

Current Transformer (7.2kV)



- 옥내용 (For Indoor)
- Cable or Bus-bar 관통형
(For Cable or Bus-bar Through Type)
- 일반 계기 및 보호 계전기용 (For Metering & Protection)
- Epoxy Mold로 절연특성 강화
(Insulation : Epoxy Vacuum Molding)

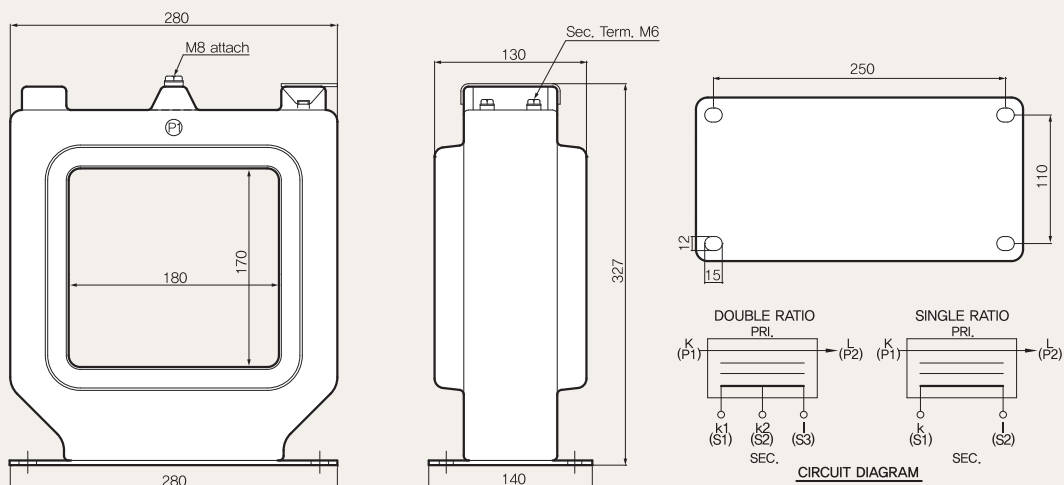
■ For Metering

Type	SH 18	
Standard	KS C 1706	IEC 61869-2
Max. Voltage	7.2 kV	
Insulation Level	7.2 / 22 / 60 kV (6A)	7.2 / 20 / 60 kV
Short time Current Max. kA	40In ~ 40 kA / 1 sec	
Rated Secondary Current	5 or 1 A	
Rated Burden	15 ~ 40 VA	
Accuracy Class	1.0	
Rated Continuous Thermal Current	1.0 In	1.2 In
Frequency	60 Hz (Others on request)	
Weight	≒ 14 kg	

■ For Protection

Type	SH 18 R	
Standard	JEC 1201	IEC 61869-2
Max. Voltage	6.9 kV	7.2 kV
Insulation Level	6.9 / 22 / 60 kV	7.2 / 20 / 60 kV
Short time Current Max. kA	40In ~ 40 kA / 1 sec	
Rated Secondary Current	5 or 1 A	
Rated Burden	15 ~ 40 VA	
Accuracy Class	1P	5P, 10P
Rated Continuous Thermal Current	1.0 In	1.2 In
Over Current Factor	n > 10 or 20	n > 10 or 20
Frequency	60 Hz (Others on request)	
Weight	≒ 14 kg	

■ Dimension & Drawing



■ Specification

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	SH18	1000~6000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	SH18D	1000,500~6000,3000 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	SH18R	1500~6000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		3000~6000 / 5	—	—	1P	40	10	5P/10P	30	10	
			—	—	1P	15	20	5P/10P	15	20	
	SH18DR	1500,750~6000,3000 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		3000,1500~6000,3000 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
			—	—	1P	15	20/10	5P/10P	15	20/10	

※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부담, 과전류 정수 등의 사양변경에 따라 다양한 생산도 가능합니다.

Can manufacture the products based on IEEE C 57.13 standards, and also Can manufacture the various products by change of specification, such as the Accuracy class, Burden and Over-current factor.

※ 단시간 과전류값은 2차측에 정격 부담의 25% 부담을 접속한 상태에서의 보증치입니다.

Short time current being subject to 25% rated burden connection at secondary side for all ratios.

※ 저압 0.23~1.2kV도 생산 가능하며, 제품 주문시 SL18으로 주문 하시길 바랍니다.

Can be manufactured the CT for low voltage of 0.23~1.2kV. To order the SL18.

⚠ SH18 Type 사용시 주의사항

※ 1차 관통 도체가 나도체 일 경우에 변류기 내면에서 10mm 이상을 이격 하십시오.

A gap between P_{ry} conductor and inner side of P_{ry} conductor through-hole shall be absolutely arranged over the distance of 10mm.