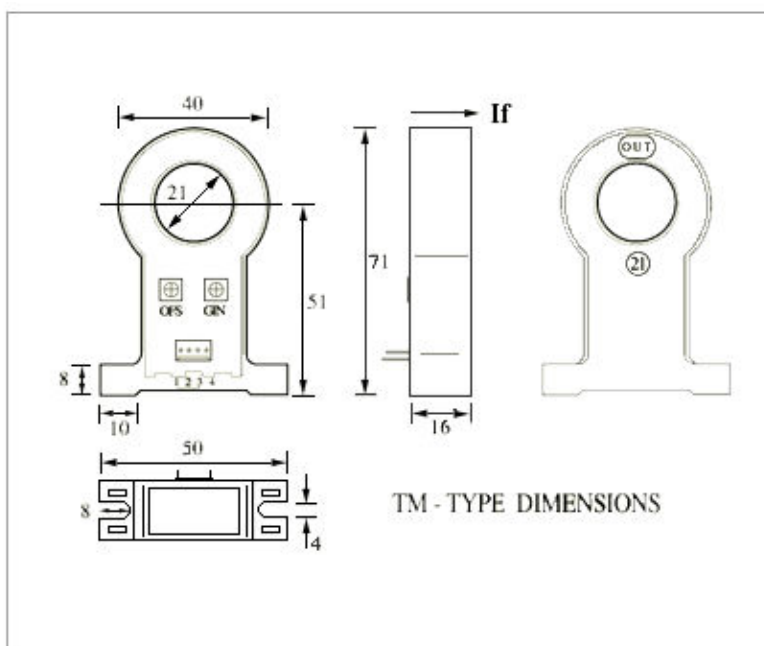


■ PRODUCT CHARACTER


To be inserted in panel The inside area designed 20mm lower from the bottom to the center Wide range of application and outstanding quality

■ DIMENSIONS

■ TM1A,TM2A-TYPE STANDARD SPEC

[Ta=25℃,RL=10KΩ]

Type-code		TM1(2)A 040	TM1(2)A 050	TM1(2)A 100	TM1(2)A 150	TM1(2)A 200	TM1(2)A 300	TM1(2)A 400
Parameter	Symbol							
Rated Current (F.S.)	If	040A	050A	100A	150A	200A	300A	400A
Linear Range		080A	100A	200A	300A	400A	600A	800A
Output Voltage	Vh	±04V±1% at If						
Zero Current Offset	Vo	Within ±20mV at If = 0						
Linearity of Output	ρ	Within ±1.0% of Vh at If : F.S.						
Supply Voltage	Vc	±12V or ±15V ±5%						
Response Time	Tr	5μsec Max. at di/dt = F.S./μsec						
Frequency Range	f	DC ~ AC20KHz and 30KHz Max.						
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.						
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.						
Dielectric Strength		2.5KV AC with 60Hz × 1minute 관통부 내측-신호핀 간						
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간						
Operating Temp.	Ta	-10 ~ +80℃						
Storage Temp.	Ts	-25 ~ +85℃						
Note		TM1A PINOUT (1)+V (2)0V (3)-V (4)OUTPUT CONNECTOR : Molex 社, 5045-04A				TM2A PINOUT (1)+V (2)-V (3)OUTPUT (4)0V CONNECTOR : Molex 社, 5045-04A		

■ TM1S, TM2S-TYPE STANDARD SPEC

[Ta=25℃, RL=10KΩ]

Type-code		TM1(2)S 040	TM1(2)S 050	TM1(2)S 100	TM1(2)S 150	TM1(2)S 200	TM1(2)S 300
Parameter	Symbol						
Rated Current (F.S.)	If	40A	50A	100A	150A	200A	300A
Linear Range		80A	100A	200A	300A	400A	600A
Output Voltage	Vh	+04V±1% at If					
Zero Current Offset	Vo	NO OUTPUT +50mV at If					
Linearity of Output	ρ	Within ±1.5% of Vh at If : F.S.					
Supply Voltage	Vc	±12V or ±15V ±5%					
Response Time	Tr	20μsec Max. at di/dt = F.S./μsec			20μsec Max. at di/dt = F.S./μsec		
Frequency Range	f	DC ~ AC10KHz and 15KHz Max.			DC ~ AC5KHz and 10KHz Max.		
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.					
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.					
Dielectric Strength		2.5KV AC with 60Hz × 1minute 관통부 내측-신호핀 간					
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간					
Operating Temp.	Ta	-10 ~ +80℃					
Storage Temp.	Ts	-25 ~ +85℃					
Note		TM1S PINOUT (1) +V (2) 0V (3) 0V (4) OUT Connector : Molex 5045-04A			TM2S PINOUT (1) +V (2) 0V (3) OUT (4) 0V Connector : Molex 5045-04A		

■ TM1D, TM2D-TYPE STANDARD SPEC

[Ta=25℃, RL=10KΩ]

Type-code		TM1(2)D 040	TM1(2)D 050	TM1(2)D 080	TM1(2)D 100	TM1(2)D 120	TM1(2)D 150	TM1(2)D 200
Parameter	Symbol							
Rated Current (F.S.)	If	040A	050A	080A	100A	120A	150A	200A
Linear Range		060A	075A	120A	150A	180A	225A	300A
Output Voltage	Vh	±04V±1% at If						
Absolute Output Voltage	Vab	ab04V±1% at Vh						
Zero Current Offset	Vo	Within ±20mV at If = 0						
Linearity of Output	ρ	Within ±1.0% of Vh at If : F.S.						
Supply Voltage	Vc	±12V or ±15V ±5%						
Vh - Response Time	Tr	7μsec Max. at di/dt = F.S./μsec						
Vab - Response Time		25μsec Max. at di/dt = F.S./μsec and non capacity						
Frequency Range	f	DC ~ AC5KHz and 25KHz Max.						
Output Voltage Temperature Coef.		Within ±0.1% / °C Max.						
Zero Offset Voltage Temperature Coef.		Within ±1.0mV / °C Max.						
Dielectric Strength		2.5KV AC with 60Hz × 1minute 관통부 내측-신호핀 간						
Insulation Resistance		500[MΩ]Min. at 500V DC 관통부 내측-신호핀 간						
Operating Temp.	Ta	-10 ~ +80℃						
Storage Temp.	Ts	-25 ~ +85℃						
Note		TM1D PINOUT (1)+V (2)0V (3)-V (4)A'-OUT (5)'D'-OUT CONNECTOR : Molex 社, 5045-05A				TM2D PINOUT (1)+V (2)-V (3)'A'-OUT (4)0V (5)'D'-OUT CONNECTOR : Molex 社, 5045-05A		