-35/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	45/5~3200/5	90-45/5~3200-1600/5								
	25kA	70/5~3200/5	140-70/5~3200-1600/5								
	31.5kA	100/5~3200/5	200-100/5~3200-1600/5								
	40kA	100/5~3200/5	200-100/5~3200-1600/5								
	40kA	100/5~3200/5	200-100/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-241)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	25~3200/5-5	50-25/5-5~3200-1600/5-5								
	12.5kA	35~3200/5-5	70-35/5-5~3200-1600/5-5								
	25kA	50~3200/5-5	100-50/5-5~3200-1600/5-5								
	31.5kA	75~3200/5-5	150-75/5-5~3200-1600/5-5								
	40kA	75~3200/5-5	150-75/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	12.5kA	90~3200/5-5	180-90/5-5~3200-1600/5-5								
	25kA	135~3200/5-5	270-135/5-5~3200-1600/5-5								
	31.5kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								
	40kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer_DIN TYPE



WD-242(W)(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage:7.2~25.8kV

■ 특징 / Feature

- 권선형 / Winding Type
- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 에폭시 몰드형 / Epoxy Molded Type
- 60 or 50Hz

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

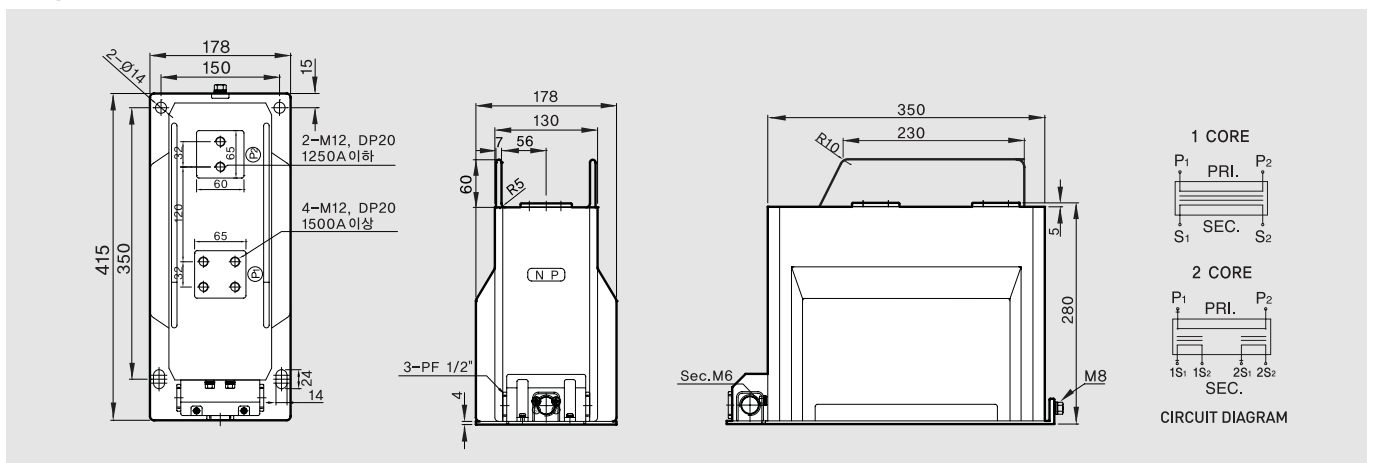
■ 계기용 / Measuring Application

Type	WD-242(W) or WD-242(W)D			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	0.5 or 1.0		FS5 or FS10	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 45			

■ 계전기용 / Relaying Application

Type	WD-242(W)R or WD-242(W)DR			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	5~3200A or 3200 / 1600A 이하			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 45			

■ 외형치수 / Dimension



■ 사양 / Specification

용도 Service	단시간 전류 (Ith) Short time Current	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
		단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	Over Current Factor	Class	Burden	Over Current Factor
Measuring (WD-242) (WD-242D)	300In	5/5~200/5	10-5/5~200-100/5	1.0	15VA	-	-	-	1.0	15VA	FS 5 FS 10 (OPTION)
	8kA	10/5~3200/5	20-10/5~3200-1600/5								
	12.5kA	15/5~3200/5	30-15/5~3200-1600/5								
	25kA	20/5~3200/5	40-20/5~3200-1600/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	40kA	40/5~3200/5	80-40/5~3200-1600/5								
	300In	10/5~200/5	20-10/5~200-100/5	0.5 1.0	15VA 40VA	-	-	-	0.5 1.0	15VA 40VA	FS 5 FS 10 (OPTION)
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	35/5~3200/5	70-35/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
Relaying (WD-242R) (WD-242DR)	300In	5/5~200/5	10-5/5~200-100/5	-	-	1P	15VA	n)10	5P or 10P	15VA	n)10
	8kA	10/5~3200/5	20-10/5~3200-1600/5								
	12.5kA	15/5~3200/5	30-15/5~3200-1600/5								
	25kA	20/5~3200/5	40-20/5~3200-1600/5								
	31.5kA	40/5~3200/5	80-40/5~3200-1600/5								
	40kA	40/5~3200/5	80-40/5~3200-1600/5								
	150In	5/5~400/5	10-5/5~400-200/5	-	-	1P	15VA 40VA	n)20 n)10	5P or 10P	15VA 30VA	n)20 n)10
	8kA	20/5~3200/5	40-20/5~3200-1600/5								
	12.5kA	25/5~3200/5	50-25/5~3200-1600/5								
	25kA	35/5~3200/5	70-35/5~3200-1600/5								
	31.5kA	70/5~3200/5	140-70/5~3200-1600/5								
	40kA	70/5~3200/5	140-70/5~3200-1600/5								
	8kA	25/5~3200/5	50-25/5~3200-1600/5	-	-	1P	40VA	n)20	5P or 10P	30VA	n)20
	12.5kA	35/5~3200/5	70-35/5~3200-1600/5								
	25kA	50/5~3200/5	100-50/5~3200-1600/5								
	31.5kA	100/5~3200/5	200-100/5~3200-1600/5								
	40kA	100/5~3200/5	200-100/5~3200-1600/5								
	40kA	100/5~3200/5	200-100/5~3200-1600/5								
2 Core Single Ratio C.T (2WD-242)	40In	5~1500/5-5	10-5/5-5~1500-750/5-5	-	-	1.0/1P	15/15	n)10	1.0/5P	15/15	n)10
	75In	5~800/5-5	10-5/5-5~800-400/5-5								
	150In	5~400/5-5	10-5/5-5~400-200/5-5								
	300In	10~200/5-5	20-10/5-5~200-100/5-5								
	8kA	20~3200/5-5	40-20/5-5~3200-1600/5-5								
	12.5kA	30~3200/5-5	60-30/5-5~3200-1600/5-5								
	25kA	40~3200/5-5	80-40/5-5~3200-1600/5-5								
	31.5kA	80~3200/5-5	160-80/5-5~3200-1600/5-5								
	40kA	80~3200/5-5	160-80/5-5~3200-1600/5-5	-	-	1.0/1P	15/15 40/40	n)20 n)10	1.0/5P	15/15 30/30	n)20 n)10
	40In	10~1500/5-5	20-10/5-5~1500-750/5-5								
	8kA	50~3200/5-5	100-50/5-5~3200-1600/5-5								
	12.5kA	70~3200/5-5	140-70/5-5~3200-1600/5-5								
	25kA	100~3200/5-5	200-100/5-5~3200-1600/5-5								
	31.5kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								
	40kA	200~3200/5-5	400-200/5-5~3200-1600/5-5								



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



CHR-12(R)

배전반용 / For Switchgear

최고회로 전압 Max.Voltage: 7.2kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요.
(As for the busbar through type>window type] CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

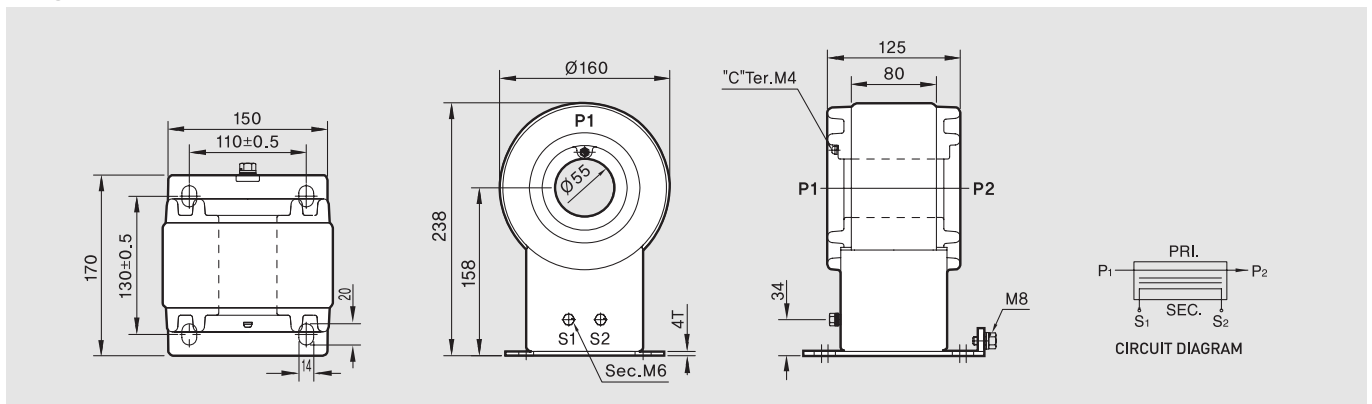
■ 계기용 / Measuring Application

Type	CHR-12	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	7.2kV	7.2kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	7.2 / 20 / 60kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	300~1000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	
중량 / Weight(kg)	≒ 15	

■ 계전기용 / Relaying Application

Type	CHR-12R	
규격 / Standard	JEC 1201	IEC 61869-2
최고회로전압 / Max. Voltage	6.9kV	7.2kV
절연계급 / Insulation Level	6.9 / 22 / 60kV	7.2 / 20 / 60kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	300~1000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15VA	15VA
오차계급 / Accuracy Class	1P	5P10 or 10P10
과전류 정수 / Over Current Factor	n > 10	n > 10
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In
주파수 / Frequency	60Hz (option : 50Hz)	
중량 / Weight(kg)	≒ 15	

■ 외형치수 / Dimension





CHR-1(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-105(R)	Ø55	≒ 17kg
CHR-107(R)	Ø70	≒ 14kg
CHR-111(R)	Ø110	≒ 12kg

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요. (As for the busbar through type>window type) CT, when the highest circuit voltage is over 6.9kV,the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

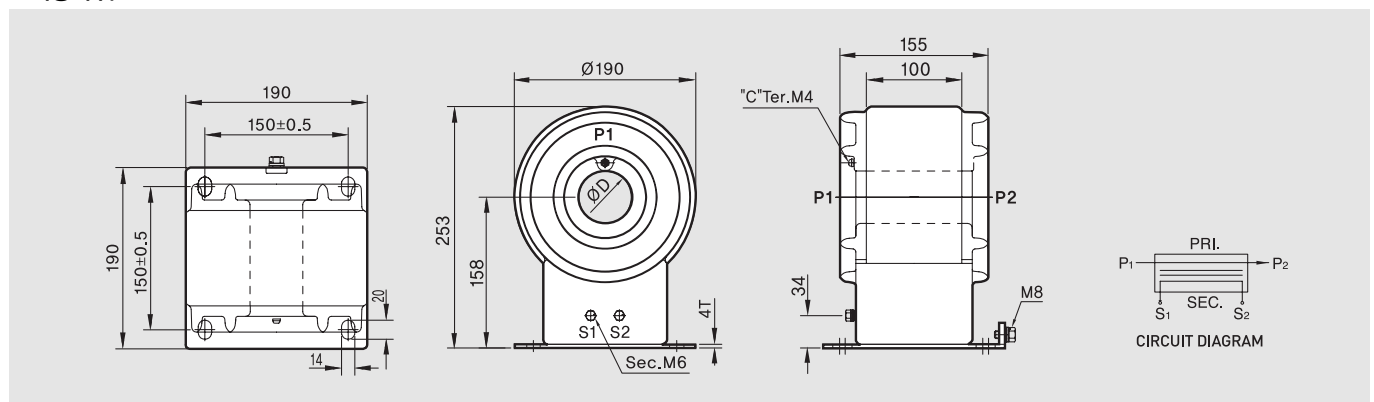
■ 계기용 / Measuring Application

Type	CHR-1	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	7.2kV	7.2kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	7.2 / 20 / 60kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	300~2500A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	

■ 계전기용 / Relaying Application

Type	CHR-1R		
규격 / Standard	JEC 1201	IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	7.2kV	
절연계급 / Insulation Level	6.9 / 22 / 60kV	7.2 / 20 / 60kV	
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)		
정격1차전류 / Rated Primary Current	300~2500A		
정격2차전류 / Rated Secondary Current	5 or 1A		
정격부담 / Rated Burden	40VA	30VA	15VA
오차계급 / Accuracy Class	1P	5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n ≧ 10	n ≧ 10	n ≧ 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)		

■ 외형치수 / Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요. (As for the busbar through type>window type] CT, when the highest circuit voltage is over 6.9kV,the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

CHR-2(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-205(R)	Ø55	≒ 25kg
CHR-207(R)	Ø70	≒ 22kg
CHR-211(R)	Ø110	≒ 19kg
CHR-213	Ø135	≒ 16kg

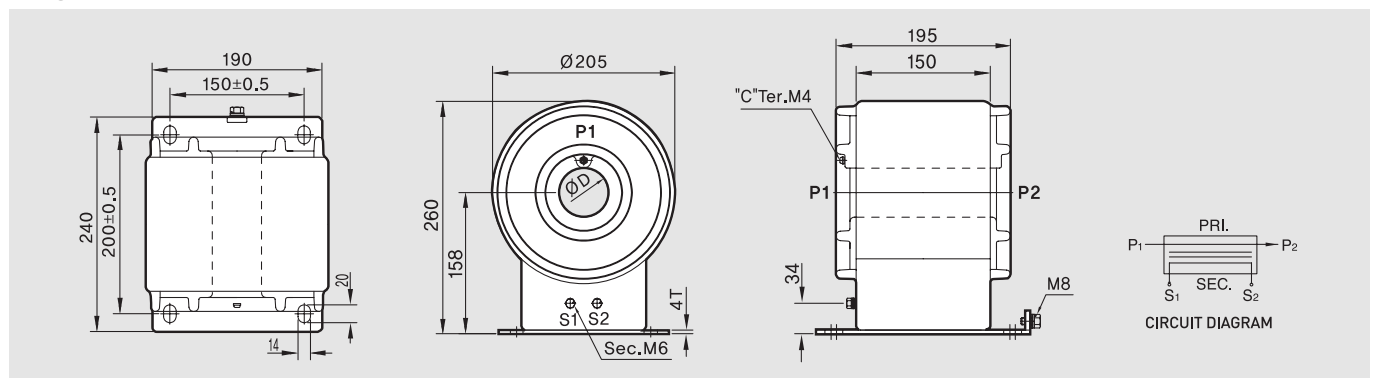
■ 계기용 / Measuring Application

Type	CHR-2	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	7.2kV	7.2kV
절연계급 / Insulation Level	7.2 / 22 / 60kV	7.2 / 20 / 60kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	300~4000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	

■ 계전기용 / Relaying Application

Type	CHR-2R		
규격 / Standard	JEC 1201	IEC 61869-2	
최고회로전압 / Max. Voltage	6.9kV	7.2kV	
절연계급 / Insulation Level	6.9 / 22 / 60kV	7.2 / 20 / 60kV	
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)		
정격1차전류 / Rated Primary Current	300~4000A		
정격2차전류 / Rated Secondary Current	5 or 1A		
정격부담 / Rated Burden	40VA	30VA	
오차계급 / Accuracy Class	1P	5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n ≥ 10	n ≥ 10	n ≥ 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)		

■ 외형치수 / Dimension



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CHR-17(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~17.5kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요. (As for the busbar through type[window type] CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.L.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

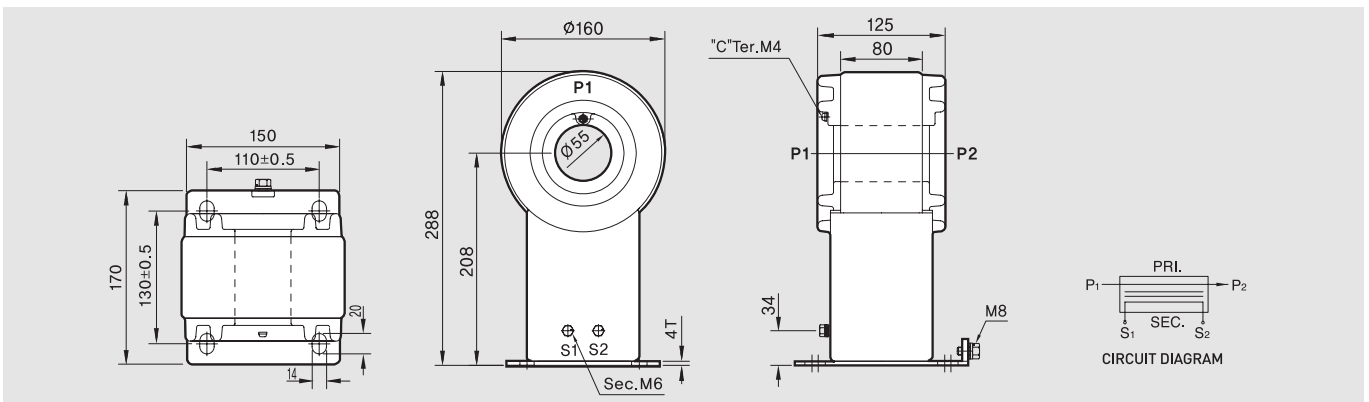
■ 계기용 / Measuring Application

Type	CHR-17			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	17.25 / 39 / 100kV	12 / 28 / 75kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~1000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1.0			
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 16			

■ 계전기용 / Relaying Application

Type	CHR-17R			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	17.25 / 39 / 115kV	12 / 28 / 75kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~1000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15VA		15VA	
오차계급 / Accuracy Class	1P		5P10 or 10P10	
과전류 정수 / Over Current Factor	n ≧ 10		n ≧ 10	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			
중량 / Weight(kg)	≒ 16			

■ 외형치수 / Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요. (As for the busbar through type>window type) CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

CHR-3(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~17.5kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-305(R)	Ø55	≒ 30kg
CHR-307(R)	Ø70	≒ 27kg
CHR-311(R)	Ø110	≒ 24kg
CHR-313	Ø135	≒ 21kg

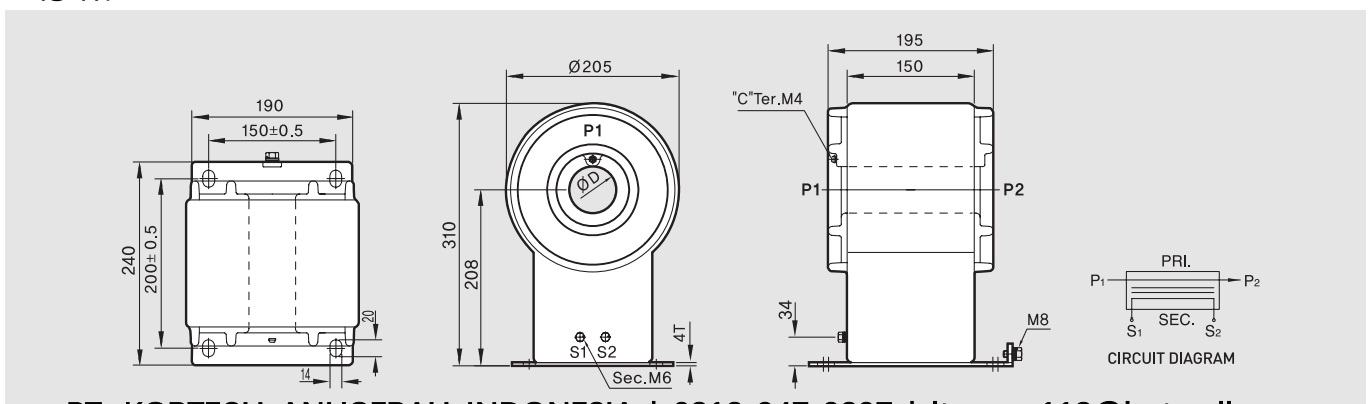
■ 계기용 / Measuring Application

Type	CHR-3			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	17.25 / 39 / 100kV	12 / 28 / 75kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~4000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1.0			
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			

■ 계전기용 / Relaying Application

Type	CHR-3R			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	17.25 / 39 / 115kV	12 / 28 / 75kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~4000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	40VA		30VA	
오차계급 / Accuracy Class	1P		5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n ≧ 10		n ≧ 10	n ≧ 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			

■ 외형치수 / Dimension



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CHR-4(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~25.8kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-405(R)	Ø55	≒ 34kg
CHR-407(R)	Ø70	≒ 31kg
CHR-411(R)	Ø110	≒ 28kg
CHR-413(R)	Ø135	≒ 25kg

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요. (As for the busbar through type>window type] CT, when the highest circuit voltage is over 6.9kV,the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

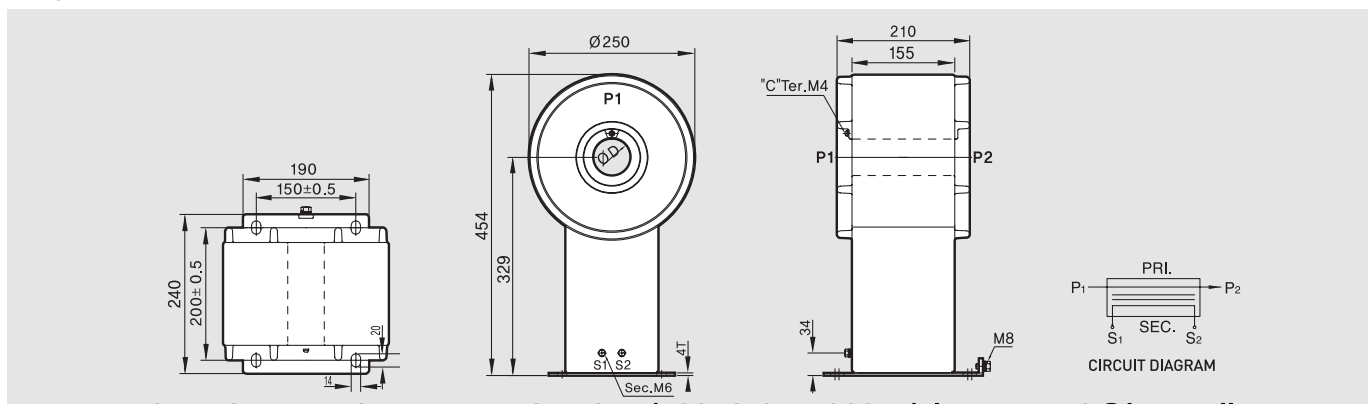
■ 계기용 / Measuring Application

Type	CHR-4	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	25.8kV	24kV
절연계급 / Insulation Level	25.8 / 50 / 150kV(125kV)	24 / 50 / 125kV(95kV)
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	300~5000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	

■ 계전기용 / Relaying Application

Type	CHR-4R		
규격 / Standard	JEC 1201	IEC 61869-2	
최고회로전압 / Max. Voltage	23kV	24kV	
절연계급 / Insulation Level	23 / 50 / 150kV	24 / 50 / 125kV(95kV)	
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)		
정격1차전류 / Rated Primary Current	300~5000A		
정격2차전류 / Rated Secondary Current	5 or 1A		
정격부담 / Rated Burden	40VA	30VA	
오차계급 / Accuracy Class	1P	5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n > 10	n > 10	n > 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)		

■ 외형치수 / Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n >	Class	Burden	n >
CHR-1 (7.2kV)	Measuring	CHR-105	150~750/5	300-150/5~800-400/5	1.0	15VA 40VA	-	-	-	1.0	15VA 30VA	-
		CHR-107	200~1200/5	400-200/5~1200-600/5								
		CHR-111	300~2500/5	600-300/5~2400-1200/5								
	Relaying	CHR-105R	300~750/5	300-150/5~800-400/5	-	-	1P	40VA	n > 10	5P10 10P10	30VA	n > 10
		CHR-107R	400~1200/5	400-200/5~1200-600/5								
		CHR-111R	1200~2500/5	1200-600/5~2400-1200/5						5P20 10P20	15VA	n > 20
	Relaying (3' ry Winding)	CHR-105RT	300~750/5, 100/5	300-150/5~800-400/5, 100/5	-	-	1P/5G	40VA /15VA	n > 20	-	-	-
		CHR-107RT	400~1200/5, 100/5	400-200/5~1200-600/5, 100/5								
		CHR-111RT	1200~2500/5, 100/5	1200-600/5~2400-1200/5, 100/5								
CHR-2 (7.2kV)	Measuring	CHR-205	150~750/5	300-150/5~800-400/5	1.0	15VA 40VA	-	-	-	1.0	15VA 30VA	-
		CHR-207	150~1200/5	300-150/5~1200-600/5								
		CHR-211	200~2500/5	400-200/5~2400-1200/5								
		CHR-213	250~4000/5	500-250/5~4000-2000/5								
	Relaying	CHR-205R	300~750/5	300-150/5~800-400/5	-	-	1P	40VA	n > 20	5P20 10P20	30VA	n > 20
		CHR-207R	600~1200/5	600-300/5~1200-600/5								
		CHR-211R	800~4000/5	800-400/5~4000-2000/5								
	Relaying (3' ry Winding)	CHR-205RT	300~750/5, 100/5	300-150/5~800-400/5, 100/5	-	-	1P/5G	40VA /15VA	n > 20	-	-	-
		CHR-207RT	600~1200/5, 100/5	600-300/5~1200-600/5, 100/5								
		CHR-211RT	800~4000/5, 100/5	800-400/5~4000-2000/5, 100/5								
	2 Core Single Ratio C.T	2CHR-205	300~750/5-5	-	-	-	-	-	-	1.0	30VA	-
		2CHR-207	800~1200/5-5	-								
		2CHR-211	1500~4000/5-5	-						5P10 10P10	15VA	n > 10
CHR-3 (12~17.5kV)	Measuring	CHR-305	150~750/5	300-150/5~800-400/5	1.0	15VA 40VA	-	-	-	1.0	15VA 30VA	-
		CHR-307	150~1200/5	300-150/5~1200-600/5								
		CHR-311	200~2500/5	400-200/5~2400-1200/5								
		CHR-313	250~4000/5	500-250/5~4000-2000/5								
	Relaying	CHR-305R	300~750/5	300-150/5~800-400/5	-	-	1P	40VA	n > 20	5P20 10P20	30VA	n > 20
		CHR-307R	600~1200/5	600-300/5~1200-600/5								
		CHR-311R	800~4000/5	800-400/5~4000-2000/5								
	Relaying (3' ry Winding)	CHR-305RT	300~750/5, 100/5	300-150/5~800-400/5, 100/5	-	-	1P/5G	40VA /15VA	n > 20	-	-	-
		CHR-307RT	600~1200/5, 100/5	600-300/5~1200-600/5, 100/5								
		CHR-311RT	800~4000/5, 100/5	800-400/5~4000-2000/5, 100/5								
	2 Core Single Ratio C.T	2CHR-305	300~750/5-5	-	-	-	-	-	-	1.0	30VA	-
		2CHR-307	800~1200/5-5	-								
		2CHR-311	1500~4000/5-5	-						5P10 10P10	30VA	n > 10

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n >	Class	Burden	n >
CHR-4 24kV (25.8kV)	Measuring	CHR-405	150~750/5	300-150/5~800-400/5	1.0	15VA 40VA	-	-	-	1.0	15VA 30VA	-
		CHR-407	200~1200/5	400-200/5~1200-600/5								
		CHR-411	200~2500/5	400-200/5~2400-1200/5								
		CHR-413	250~5000/5	500-250/5~5000-2500/5								
	Relaying	CHR-405R	300~750/5	300-150/5~800-400/5	-	-	1P	40VA	n > 20	5P20 10P20	30VA	n > 20
		CHR-407R	400~1200/5	400-200/5~1200-600/5								
		CHR-411R	600~2500/5	600-300/5~2400-1200/5								
		CHR-413R	1200~5000/5	1200-600/5~5000-2500/5								
	Relaying (3' ry Winding)	CHR-405RT	300~750/5, 100/5	300-150/5~800-400/5, 100/5	-	-	1P/5G	40VA /15VA	n > 20	-	-	-
		CHR-407RT	400~1200/5, 100/5	400-200/5~1200-600/5, 100/5								
		CHR-411RT	600~2500/5, 100/5	600-300/5~2400-1200/5, 100/5								
		CHR-413RT	1200~5000/5, 100/5	1200-600/5~5000-2500/5, 100/5								
	2 Core Single Ratio C.T	2CHR-405	300~750/5-5	-	-	-	-	-	-	1.0	30VA	-
		2CHR-407	800~1200/5-5	-								
		2CHR-411	1500~2500/5-5	-						5P10 10P10	30VA	n > 10
CHR-12 (7.2kV)	Measuring	CHR-12	200~1000/5	400-200/5~1000-500/5	1.0	15VA 40VA	-	-	-	1.0	15VA 30VA	FS5 FS10 (Option)
	Relaying	CHR-12R	200~1000/5	200-100/5~1000-500/5	-	-	1P	15VA	n > 10 10/5	1.0/5P	15VA	n > 10
			400~1000/5	400-200/5~1000-500/5	-	-	1P	15VA 40VA	n > 20 n > 10	5P or 10P	15VA 30VA	n > 20 n > 10
	Relaying (3' ry Winding)	CHR-12RT	400~1000/5 100/5	400-200/5~1000-500/5 100/5	-	-	1P/5G	40VA /15VA	n > 20	-	-	-
CHR-17 (12~17.5kV)	Measuring	CHR-17	200~1000/5	400-200/5~1000-500/5	1.0	15VA 40VA	-	-	-	1.0	15VA 30VA	FS5 FS10 (Option)
	Relaying	CHR-17R	200~1000/5	200-100/5~1000-500/5	-	-	1P	15VA	n > 10 10/5	1.0/5P	15VA	n > 10
			400~1000/5	400-200/5~1000-500/5	-	-	1P	15VA 40VA	n > 20 n > 10	5P or 10P	15VA 30VA	n > 20 n > 10
	Relaying (3' ry Winding)	CHR-17RT	400~1000/5 100/5	400-200/5~1000-500/5 100/5	-	-	1P/5G	40VA /15VA	n > 20	-	-	-

F

MV CT



고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



CHR-31(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~17.5kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요.
(As for the busbar through type[window type] CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-3105(R)	Ø55	≒ 50kg
CHR-3107(R)	Ø70	≒ 46kg
CHR-3111(R)	Ø110	≒ 42kg
CHR-3113(R)	Ø135	≒ 30kg
CHR-3116(R)	Ø165	≒ 28kg

※ CHR-3116(R) TYPE은 12kV 까지만 가능합니다.

■ 계기용 / Measuring Application

Type	CHR-31			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	17.25 / 39 / 100kV	12 / 28 / 75kV	17.25 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~4000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1.0			
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			

■ 계전기용 / Relaying Application

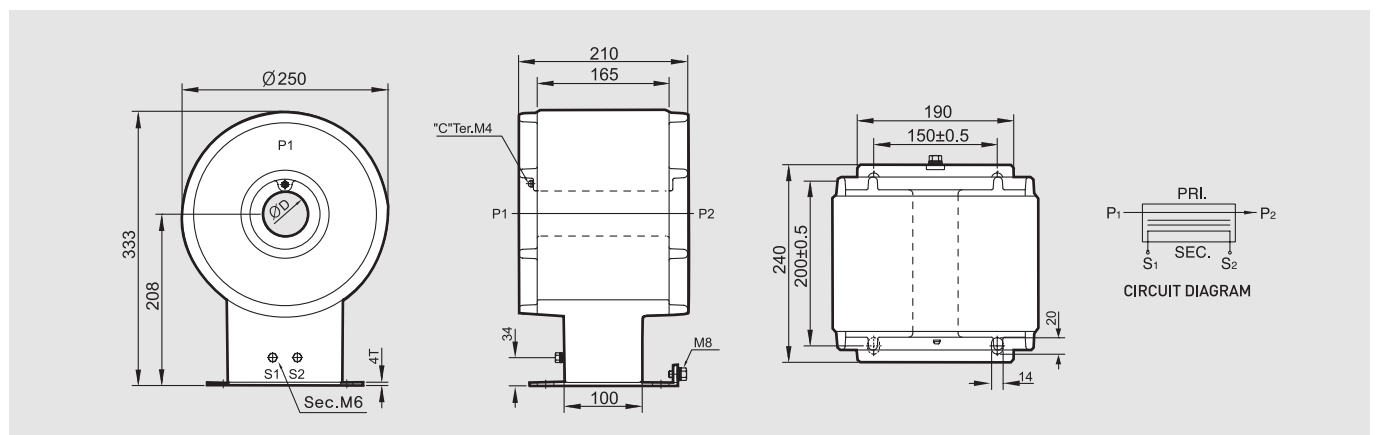
Type	CHR-31R			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	17.25 / 39 / 115kV	12 / 28 / 75kV	17.25 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~4000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	40VA		30VA	
오차계급 / Accuracy Class	1P		5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n ≧ 10		n ≧ 10	n ≧ 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2						
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n 〉	Class	Burden	n 〉				
CHR-31 (7.2~17.5kV)	Measuring	CHR-3105	100~2000/5	200-100/5~2000-1000/5	1.0	15VA	-	-	-	1.0	15VA	-				
		CHR-3107	100~4000/5	200-100/5~4000-2000/5												
		CHR-3111	150~5000/5	300-150/5~5000-2500/5												
		CHR-3113	150~5000/5	300-150/5~5000-2500/5												
		CHR-3116	200~5000/5	400-200/5~5000-2500/5												
		CHR-3105	150~2000/5	300-150/5~2000-1000/5		40VA					-	-	-	30VA	-	
		CHR-3107	150~4000/5	300-150/5~4000-2000/5												
		CHR-3111	200~5000/5	400-200/5~5000-2500/5												
		CHR-3113	250~5000/5	500-250/5~5000-2500/5												
		CHR-3116	300~5000/5	600-300/5~5000-2500/5												
	Relaying	CHR-3105R	100~2000/5	200-100/5~2000-1000/5	-	-	1P	15VA	n 〉 10	5P10	15VA	n 〉 10				
		CHR-3107R	100~4000/5	200-100/5~4000-2000/5												
		CHR-3111R	150~5000/5	300-150/5~5000-2500/5												
		CHR-3113R	150~5000/5	300-150/5~5000-2500/5												
		CHR-3116R	200~5000/5	400-200/5~5000-2500/5												
		CHR-3105R	150~2000/5	300-150/5~2000-1000/5	-	-		40VA		n 〉 20	5P20		30VA	n 〉 20		
		CHR-3107R	150~4000/5	300-150/5~4000-2000/5												
		CHR-3111R	200~5000/5	400-200/5~5000-2500/5												
		CHR-3113R	250~5000/5	500-250/5~5000-2500/5												
		CHR-3116R	600~5000/5	600-300/5~5000-2500/5												
		CHR-3105R	300~2000/5	300-150/5~2000-1000/5	-	-		40VA			n 〉 20		5P20		30VA	n 〉 20
		CHR-3107R	300~4000/5	300-150/5~4000-2000/5												
		CHR-3111R	400~5000/5	400-200/5~5000-2500/5												
		CHR-3113R	500~5000/5	500-250/5~5000-2500/5												
		CHR-3116R	1200~5000/5	1200-600/5~5000-2500/5												
CHR-31R (12~17.5kV)	Relaying (3'ry Winding)	CHR-3105RT	300~2000/5 100/5	300-150/5~2000-1000/5 100/5	-	-	1P/5G	40VA /15VA	n 〉 20		-	-	-			
		CHR-3107RT	150~4000/5 100/5	300-150/5~4000-2000/5 100/5												
		CHR-3111RT	200~5000/5 100/5	400-200/5~5000-2500/5 100/5												
		CHR-3113RT	250~5000/5 100/5	500-250/5~5000-2500/5 100/5												

※ 2 Core, 3 Core 사양은 별도 문의 바랍니다.

■ 외형치수/ Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



CHR-32(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 7.2~17.5kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요.
(As for the busbar through type>window type) CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-3205(R)	Ø55	≒ 50kg
CHR-3207(R)	Ø70	≒ 46kg
CHR-3211(R)	Ø110	≒ 42kg
CHR-3213(R)	Ø135	≒ 30kg
CHR-3216(R)	Ø165	≒ 28kg

■ 계기용 / Measuring Application

Type	CHR-32			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	17.25 / 39 / 100kV	12 / 28 / 75kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~4000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1.0			
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			

■ 계전기용 / Relaying Application

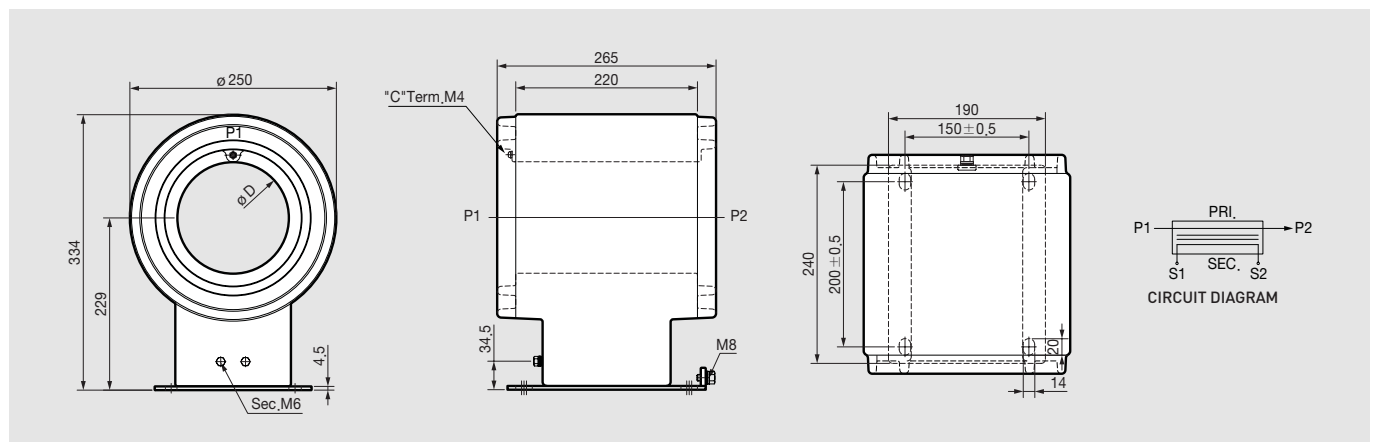
Type	CHR-32R			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	17.25kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	17.25 / 39 / 115kV	12 / 28 / 75kV	17.5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	300~4000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	40VA		30VA	
오차계급 / Accuracy Class	1P		5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n ≥ 10		n ≥ 10	n ≥ 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2								
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n 〉	Class	Burden	n 〉						
CHR-32 (12~17.5kV)	Measuring	CHR-3205	50~2000/5	100-50/5~2000-1000/5	1.0	15VA	-	-	-	1.0	15VA	-						
		CHR-3207	50~4000/5	100-50/5~4000-2000/5														
		CHR-3211	75~5000/5	150-75/5~5000-2500/5														
		CHR-3213	75~5000/5	150-75/5~5000-2500/5														
		CHR-3216	150~5000/5	300-150/5~5000-2500/5														
		CHR-3205	75~2000/5	150-75/5~2000-1000/5		40VA	-	-	-		30VA							
		CHR-3207	100~4000/5	200-100/5~4000-2000/5														
		CHR-3211	100~5000/5	200-100/5~5000-2500/5														
		CHR-3213	150~5000/5	300-150/5~5000-2500/5														
		CHR-3216	200~5000/5	400-200/5~5000-2500/5														
	Relaying	CHR-3205R	50~2000/5	100-50/5~2000-1000/5	-	-	1P	15VA	n 〉 10	5P10	15VA	n 〉 10						
		CHR-3207R	50~4000/5	100-50/5~4000-2000/5														
		CHR-3211R	75~5000/5	150-75/5~5000-2500/5														
		CHR-3213R	75~5000/5	150-75/5~5000-2500/5														
		CHR-3216R	150~5000/5	300-150/5~5000-2500/5														
		CHR-3205R	75~2000/5	150-75/5~2000-1000/5	-	-		40VA		n 〉 20			5P20	30VA	n 〉 20			
		CHR-3207R	100~4000/5	200-100/5~4000-2000/5														
		CHR-3211R	150~5000/5	300-150/5~5000-2500/5														
		CHR-3213R	200~5000/5	400-200/5~5000-2500/5														
		CHR-3216R	400~5000/5	800-400/5~5000-2500/5														
		CHR-3205R	200~2000/5	200-100/5~2000-1000/5	-	-		40VA					n 〉 20			5P20	30VA	n 〉 20
		CHR-3207R	200~4000/5	200-100/5~4000-2000/5														
		CHR-3211R	250~5000/5	240-120/5~5000-2500/5														
		CHR-3213R	400~5000/5	400-200/5~5000-2500/5														
		CHR-3216R	800~5000/5	800-400/5~5000-2500/5														
	Relaying (3' ry Winding)	CHR-3205RT	200~2000/5 100/5	200-100/5~2000-1000/5 100/5	-	-	1P/5G	40VA /15VA	n 〉 20		-	-	-					
		CHR-3207RT	200~4000/5 100/5	200-100/5~4000-2000/5 100/5														
		CHR-3211RT	250~5000/5 100/5	240-120/5~5000-2500/5 100/5														
		CHR-3213RT	400~5000/5 100/5	400-200/5~5000-2500/5 100/5														

※ 2 Core, 3 Core 사양은 별도 문의 바랍니다.

■ 외형치수/Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



CHR-42(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 12~25.8kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요.
(As for the busbar through type>window type) CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-4205(R)	Ø55	≒ 54kg
CHR-4207(R)	Ø70	≒ 50kg
CHR-4211(R)	Ø110	≒ 46kg
CHR-4213(R)	Ø135	≒ 34kg
CHR-4216(R)	Ø165	≒ 32kg

■ 계기용 / Measuring Application

Type	CHR-42	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	25.8kV	24kV
절연계급 / Insulation Level	25.8 / 50 / 150kV(125kV)	24 / 50 / 125kV(95kV)
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	300~5000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	

■ 계전기용 / Relaying Application

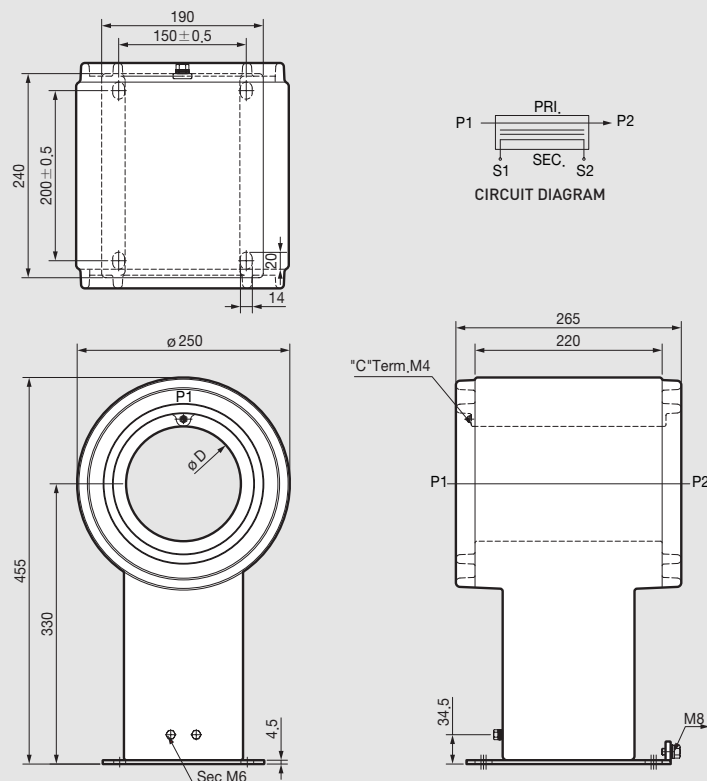
Type	CHR-42R		
규격 / Standard	JEC 1201	IEC 61869-2	
최고회로전압 / Max. Voltage	23kV	24kV	
절연계급 / Insulation Level	23 / 50 / 150kV	24 / 50 / 125kV(95kV)	
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)		
정격1차전류 / Rated Primary Current	300~5000A		
정격2차전류 / Rated Secondary Current	5 or 1A		
정격부담 / Rated Burden	40VA	30VA	
오차계급 / Accuracy Class	1P	5P10 or 10P10	5P20 or 10P20
과전류 정수 / Over Current Factor	n ≧ 10	n ≧ 10	n ≧ 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)		

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n 〉	Class	Burden	n 〉
CHR-42 24kV (12~25.8kV)	Measuring	CHR-4205	50~2000/5	100-50/5~2000-1000/5	1.0	15VA	-	-	-	1.0	15VA	-
		CHR-4207	50~4000/5	100-50/5~4000-2000/5								
		CHR-4211	75~5000/5	150-75/5~5000-2500/5								
		CHR-4213	75~5000/5	150-75/5~5000-2500/5								
		CHR-4216	150~5000/5	300-150/5~5000-2500/5								
		CHR-4205	75~2000/5	150-75/5~2000-1000/5		40VA	-	-	-		30VA	-
		CHR-4207	100~4000/5	200-100/5~4000-2000/5								
		CHR-4211	100~5000/5	200-100/5~5000-2500/5								
		CHR-4213	150~6000/5	300-150/5~6000-3000/5								
		CHR-4216	1000~1500/5	-								
	Relaying	CHR-4205R	50~2000/5	100-50/5~2000-1000/5	-	-	1P	15VA	n 〉 10	5P10	15VA	n 〉 10
		CHR-4207R	50~4000/5	100-50/5~4000-2000/5								
		CHR-4211R	75~5000/5	150-75/5~5000-2500/5								
		CHR-4213R	120~6000/5	300-150/5~6000-3000/5								
		CHR-4216R	1000~1500/5	-								
		CHR-4205R	100~2000/5	200-100/5~2000-1000/5	-	-		40VA	n 〉 20		30VA	n 〉 20
		CHR-4207R	100~4000/5	200-100/5~4000-2000/5								
		CHR-4211R	200~5000/5	400-200/5~5000-2500/5								
		CHR-4213R	300~6000/5	600-300/5~6000-3000/5								
		CHR-4205R	200~2000/5	200-100/5~2000-1000/5								
		CHR-4207R	200~4000/5	200-100/5~4000-2000/5	-	-		40VA	n 〉 20		30VA	n 〉 20
		CHR-4211R	400~5000/5	400-200/5~5000-2500/5								
		CHR-4213R	600~5000/5	600-300/5~5000-2500/5								

※ 2 Core, 3 Core 사양은 별도 문의 바랍니다.

■ 외형치수/ Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



CHR-33(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 12~25.8kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요.
(As for the busbar through type>window type) CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

■ Standard Dimension

Type	In Dia(D)	Weight(kg)
CHR-3307(R)	Ø70	≒ 70
CHR-3311(R)	Ø110	≒ 43
CHR-3313(R)	Ø135	≒ 35
CHR-3315(R)	Ø155	≒ 31

■ 계기용 / Measuring Application

Type	CHR-33			
규격 / Standard	KS C 1706		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	25.8kV	12kV	24kV
절연계급 / Insulation Level	11.5 / 28 / 95kV(75kV)	25.8 / 50 / 125kV	12 / 28 / 75kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	100A~8000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1.0			
정격연속 열전류 / Rated Continuous Thermal Current	1.2In			
주파수 / Frequency	60Hz (option : 50Hz)			

■ 계전기용 / Relaying Application

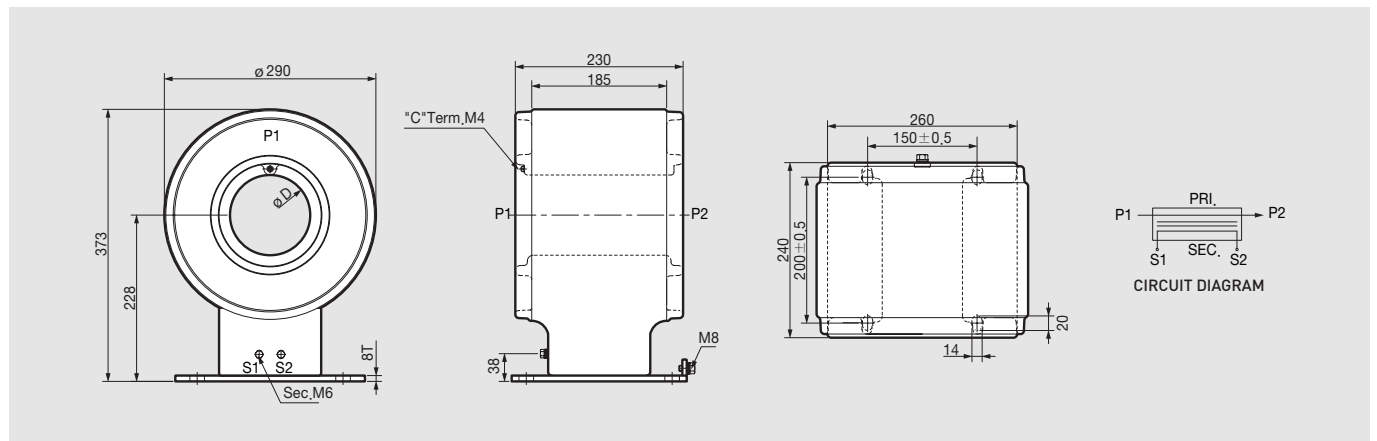
Type	CHR-33R			
규격 / Standard	JEC 1201		IEC 61869-2	
최고회로전압 / Max. Voltage	11.5kV	23kV	12kV	17.5kV
절연계급 / Insulation Level	11.5 / 28 / 90kV(75kV)	23 / 50 / 150kV	12 / 28 / 75kV	17,5 / 38 / 95kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)			
정격1차전류 / Rated Primary Current	100~8000A			
정격2차전류 / Rated Secondary Current	5 or 1A			
정격부담 / Rated Burden	15 or 40VA			
오차계급 / Accuracy Class	1P		5P or 10P	
과전류 정수 / Over Current Factor	n > 10 or n > 20		n > 10 or n > 20	
정격연속 열전류 / Rated Continuous Thermal Current	1.1In		1.2In	
주파수 / Frequency	60Hz (option : 50Hz)			

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n 〉	Class	Burden	n 〉
CHR-33	Measuring	CHR-3307	50~4000/5	100-50/5~4000-2000/5	1.0	15VA	-	-	-	1.0	15VA	-
		CHR-3311	70~5000/5	150-75/5~5000-2500/5								
		CHR-3313	80~8000/5	150-75/5~5000-2500/5								
		CHR-3315	100~8000/5	200-100/5~8000-4000/5								
		CHR-3307	1000~4000/5	200-100/5~8000-4000/5		40VA	-	-	-		30VA	-
		CHR-3311	100~5000/5	200-100/5~8000-4000/5								
		CHR-3313	120~8000/5	300-150/5~8000-4000/5								
		CHR-3315	150~8000/5	300-150/5~8000-4000/5								
	Relaying	CHR-3307R	50~4000/5	100-50/5~4000-2000/5	-	-	15VA	n 〉 10	5P10	15VA	n 〉 10	
		CHR-3311R	70~5000/5	150-75/5~5000-2500/5								
		CHR-3313R	80~8000/5	150-75/5~8000-4000/5								
		CHR-3315R	100~8000/5	200-100/5~8000-4000/5								
		CHR-3307R	100~8000/5	200-100/5~4000-2000/5	-	-	1P	40VA	30VA	-		
		CHR-3311R	150~8000/5	300-150/5~5000-2500/5								
		CHR-3313R	200~8000/5	400-200/5~8000-4000/5								
		CHR-3315R	200~8000/5	400-200/5~8000-4000/5								
		CHR-3307R	200~4000/5	400-200/5~4000-2000/5	-	-	40VA	n 〉 20	5P20	30VA	n 〉 20	
		CHR-3311R	250~5000/5	500-250/5~5000-2500/5								
		CHR-3313R	300~8000/5	600-300/5~8000-4000/5								
		CHR-3315R	400~8000/5	800-400/5~8000-4000/5								
	Relaying (3' ry Windings)	CHR-3307RT	200~4000/5 100/5	400-200/5~5000-2500/5 100/5	-	-	1P/5G	40VA /15VA	n 〉 20	-	-	-
		CHR-3311RT	250~5000/5 100/5	500-250/5~5000-2500/5 100/5								
		CHR-3313RT	300~8000/5 1000/5	600-300~8000-4000/5 100/5								
		CHR-3315RT	400~8000/5 100/5	800-400/5~8000-4000/5 100/5								

※ 2 Core, 3 Core 사양은 별도 문의 바랍니다.

■ 외형치수/ Dimension





고압 계기용 및 계전기용 변류기

Medium Voltage Current Transformer



CHR-5(R)

배전반용 / For Switchgear

최고회로 전압

Max.Voltage: 12~25.8kV

■ 특징 / Feature

- 옥내용 / For Indoor
- 계기용 및 계전기용 / Measuring & Relaying Application
- 부스바 관통형 / Busbar or Cable Through Type
- 에폭시 몰드형 / Epoxy Molded Type
- 60Hz(Option : 50Hz)

※ K(P1)side, L(P2)side 선택 주문 가능합니다 (Side Type can be selected)

※ 최고회로전압이 6.9kV 이상의 Busbar 관통형인 제품에는 CT 표면과 1차 도체 사이에서 발생 할 수 있는 Corona, 뇌충격내전압 등의 발생을 방지하기 위하여 "C" 단자가 설치되어있으니 "C" 단자를 부스바에 연결하여 사용하세요.
(As for the busbar through type(window type) CT, when the highest circuit voltage is over 6.9kV, the "C" terminal is installed to prevent the occurrence of corona and R.I.V that may occur between primary conductor and the CT surface. Therefore, "C" terminal shall be connected to busbar.)

■ Standard Dimension

Type	In Dia(D)	Weight
CHR-507(R)	Ø70	≒ 76kg
CHR-511(R)	Ø110	≒ 49kg
CHR-513(R)	Ø135	≒ 41kg
CHR-515(R)	Ø155	≒ 37kg

■ 계기용 / Measuring Application

Type	CHR-5	
규격 / Standard	KS C 1706	IEC 61869-2
최고회로전압 / Max. Voltage	25.8kV	24kV
절연계급 / Insulation Level	25.8 / 50 / 125kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	100~8000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1.0	
정격연속 열전류 / Rated Continuous Thermal Current	1.2In	
주파수 / Frequency	60Hz (option : 50Hz)	

■ 계전기용 / Relaying Application

Type	CHR-5R	
규격 / Standard	JEC 1201	IEC 61869-2
최고회로전압 / Max. Voltage	23kV	24kV
절연계급 / Insulation Level	23 / 50 / 150kV	24 / 50 / 125kV
단시간 전류 / Short time Current Max.kA	40In (Max. 50kA/1sec)	
정격1차전류 / Rated Primary Current	200~8000A	
정격2차전류 / Rated Secondary Current	5 or 1A	
정격부담 / Rated Burden	15 or 40VA	
오차계급 / Accuracy Class	1P	5P or 10P
과전류 정수 / Over Current Factor	n > 10 or n > 20	n > 10 or n > 20
정격연속 열전류 / Rated Continuous Thermal Current	1.1In	1.2In
주파수 / Frequency	60Hz (option : 50Hz)	

■ 사양 / Specification

Type	용도 Service	Type	변류비(Current Ratio)		KS C 1706		JEC 1201			IEC 61869-2		
			단일비 / Single	이중비 / Double	Class	Burden	Class	Burden	n 〉	Class	Burden	n 〉
CHR-33	Measuring	CHR-507	75~4000/5	150-75/5~4000-2000/5	1.0	15VA	-	-	-	1.0	15VA	-
		CHR-511	100~5000/5	200-100/5~5000-2500/5								
		CHR-513	100~8000/5	200-100/5~8000-4000/5								
		CHR-515	120~8000/5	300-150/5~8000-4000/5								
		CHR-507	120~4000/5	300-150/5~4000-2000/5		40VA	-	-	-		30VA	-
		CHR-511	150~5000/5	300-150/5~5000-2500/5								
		CHR-513	150~8000/5	300-150/5~8000-4000/5								
		CHR-515	180~8000/5	200-100/5~8000-4000/5								
	Relaying	CHR-507R	75~4000/5	150-75/5~4000-2000/5	-	-	15VA	n 〉 10	5P10	15VA	n 〉 10	
		CHR-511R	100~5000/5	200-100/5~5000-2500/5								
		CHR-513R	100~8000/5	200-100/5~8000-4000/5								
		CHR-515R	120~8000/5	300-150/5~8000-4000/5								
		CHR-507R	150~4000/5	300-150/5~4000-2000/5	-	-	1P	40VA	30VA			
		CHR-511R	200~5000/5	400-200/5~5000-2500/5								
		CHR-513R	250~8000/5	500-250/5~8000-4000/5								
		CHR-515R	300~8000/5	600-300/5~8000-4000/5								
		CHR-507R	250~4000/5	500-250/5~4000-2000/5	-	-	40VA	n 〉 20	5P20	30VA	n 〉 20	
		CHR-511R	400~5000/5	800-400/5~5000-2500/5								
		CHR-513R	500~8000/5	1000-500/5~8000-4000/5								
		CHR-515R	600~8000/5	1200-600/5~8000-4000/5								
	Relaying (3' ry Winding)	CHR-507RT	250~4000/5 100/5	500-250/5~4000-2000/5 100/5	-	-	1P/5G	40VA /15VA	n 〉 20	-	-	-
		CHR-511RT	400~5000/5100/5	800-400/5~5000-2500/5 100/5								
		CHR-513RT	500~8000/5 100/5	1000-500/5~8000-4000/5 100/5								
		CHR-515RT	600~8000/5100/5	1200-600/5~8000-4000/5 100/5								

※ 2 Core, 3 Core 사양은 별도 문의 바랍니다.

■ 외형치수/ Dimension

