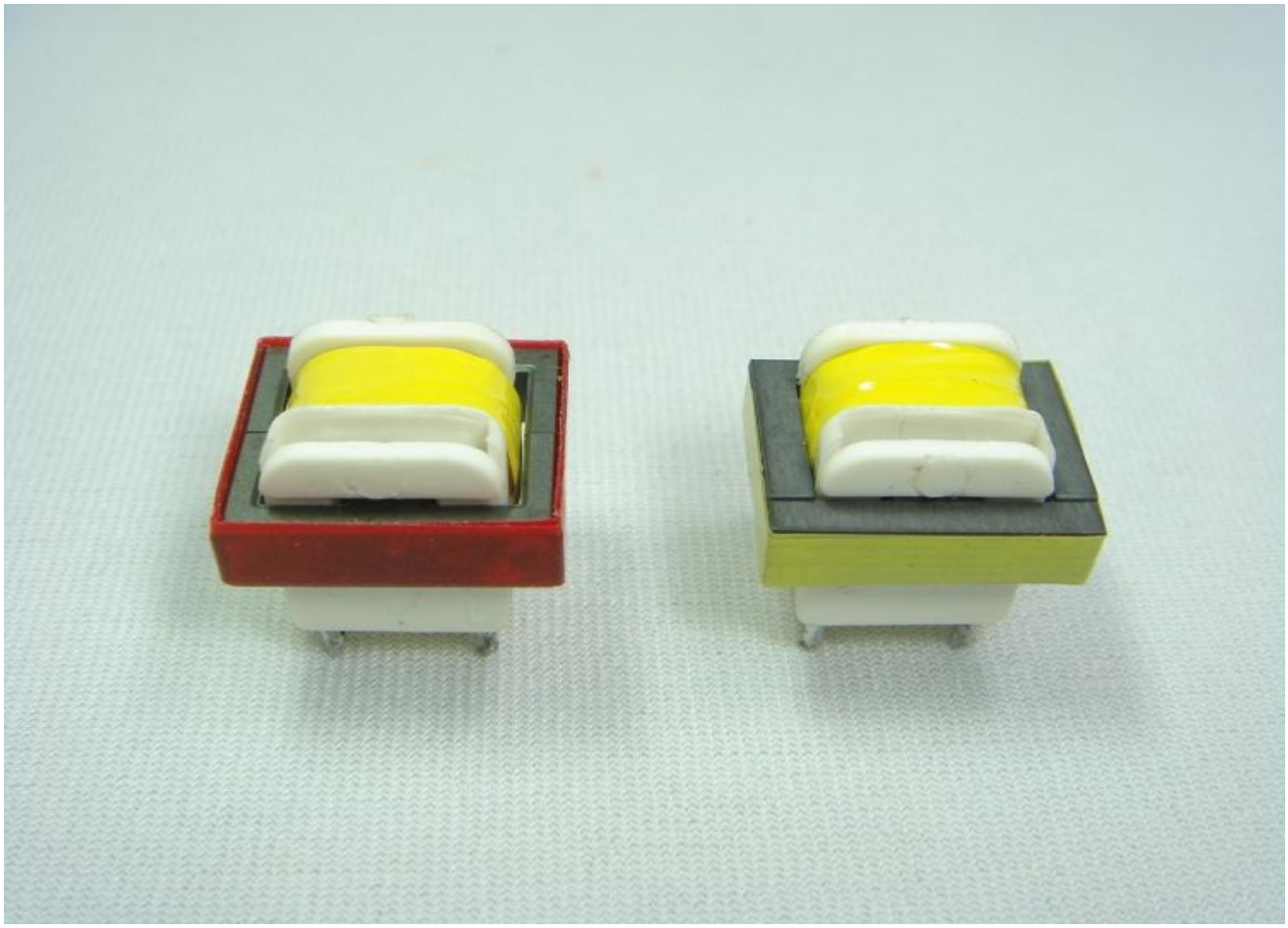
◆◆ PCB 형 전류센서 ◆◆

◎Current Transformer◎

◆FC 시리즈◆



◆FC19P / FC19P1◆

◈적용 ◈특징

○ 가전제품 전류측정/모니터링,계전보호용

○ 각종 다양한 소전력 측정설비/과부하보호

○ 저전력 제어설비/콘트롤러 장비

○ 전력통신설비 & 고속철도전력설비

○ 저전압 전력설비 & 스위칭/보호용

○ 전력측정설비/PLC(파워정밀측정)

○ 태양광/풍력 소형 발전설비

○ 누전차단용/미세전류감지장치/모터&히터보호용

○ 소형사이즈로 다양한 전력설비에 사용

○ 소 전류 모니터링 및 보호용도에 적합

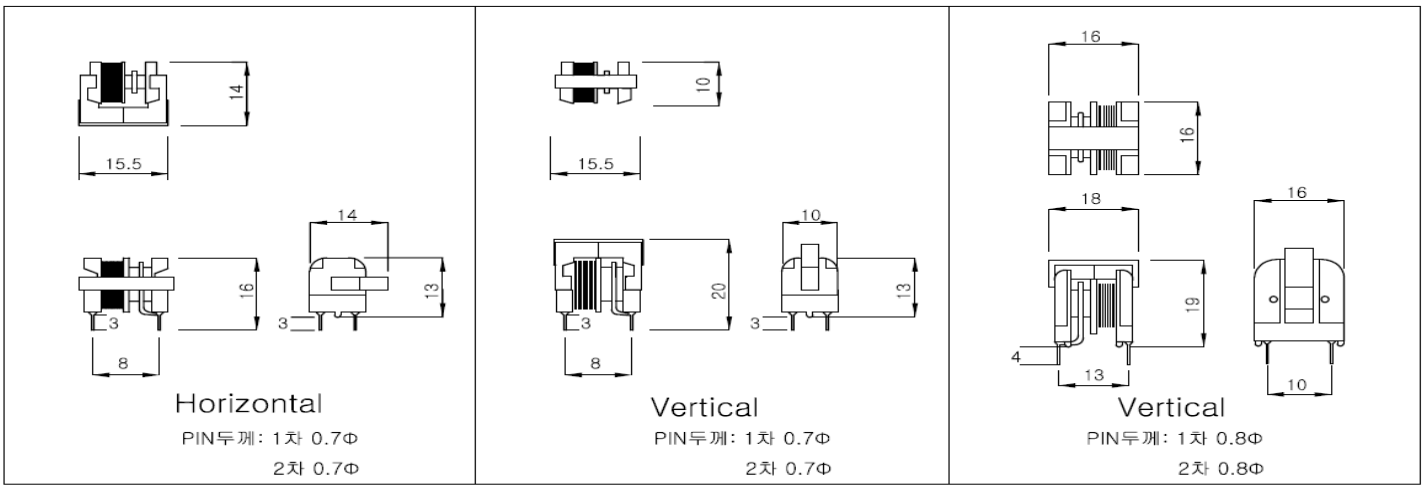
○ 미세전류에서도 고감도 기능

○ 우수한 정밀도(비오차&위상각)대비 저렴한 가격

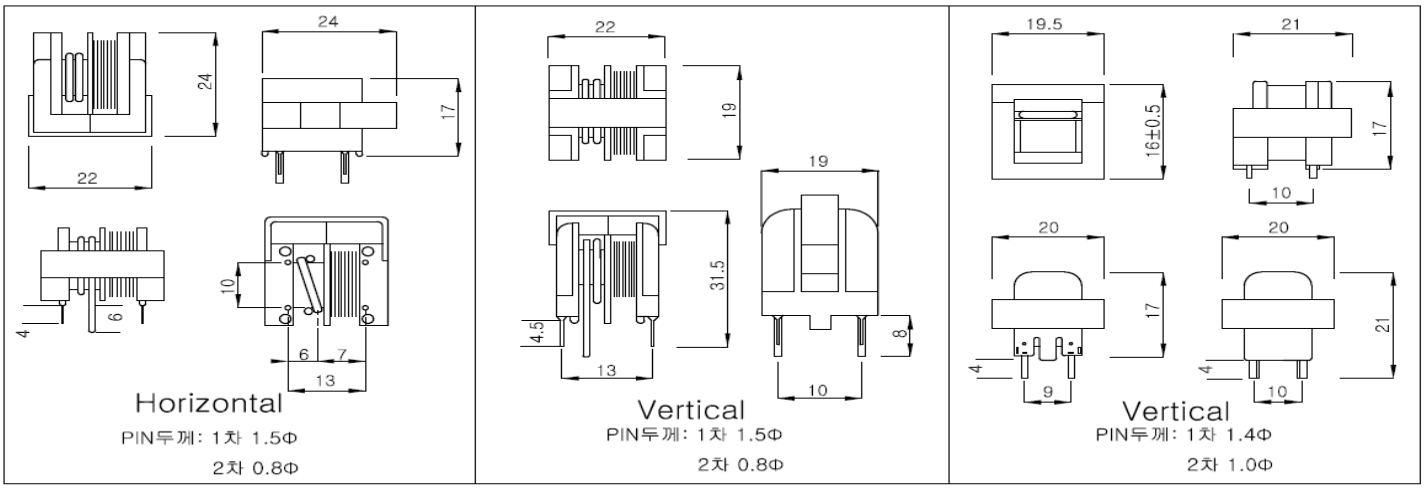
○ PCB 형 타입으로 설치용이

◎표준 도면 및 칫수◎

◆FC 시리즈◆ 단위:mm



FC10P시리즈 FC11P시리즈



FC16P시리즈 FC19P시리즈

PCB TYPE : 1 차 PIN(입력)

2 차 PIN(출력)

◎제품 특성표◎

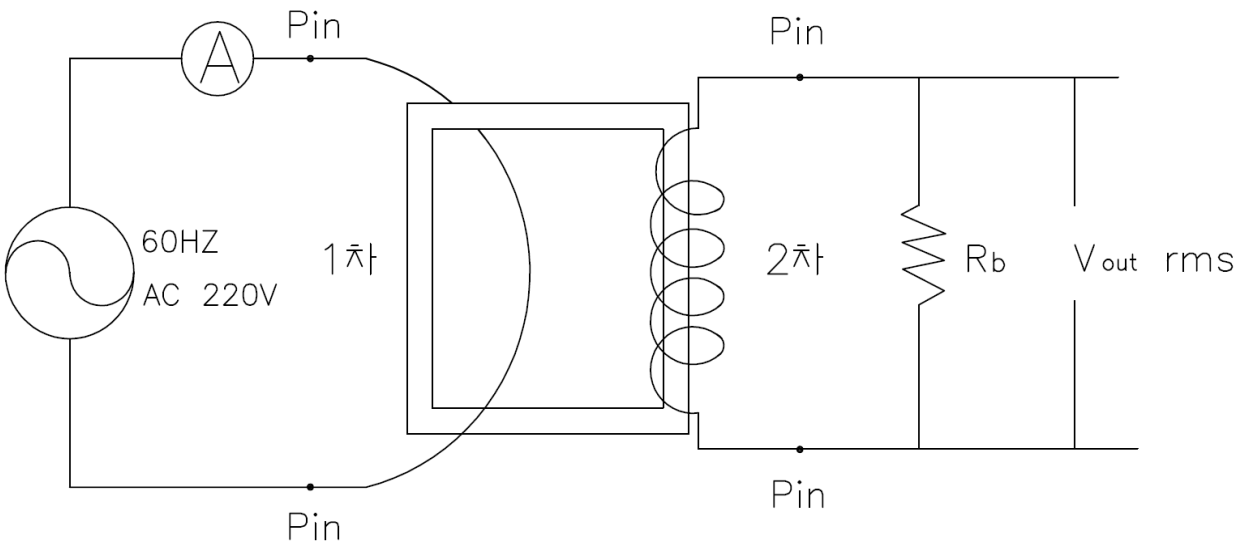
◆FC 시리즈◆

TYPE		제품명	비율	주파수 (Hz)	측정대상 전류범위 (A) MAX	2 차 출력값(mV) (Rms) Rb=5Ω기준	적용허용온도 (℃)
PCB 형	Horizontal	FC10P	1:50	60Hz~1Kz	10mA~1A	AC 0.23mV~23mV	-25˚~80˚
		FC10P1	1:100		10mA~2A	AC 0.24mV~47mV	
	Vertical	FC10P2	1:50		10mA~1A	AC 0.23mV~23mV	
		FC10P3	1:100		10mA~2A	AC 0.24mV~47mV	
		FC11P	1:50		10mA~1A	AC 0.36mV~37mV	
		FC11P1	1:100		10mA~2A	AC 0.37mV~75mV	
		FC11P2	1:200		10mA~4A	AC 0.37mV~150mV	
	Horizontal	FC16P	2:100		10mA~2A	AC 0.85mV~170mV	
		FC16P1	2:200		10mA~5A	AC 0.5mV~250mV	
		FC16P2	2:300		10mA~10A	AC 0.35mV~350mV	
	Vertical	FC16P3	2:100		10mA~2A	AC 0.85mV~170mV	
		FC16P4	2:200		10mA~5A	AC 0.5mV~250mV	
		FC16P5	2:300		10mA~10A	AC 0.35mV~350mV	
내전압 테스트					OK ThruAC 1KV Per1min		
직진성/선형성(비오차) %					±2%이내		
위상 지연오차(위상각) °					300′(5°)이내		

TYPE		제품명	비율	주파수 (Hz)	측정대상 전류범위 (A) MAX	2 차 출력값(mV) (Rms) Rb=5Ω기준	적용허용온도 (℃)
PCB 형	Horizontal	FC19P	1:1000	10Hz~2Kz	5mA~15A	AC 0.025mV~75mV	-25˚~80
		FC19P1			10mA~20A	AC 0.05mV~100mV	
내전압 테스트					OK Thru AC 1KV Per1min		
직진성/선형성(비오차) %					±0.5%이내		
위상 지연오차(위상각) °					120′(2°)이내		

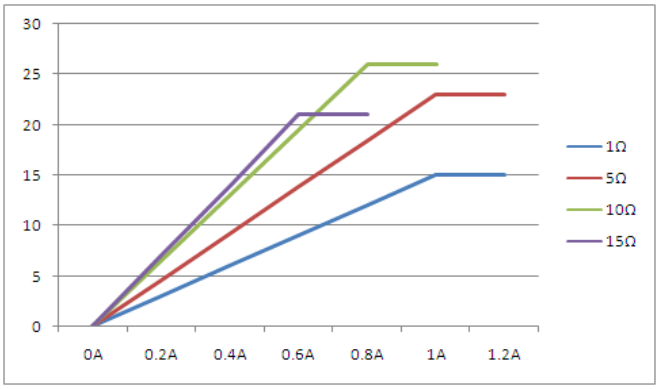
◎테스트 조건◎

◆FC 시리즈◆

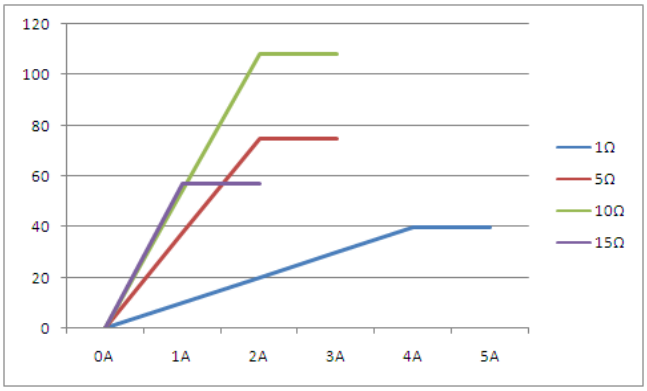


◎출력 특성 그래프◎

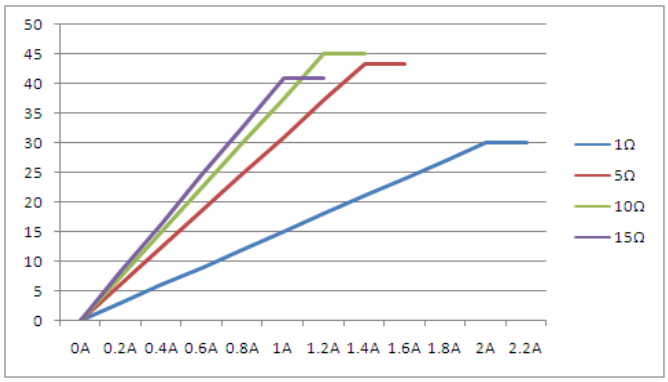
◆FC 시리즈◆ **●테스트조건:** **●주**파수:60hz ●2 차출력단위:mV(AC) rms ● 2 차 저항: (1Ω / 5Ω / 10Ω / 15Ω)



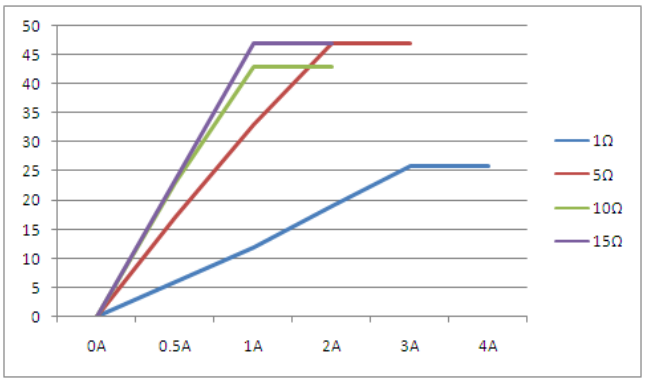
◆ FC10P / FC10P2 ◆



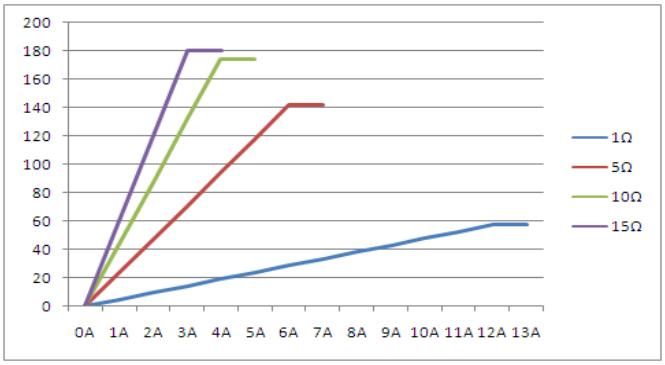
◆ FC10P1 / FC10P3 ◆



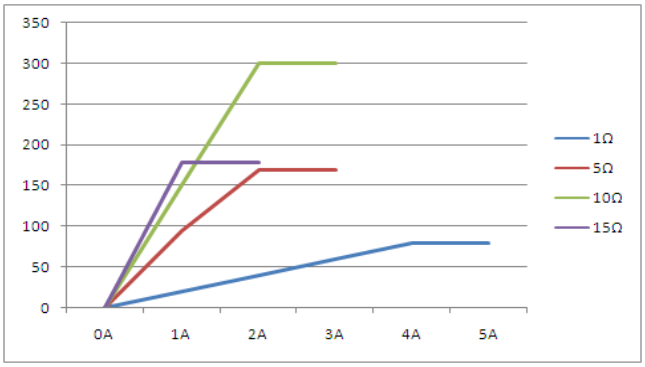
◆ FC11P ◆



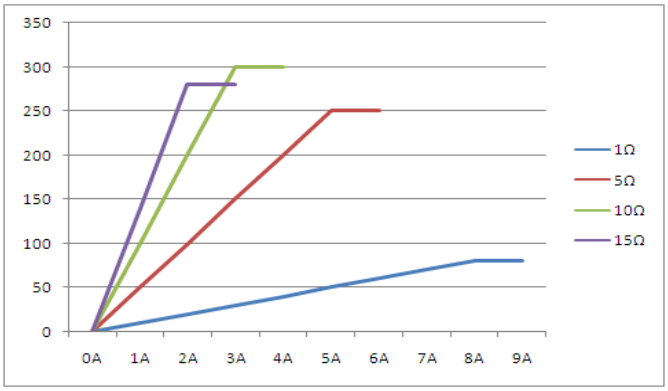
◆ FC11P1 ◆



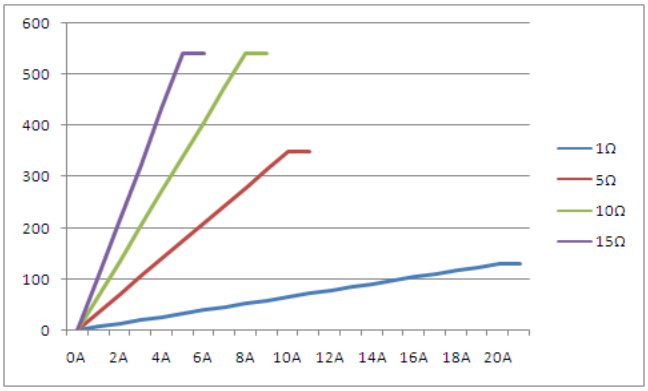
◆ FC11P2 ◆



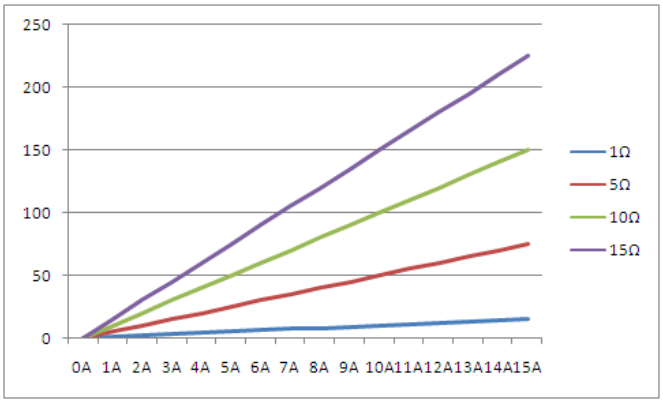
◆ FC16P / FC16P3 ◆



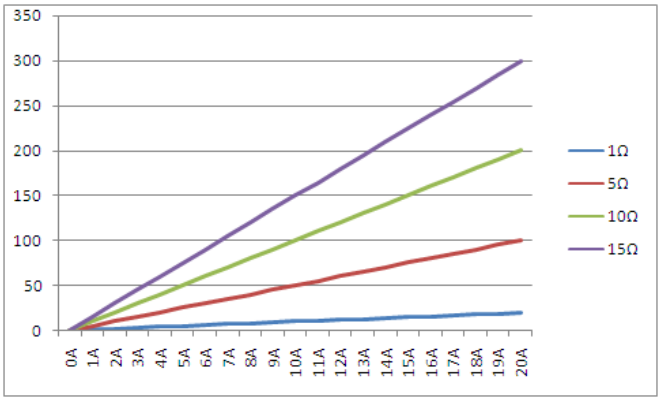
◆ FC16P1 / FC16P4 ◆



◆ FC16P2 / FC16P5 ◆



◆ FC19P◆



◆ FC19P1◆