

PROTECTION RELAY TYPE ZERO PHASE CURRENT TRANSFORMER

Zero Phase Sequence Current Transformer (WYZR, WYZS Type)



● 보호계전기용 (200mA/110mV)

Model | WYZR-030NV~200NV (Round type) WYZS-160NV~260NV (Square type)

* WY: Manufacture mark Z: Zero current transformer(ZCT) R: Round type S: Square type 030: Inside size H: High sensitive type



● Features

- 부하의 종류 및 용량에 따라 다양한 구조로 되어있습니다
- ABS 난연성 수지로 자기 소화성이 있는 재질로 되어있습니다.
- ABS 및 PC 난연성 수지로 되어 있습니다.
- Various structures by types of load and capacity
- Built-in materials with ABS flame proof resin for self-extinguish stability
- Built-in light weighted structure without using filler inside
- Terminal cover for safety

● Specifications

ITEM	Zero Phase Sequence Current Transformer(ZCT)						
Type	WYZR-030-080NV	WYZR-100-120NV	WYZR-150-200NV	WYZS-160-260NV	WYZS-102NV	WYZS-054-104ANV	WYZS-223-224NV
Rated	1'st 200mA , 2'nd 110mV (200mA / 110mV)						
Class	± 10%						
Operating temperature	-10°C ~ +60°C						
Insulation resistance	2'th - Earth DC500V Megger 100MΩ more						
Dielectric withstand	2'th - Earth AC2,000V / 1min						
Impulse withstand voltage	2'th - Earth 6kV (1.2/50μs) +, - 1times						

● Rating

ITEM	Model		Rated Current(A)	Cable(EV) mm ²				Weight (kg)
	Type	Insidedia		1P2W	1P3W	3P3W	3P4W	
 환형 Cable through type	WYZR-030NV	Ø30	100	60	14	8	0.2	
	WYZR-050NV	Ø50	250	150	80	38	0.2	
	WYZR-065NV	Ø65	400	325	150	100	0.3	
	WYZR-080NV	Ø80	600	400	250	200	0.4	
	WYZR-100NV	Ø100	800	500	325	250	0.6	
	WYZR-120NV	Ø120	1000	950	850	725	0.7	
	WYZR-150NV	Ø150	1200	1200	1000	850	1.0	
	WYZR-200NV	Ø200	2000	1500	1200	950	1.9	
 각형 Busbar through type	WYZS-160NV	166 x 30mm	400	6t x 25mm	6t x 25mm	6t x 25mm	0.8	
	WYZS-210NV	210 x 30mm	500	6t x 25mm	6t x 25mm	6t x 25mm	1.0	
	WYZS-260NV	260 x 30mm	600	8t x 30mm	8t x 30mm	8t x 30mm	1.4	
 각형 Busbar type	WYZS-102NV(1P2W)	MCCB-BUS Size (30mm)	125	3t x 15mm	3t x 15mm	3t x 15mm	0.2	
	WYZS-103NV(3P3W)	MCCB-BUS Size (30mm)	125	3t x 15mm	3t x 15mm	3t x 15mm	0.4	
	WYZS-104NV(3P4W)	MCCB-BUS Size (30mm)	125	3t x 15mm	3t x 15mm	3t x 15mm	0.4	
	WYZS-054ANV(3P4W)	MCCB-BUS Size (25mm)	50	3t x 15mm	3t x 15mm	3t x 15mm	0.4	
	WYZS-104ANV(3P4W)	MCCB-BUS Size (25mm)	100	3t x 15mm	3t x 15mm	3t x 15mm	0.4	
	WYZS-223NV(3P3W)	MCCB-BUS Size (35mm)	250	5t x 20mm	5t x 20mm	5t x 20mm	0.5	
	WYZS-224NV(3P4W)	MCCB-BUS Size (35mm)	250	5t x 20mm	5t x 20mm	5t x 20mm	0.6	

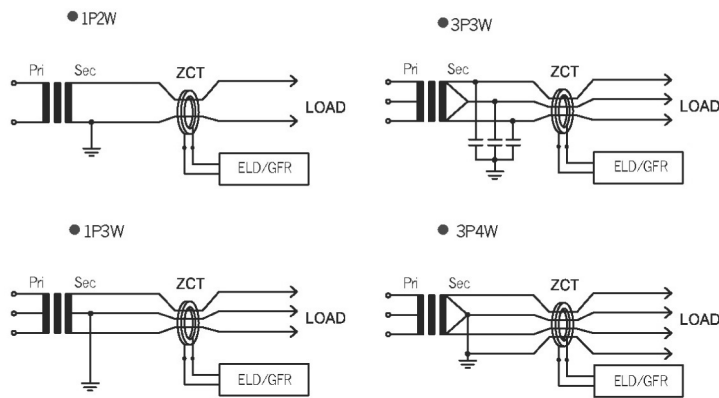
ZERO PHASE SEQUENCE CURRENT TRANSFORMER

Dimension

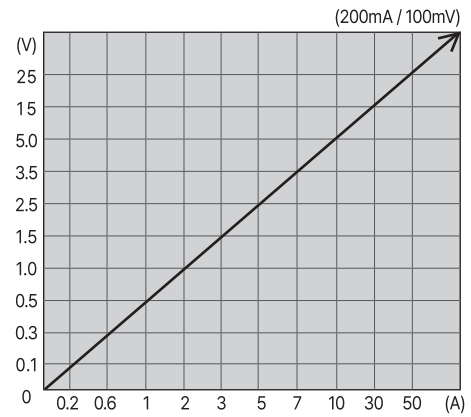
환형, 각형



External right connection diagram

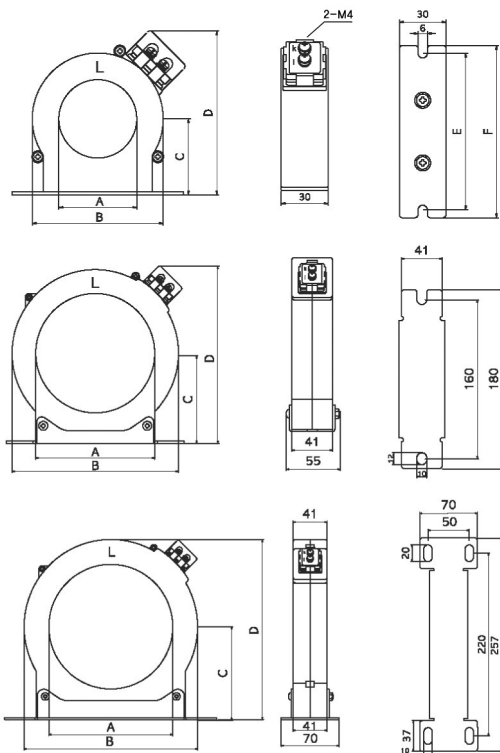


The output curve of the feature in ZCT



• Condition : the output voltage measured in increased current by attaching the ZCT impedance (2kΩ) to secondary ZCT

Dimension (Round type)

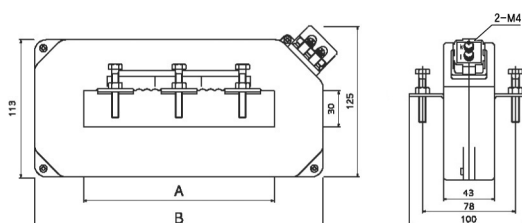


TYPE	A	B	C	D	E	F
WYZR-030	30	59	40	75	80	90
WYZR-050	50	84	48	105	100	110
WYZR-065	65	101	57	120	100	110
WYZR-080	80	120	66	136	120	130

TYPE	A	B	C	D
WYZR-100	100	140	77	155
WYZR-120	120	168	91	179

TYPE	A	B	C	D
WYZR-150	150	210	122	217
WYZR-200	200	270	142	277

Dimension (Square type)

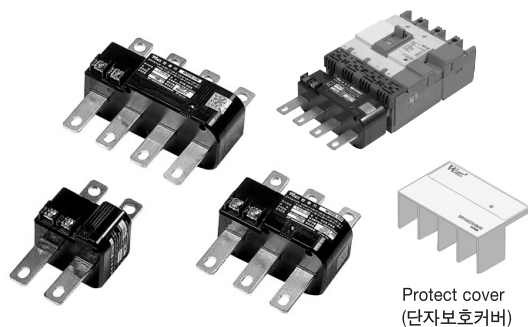


TYPE	A	B
WYZR-160	160	242
WYZR-210	210	292
WYZR-260	260	342

ZERO PHASE SEQUENCE CURRENT TRANSFORMER

Dimension

Bus-bar일체형  

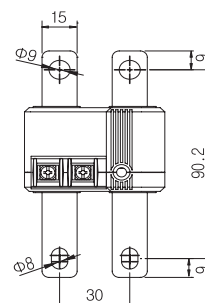
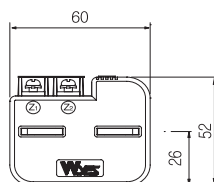
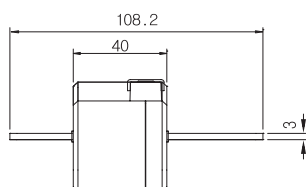


● Features

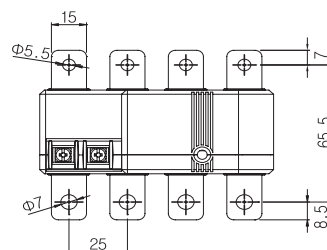
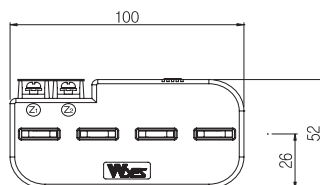
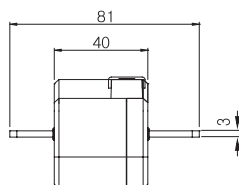
- MCCB 차단기에 직접 탈부착하여 사용할 수 있는 구조
- 1P2W, 3P3W 및 3P4W MCCB에 적용 가능
- 취부가 간편하여 작업 시간 단축
- PC 재질의 구조이며 자기 소화성이 있는 난연 재질임
 - 단자보호커버 부착으로 안전성 확보
- The structure can be used connection directly at the circuit breaker
- It is possible to apply 3P3W and 3P4W MCCB.
- The reduction of working hours because it is installed convenient.
- It is the flame proof material that has the structure of PC material and self-extinguishing.
- The formal approval products of Korea Institute of Fire Industry & Technology

● Dimension (Square type)

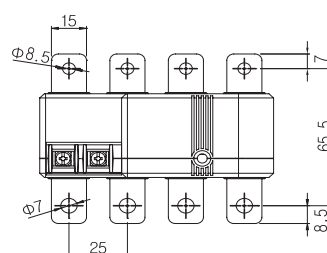
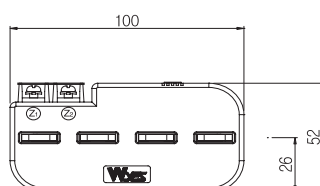
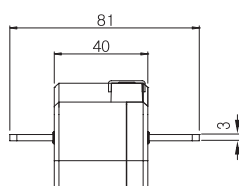
WYZS-102(30mm)



WYZS-054A



WYZS-104A



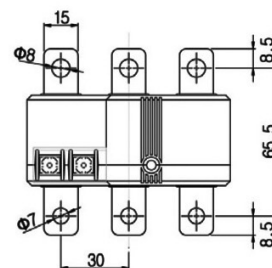
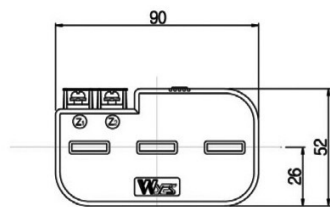
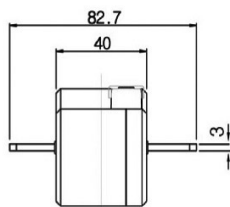
ZERO PHASE CURRENT TRANSFORMER

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영상변류기

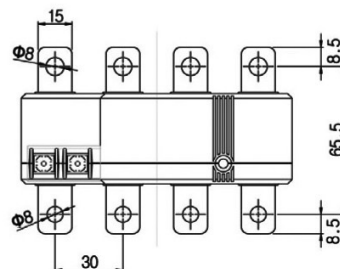
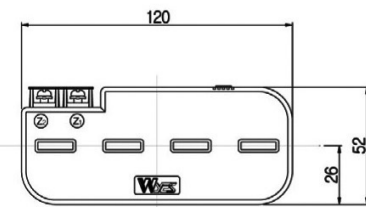
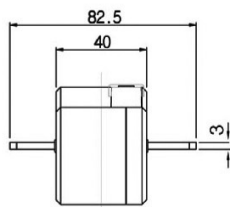
Dimension

Bus-bar일체형  

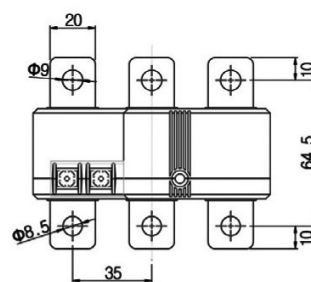
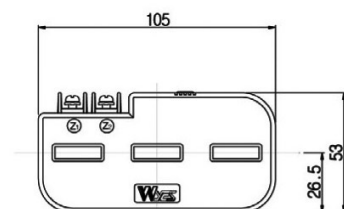
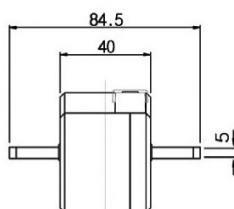
WYZS-103



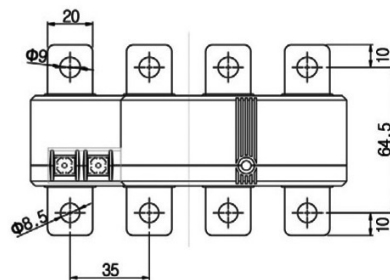
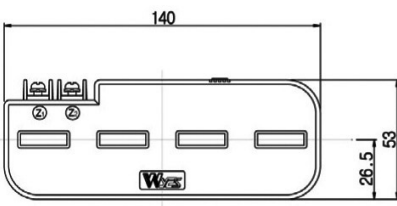
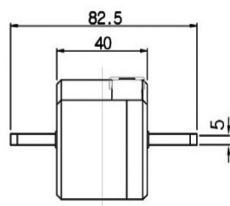
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WYZS-223



WYZS-224



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