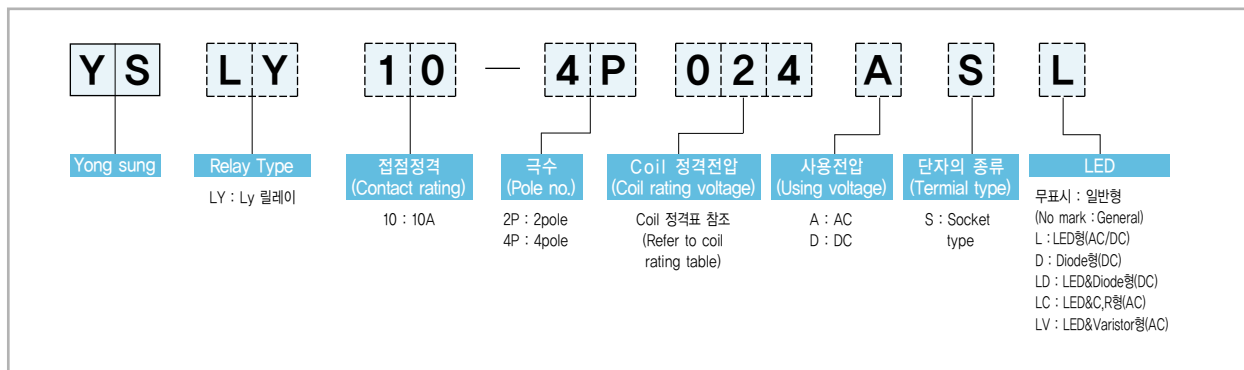


형식 구분도 | Type Classification Diagram |



특징 | Features |

- LED 내장형, 다이오드 내장형, VARISTOR 내장형, C·R회로 내장형 등 다양한 종류의 선택이 가능합니다.
- 소형 경량이므로 복잡한 제어회로에 적용 가능합니다.
- Various built-in type is available. (LED, Diode, Varistor, C,R circuit)
- Light and small-sized type for applying to complicated control circuit.

사용상의 주의사항 | Remark in Use |

- DC용은 결선 시 극성에 유의하십시오.
- DC 정격은 완전 직류치를 표시한 것입니다.
- Double-check with polarity when wiring for DC use.
- DC rating indicates constant-direct current value.

성능 개요 | Performance Summary |

접촉저항 (Contact resistance)		50mΩ 이하 (초기치)
절연저항 (Insulation resistance)		100MΩ 이상 (DC 500V Meg)
내전압 (Withstand voltage)	단자상호간 (Between contact)	AC 1,000V/Min (50~60Hz)
	단자와 절연물간 (Between charging part and non-charging part)	AC 2,000V/Min (50~60Hz)
기계적 수명 (Mechanical lifetime)		above 3,000,000times
전기적 수명 (Electrical lifetime)		above 200,000times
동작시간 (Operating time)		below 20ms
복귀시간 (Return time)		below 20ms
내진동 (Withstand vibration)		10~55Hz double amplitude 1.0mm
최대개폐빈도 (Max. Switching frequency)	기계적 (Mechanical)	300 times/min
	전기적 (Electrical)	30 times/min
사용주위온도 (Ambient temperature)		-25℃ ~ +40℃
상대습도 (Relative humidity)		45 ~ 85%

코일 정격 | Coil Rating |

	정격전압(V) (Rating voltage)	정격전류(mA) (Rating current)		COIL 저항(Ω) (Coil resistance)	소비전력(VA, W) (Power Consumption)		동작전압(V) (Operation voltage)	복귀전압(V) (Return voltage)	최대허용전압(V) (Max. allowable voltage)
AC	24	93.6	80	78	2.25	1.92	below 80%	above 30%	110%
	100/110	22.5/25.5	19.0/21.8	1,800	2.25/2.81	1.90/2.40			
	200/220	12.5/14.3	11.8/13.4	6,700	2.50/3.15	2.36/2.95			
DC	24	69		350	1.66			above 10%	
	48	30		1,600	1.44				
	110	15.9		6,900	1.75				
	125	12.0		10,400	1.50				
	220	6.9		32,000	1.52				

- ※주 1. 정격전류의 허용범위는 20℃에서 +15%, -20%입니다.
 2. 코일저항은 허용범위는 20℃에서 ±15%입니다.
 3. 코일특성은 20℃에서의 수치입니다.
 4. 상기 수치는 일반형에 대한 코일정격입니다.

- ※Note 1. Allowable range of rated current (at 20℃) : +15%, -20%
 2. Allowable range of coil resistance (at 20℃) : ±15%
 3. Coil characteristic is specified at 20℃.
 4. Above data indicates coil resistance based on general type.

접점 정격 | Contact Rating |

정격 절연전압(Ui) (Rating insulation voltage)			AC 250V, DC 250V		
정격 통전전류(Ith) (Rating conductive current)			10A		
최대 개폐전류 (Max. switching current)			10A		
교류 (AC)	정격 전압(Ue) (Rating voltage)		24V	110V	220V
	정격 전류(Ie) (Rating current)	저항부하 (Resistance load) cosØ = 1	10A	10A	5A
		유도부하 (Inductive load) cosØ = 0.4	10A	7.5A	3.75A
	최대 개폐용량 (Max. Switching capacity)	저항부하 (Resistance load) cosØ = 1	1,100VA		
		유도부하 (Inductive load) cosØ = 0.4	825VA		
직류 (DC)	정격 전압(Ue) (Rating voltage)		24V	110V	220V
	정격 전류(Ie) (Rating current)	저항부하 (Resistance load)	10A	2.2A	1.1A
		유도부하 (Inductive load) L/R = 7ms	5A	1.1A	0.54A
	최대 개폐용량 (Max. Switching capacity)	저항부하 (Resistance load)	240W		
		유도부하 (Inductive load) L/R = 7ms	120W		

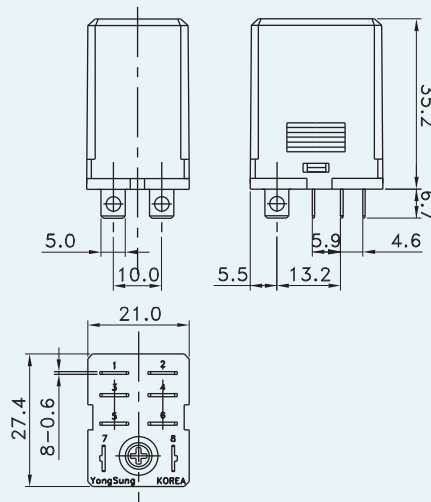
- ※주 1. 개폐전류의 최대치는 10A입니다.

- ※Note 1. Maximum switching current is 10A.

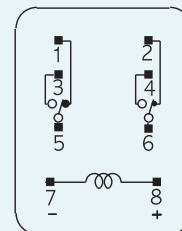
외형 / 치수도 | Shape / Dimension Drawing

(unit : mm)

YSLY10-2P



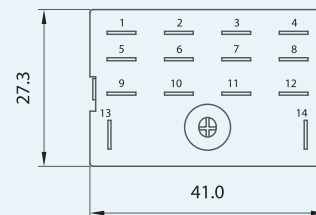
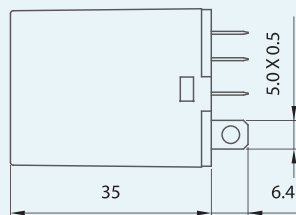
내부 결선도
(Inside Connection Diagram)



YSLY10-2P

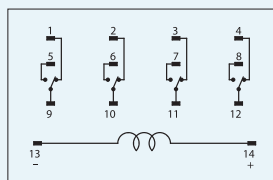
적용소켓 : YSSKLY-2
(Applied socket : YSSKLY-2)

YSLY10-4P

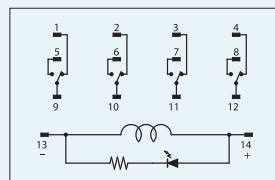


내부 결선도 | Inside Connection Diagram

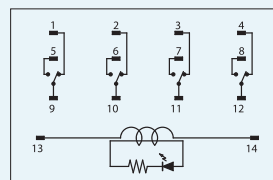
YSLY10-4P



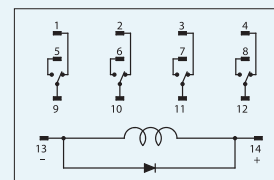
YSLY10-4P L(DC)



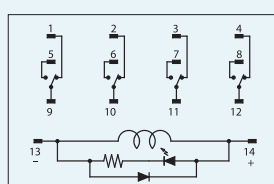
YSLY10-4P L(AC)



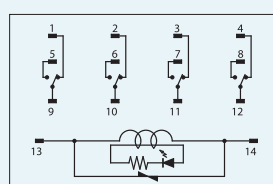
YSLY10-4P D(DC)



YSLY10-4P LD(DC)



YSLY10-4P LV(AC)



YSLY10-4P LC(AC)

