

Ø16 시리즈

3-2

YS 16 시리즈 YS 16 Series

스위치 특징 및 구조 | Feature and Structure of Switch |

- 판스프링 구조로 되어 있습니다. 순간적인 작동으로 ARC에 의한 접점 소손 방지
- 몸체가 투명합니다. 작동유무가 확인됩니다.
- Consist of plate spring structure. Protecting contact from burning caused by Arc.
- Body is transparent. Can verify whether operated or not.

Ø16
시리즈

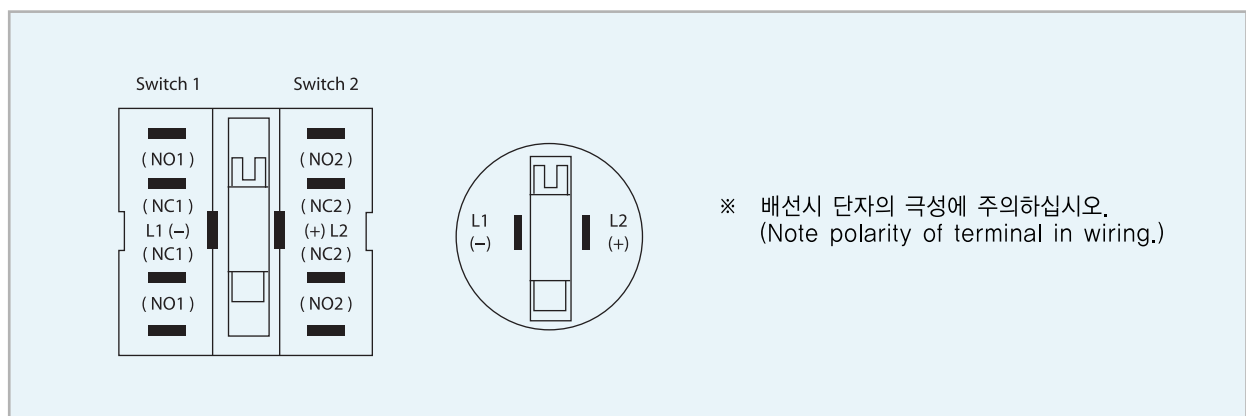
스위치 개요 | Performance Summary of Switch |

정격용량 (Rated capacity)	AC 250V 3A (Resistive Load)	
절연저항 (Insulation resistance)	Above 100MΩ (DC 500V, Meg)	
접촉저항 (Contact resistance)	Below 50mΩ (Initial value)	
내전압 (Withstand voltage)	단자와 접지(Ground connection with block) : AC 1,500V/min, 동극단자(Homopolar block) : AC1,000V/min	
기계적수명 (Mechanical lifetime)	Spring return	Above 500,000 times
	Lock type	Above 200,000 times
전기적수명 (Electrical lifetime)	Above 100,000 times (20 times/min)	

스위치 부품 재질 | Part Materials of Switch |

부품 (Part)	재질 (Materials)
몸체 (Body)	PC 수지 (Polycarbonate resin)
접점 (Contact)	은 (silver)
고정단자 (Fixed terminal)	황동 (Brass)
가동단자 (Moving terminal)	베릴륨동 (Beryllium copper)
스프링 (Spring)	Stainless steel

단자 배치 (내부 접속) | Terminal Arrangement (Inside Connection) |

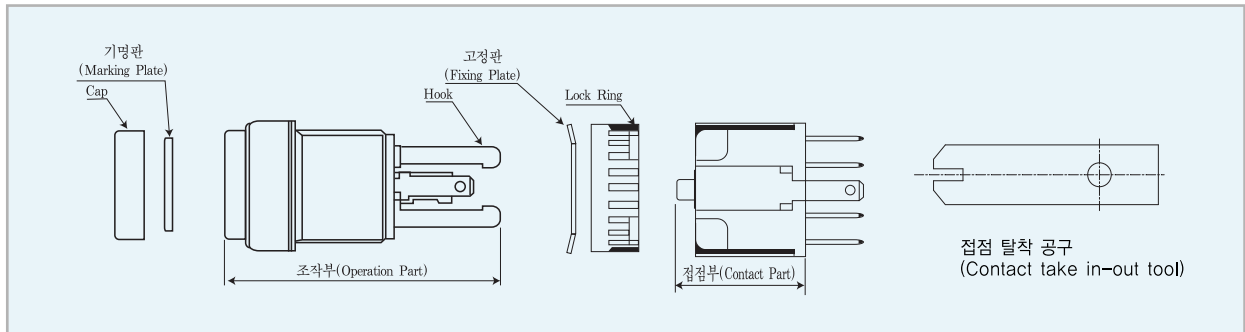


제품 특징 및 구조 | Features and Structure of Product |

- 조작부와 접점부가 분리형으로 되어 있습니다. (원터치 탈착방식)
- 별도의 Lock Ring을 사용합니다. (보수 및 교체가 편리)
- 접점부는 판 스프링 구조로 되어 있습니다. (작동유무가 확인되며, 순간적인 작동으로 Arc에 의한 접점소손방지)
- 누름 버튼, 조광형 및 표시등은 기명판을 교환하게 되어 있습니다. (기명판에 문자각인하여 사용 가능)
- Operation part and contact part are consist of separate type. (One touch transfer type.)
- Using separate lock ring. (Easy for repair and replacement.)
- Contact part is consist of plate spring structure.
(Can verify whether operated or not, and protect contact from burning caused by Arc of instant operation)
- Push button switch, illuminated push button switch and pilot lamp can be replaced by marking plate.
(Possible to engrave on marking plate.)

Ø16
시리즈

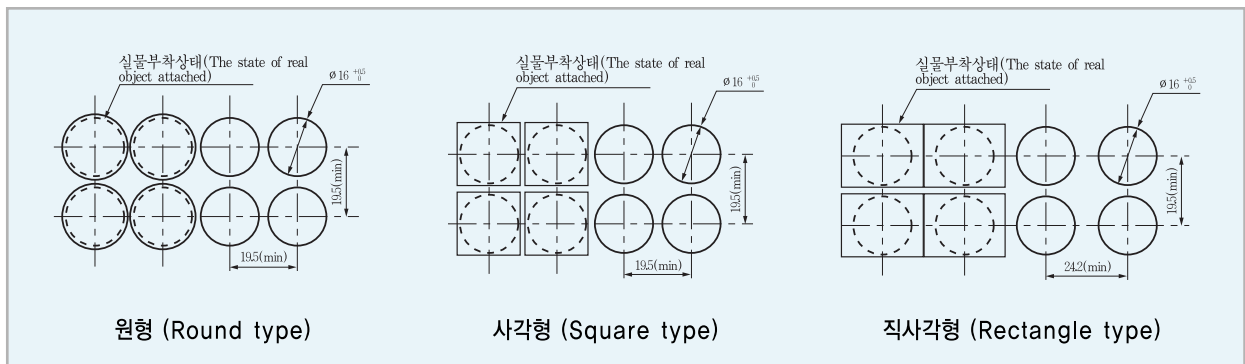
취급 설명서 | User Guide |



1. Hook부를 벌려서 접점부를 분리합니다.
 2. Lock Ring를 빼낸 후 조작부를 판넬에 삽입시키고, 다시 Lock Ring으로 고정합니다.
 3. 접점부를 다시 조작부에 조립시에는 접점부의 형상과 조작부의 형상에 맞추어 끼운 후 딸깍 소리가 나면 결합이 된 상태입니다.
 4. 조립후 고정상태를 확인하십시오.
1. Separate contact part by widening hook part.
 2. After removing lock ring, insert operation part into the panel and fix it once again with Lock Ring.
 3. When attaching contact part to operation part between the Side of contact part and the side of operation part again, if you hear "Clack" it is a perfectly assembled.
 4. Double-Check with it.

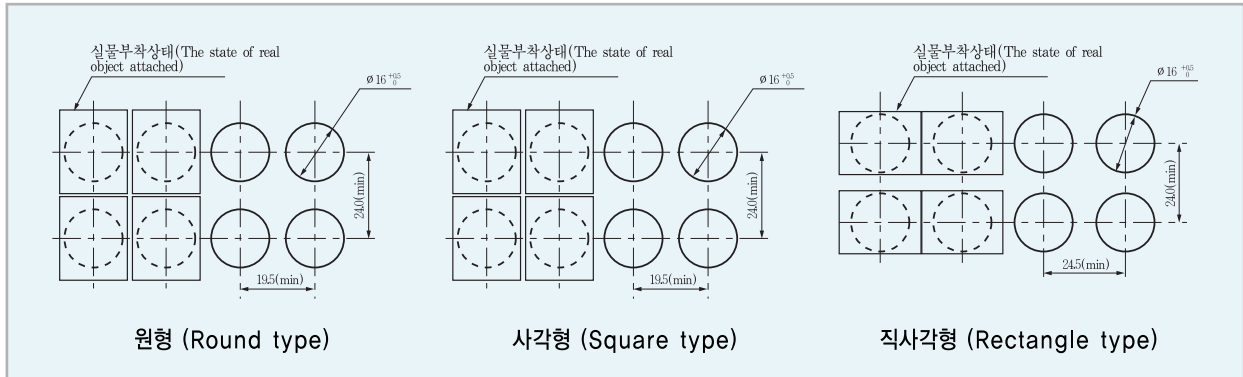
판넬 가공 치수 | Cut-out Dimension |

(unit : mm)



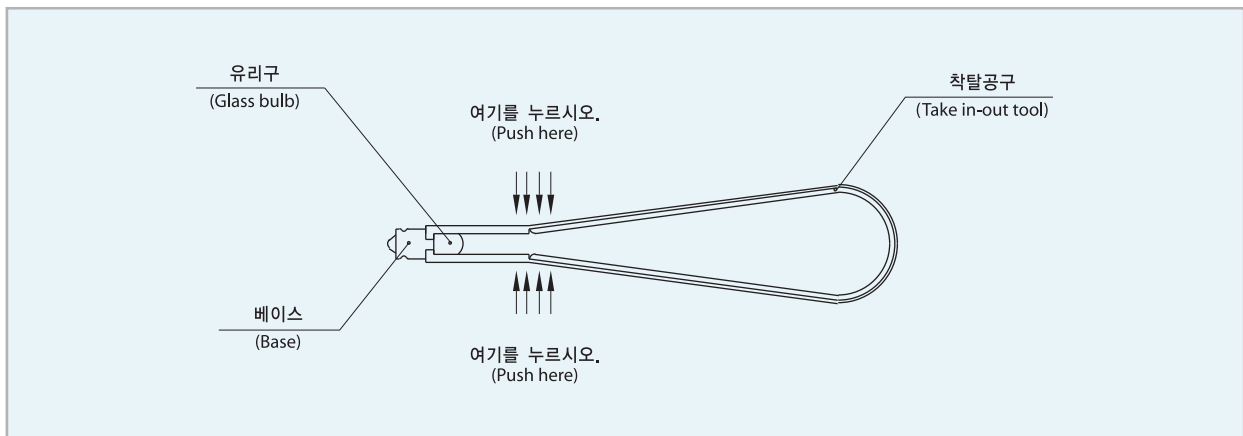
Ø16 시리즈

보호 카바 부착형 | Protection Cover Attachment Type |



Ø16
시리즈

램프 교체 방법 | Lamp Replacement Method |



- 전구 착탈 공구 사용 방법 (그림 참조) 1. 공구를 최대한 밀어 넣는다 (전구 베이스까지).
2. 공구의 최대한 앞부분을 잡아 뽑는다.

- How to use Lamp Remover (Refer to the picture) 1. Push and insert remover utmostly. (To lamp base)
2. Pull out the utmost forepart of remover.

- (주의사항) 1. 최대한 밀지 않고(베이스까지) 유리구를 잡게 될 경우 유리구가 파손될 수 있음.
2. 공구의 손잡이의 뒤를 잡을 경우 전구 이탈이 발생할 수 있음.

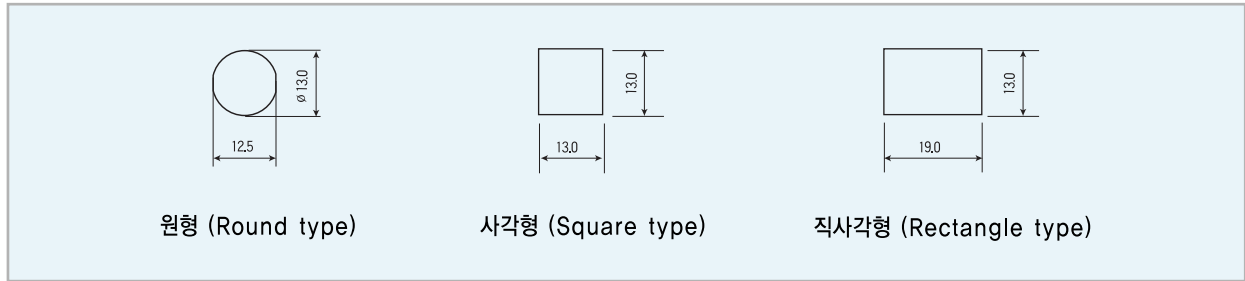
- (Note) 1. Glass bulb may be damaged if picked up glass bulb without pushing down enough to base.
(To lamp base).
2. Bulb may not be taken out if holding the rear part of remover.

램프 정격 | Lamp Rated |

형식 (Type)	전전압식 (Overall-voltage type)			LED Type		
성능 (Performance)						
정격전압 (Rated voltage)	AC/DC 6V	AC/DC 12V	AC/DC 24V	AC/DC 6V	AC/DC 12V	AC/DC 24V
램프정격 (Lamp rated)	6V1W	14V1W	28V1W	40mA	40mA	20mA

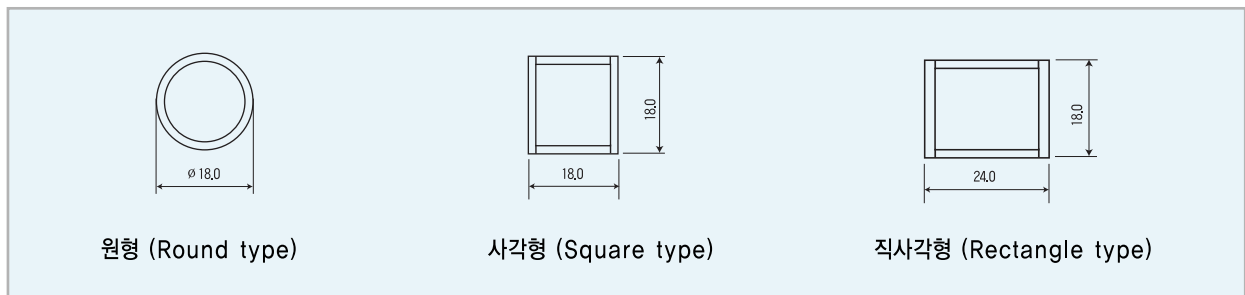
기명판 치수 | Size of Marking Plate |

(unit : mm)



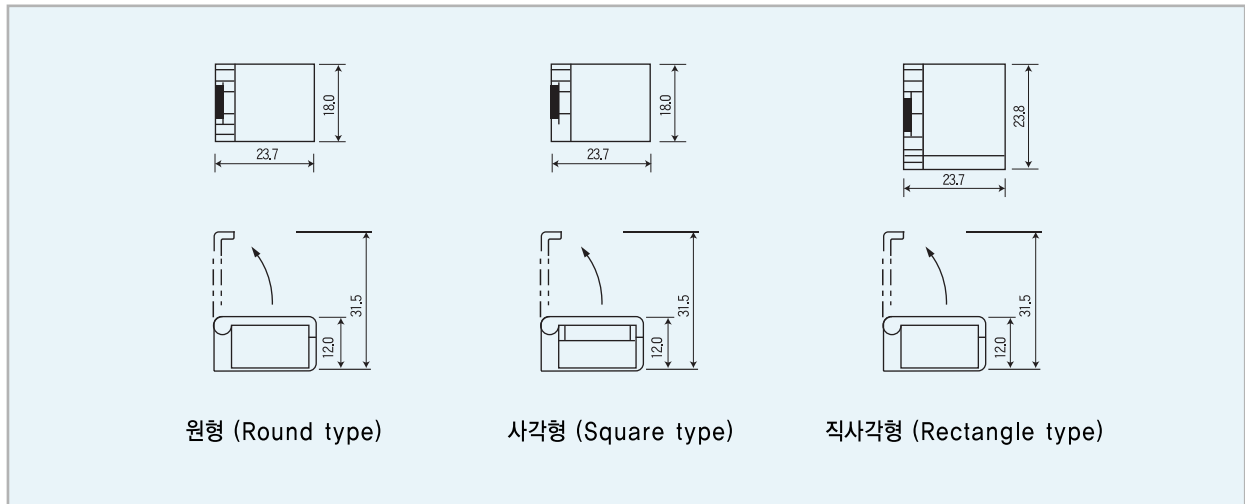
외형의 형태 | Type of Shape |

(unit : mm)

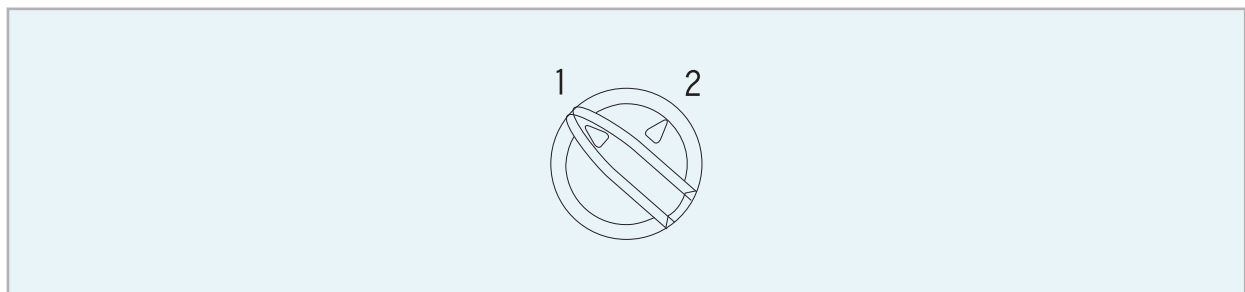


보호 카바 | Protection Cover |

(unit : mm)



로타리 스위치 손잡이 동작 방향도 | Directional Diagram of Handle Action of Rotary Switch |



Ø16 시리즈

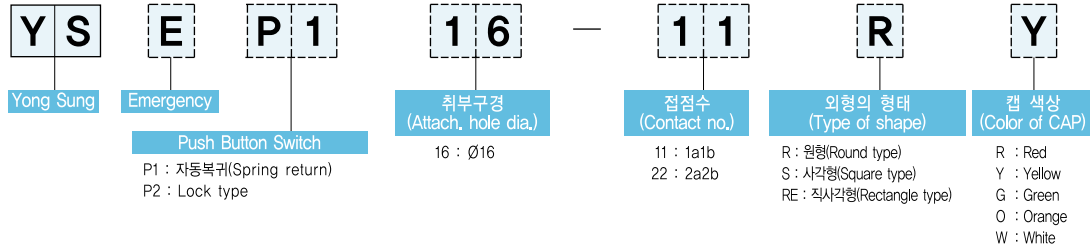
3-2-1

누름 버튼 / 비상 누름 버튼 스위치

Push Button / Emergency Push Button Switch



형식 구분도 | Type Classification Diagram |



※ EP type은 원형만 생산됩니다. (EP type is manufactured into the shape only of a circle type.)

3-2-2

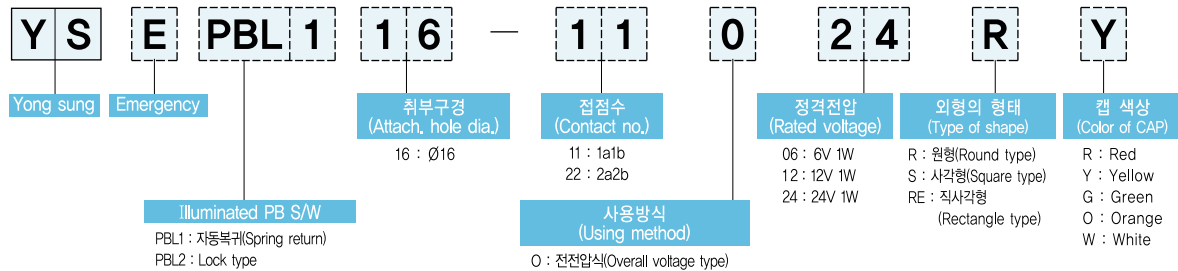
조광형 / 비상 조광형 누름 버튼 스위치

Illuminated / Emergency Illuminated Push Button Switch



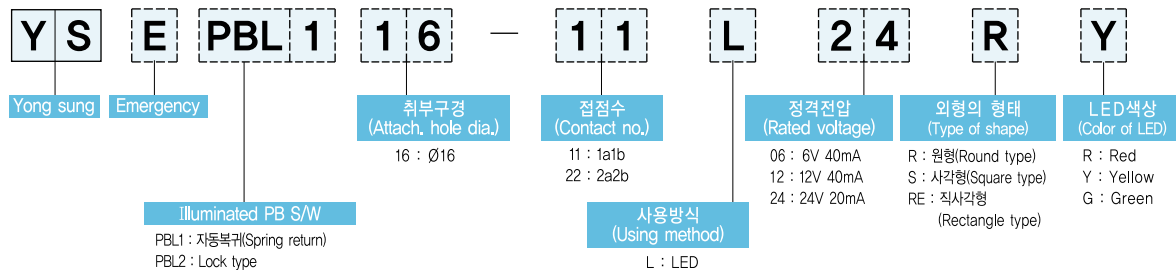
형식 구분도 | Type Classification Diagram |

BULB TYPE



※ EPBL type은 원형만 생산됩니다. (EPBL type is manufactured into the shape only of a circle type.)

LED TYPE



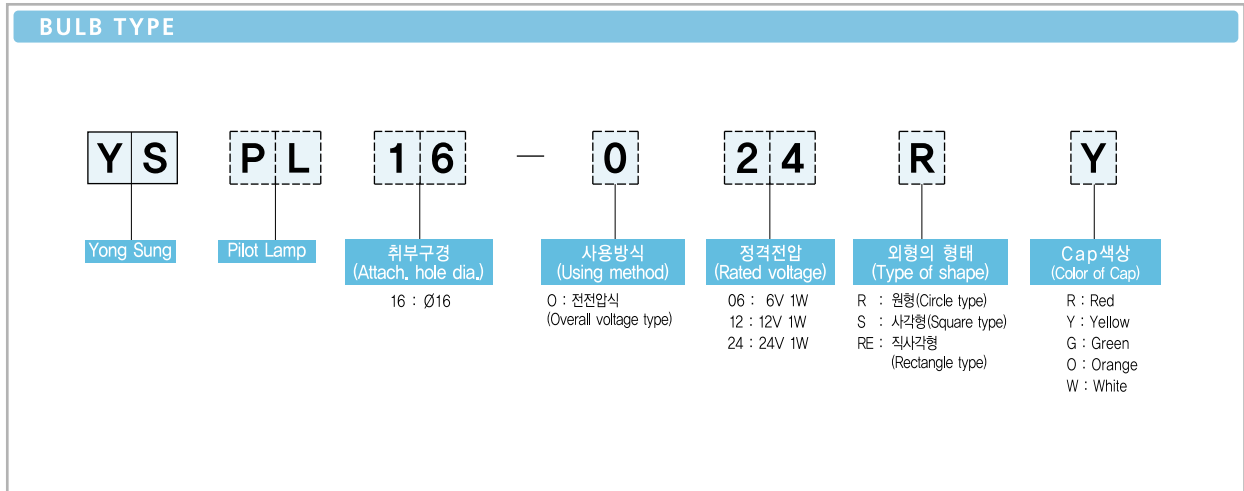
※ EPBL type은 원형만 생산됩니다. (EPBL type is manufactured into the shape only of a circle type.)

3-2-3

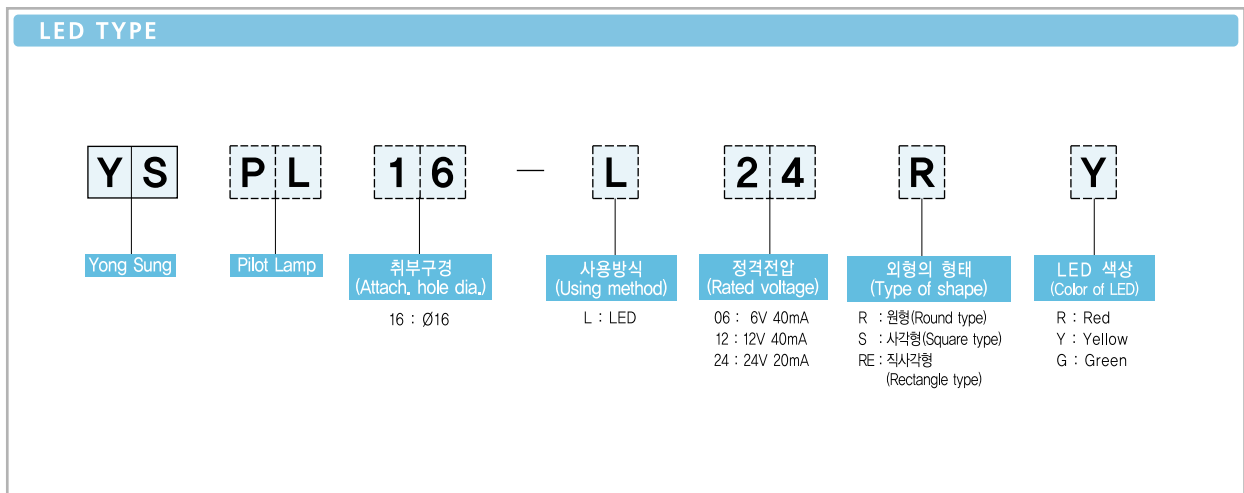
표시등 Pilot Lamp



형식 구분도 | Type Classification Diagram |



Ø16
시리즈



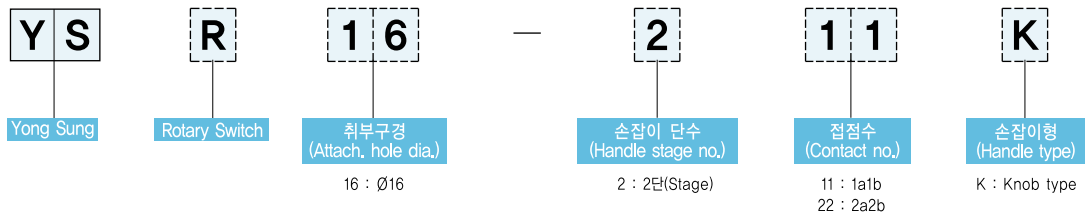
Ø16 시리즈

3-2-4

로타리 스위치 Rotary Switch



형식 구분도 | Type Classification Diagram |

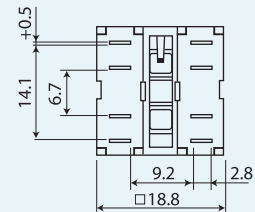
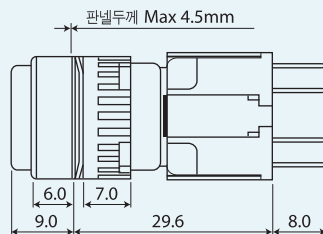


※ 외형 형상은 원형만 생산됩니다.
(The shape is manufactured into the shape only of a circle type.)

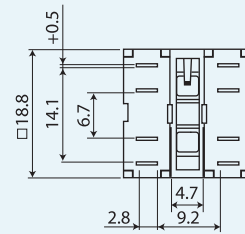
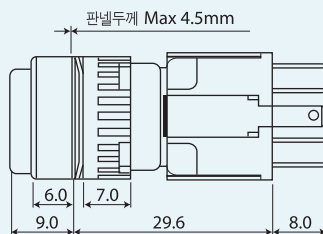
외형 / 치수도 | Shape / Dimension Drawing |

(unit : mm)

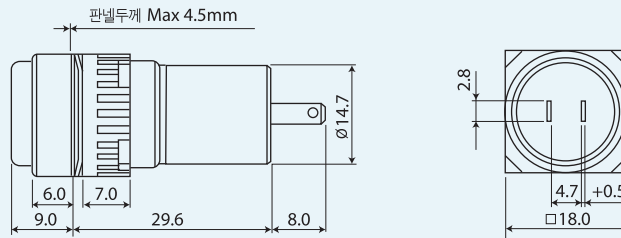
YS P116-11RR



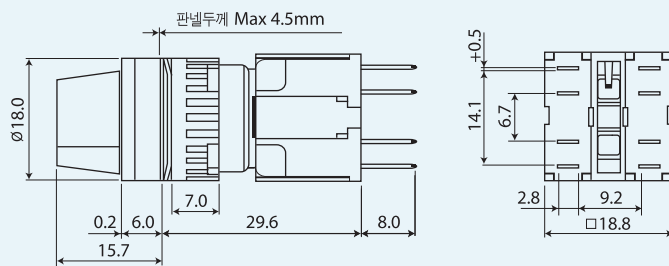
YS PBL116-11-024RR



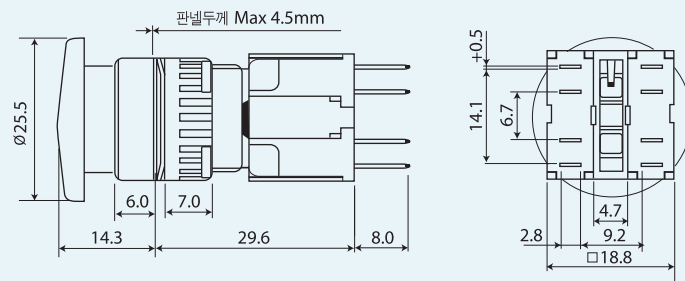
YS PL16-024RR



YS R16-211



YS EPBL116-11-024RR



Ø16
시리즈