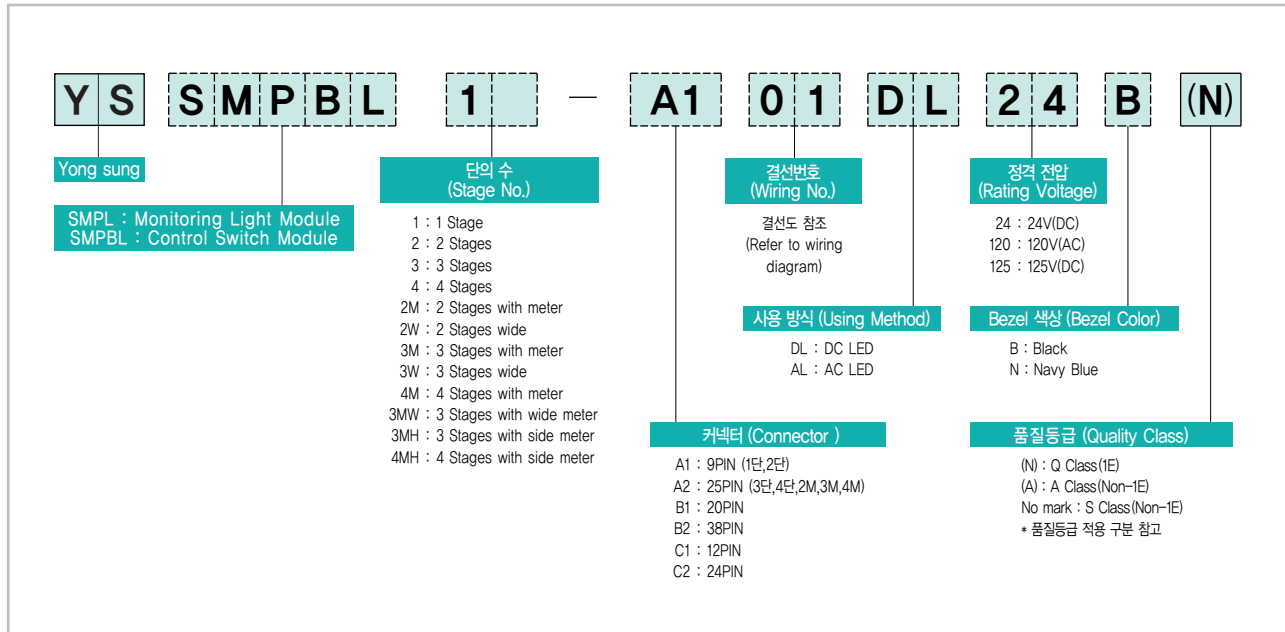


4-1 | 제어용 스위치 모듈 CONTROL SWITCH MODULES

형식 구분도 | Type classification diagram |



특징 | Features |

- IEEE 323(KEPIC END 1100) 적용하여 내환경검증
- IEEE 344(KEPIC END 2000) 적용하여 내진검증
- R.G 1.180 적용하여 전자파 검증
- Environmental qualification by IEEE 323(KEPIC END 1100)
- Seismic qualification by IEEE 344(KEPIC END 2000)
- EMC qualification by Regulatory Guide 1.180

성능 개요 | Performance summary |

절연저항 (Insulation resistance)	100MΩ 이상 (Above 100MΩ), DC 500V MEGGER – 커넥터 핀과 외함(Connector pin to case)
접촉저항(Contact resistance)	50mΩ 이하, 초기치 (Below 50mΩ, initial value)
내전압 (Withstand voltage)	AC 1,500 V / 1min (50 ~ 60Hz) – 커넥터 핀과 외함 (Connector pin to case)
전기적 수명 (Electrical life)	25,000회 (25,000times)
기계적 수명 (Mechanical life)	100,000회 (100,000times)
사용 주위온도 (Ambient temperature)	-5 ~ 50°C (23 ~ 122°F)
상대습도 (Relative humidity)	Max. 95%
압력 (Pressure)	대기압 (Atmospheric)
방사선 (Radiation)	100 Gy (TID)
보관온도 (Storage temperature)	-25 ~ 60°C 결로되지 않는 조건 (Without condensation)

기기검증 조건은 문의 바랍니다. (Please contact us for equipment qualification condition.)

제어용 스위치 모듈 CONTROL SWITCH MODULES

접점 정격 | Contact rating |

정격 절연전압 (Rated insulation voltage) U_i	AC/DC 125V
정격 통전전류 (Rated conductive current) I_{th}	1A
AC 저항부하 (Resistive load)	AC 120V 1A
DC 저항부하 (Resistive load)	DC 30V 1A
유도부하 (Inductive load)	DC 30V 0.5A

단 별 스위치 최대 수량은 4개입니다. (The maximum quantity of switches per stage is 4.)

아날로그 메타 | Analogue meter |

범위 (Range)	기본(Basic) 4-20mA DC, 주문사양(Option) 0-10V, 0-20mA
정확도 (Accuracy)	$\pm 2.0\%$ (전체범위) (Full scale)
눈금 (Scale)	선 (Linear-as required)
지침색 (Pointer color)	적색 (Red)

표시등 | Indicating light |

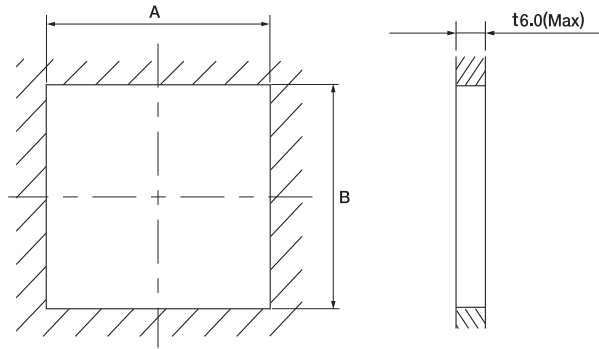
단 별 표시등의 최대 수량 (Maximum quantity of indicating lights per stage)	두 칸으로 구분 (Two redundant)
단 별 LED 수량 (LED quantity per stage)	4
적용 LED (Applied LED)	YSMF0624
LED 색상(LED color)	Red, Green, Yellow, Orange(Amber), White
단 별 소비전력 (Power consumption per stage), Max.	DC 24V : 0.5W, DC 125V : 1.5W, AC 120V : 1.8VA
LED 수명 (Life time)	100,000 hr

부품 재질 | Part materials |

부품 (Part)	재질 (Materials)
커버 (Cover)	스테인리스 강 (Stainless steel)
부착판 (Mounting plate)	탄소강 (Carbon steel)
부착볼트 (Mounting bolt)	스테인리스 강 (Stainless steel)
명판 (Name plate)	PC (Polycarbonate) resin

판넬 가공 치수 | Panel cut-out dimension |

(Unit : mm)



부착 볼트 (Mounting bolt) : M3.5
부착 토크 (Torque) : 0.8N·m (8.2Kgf·cm)

형식 (Type) 치수 (Dimensions)	1단 (1 stage)	2단 (2 stages)	2단 와이드 (2 stages wide)	3단 (3 stages)	3단 와이드 (3 stages wide)	4단 (4 stages)
A (mm)	44.2 ^{+0.5} ₀	44.2 ^{+0.5} ₀	63.5 ^{+0.5} ₀	44.2 ^{+0.5} ₀	97.8 ^{+0.5} ₀	44.2 ^{+0.5} ₀
B (mm)	45.7 ^{+0.5} ₀	71.1 ^{+0.5} ₀	45.5 ^{+0.5} ₀	96.5 ^{+0.5} ₀	46.9 ^{+0.5} ₀	121.9 ^{+0.5} ₀

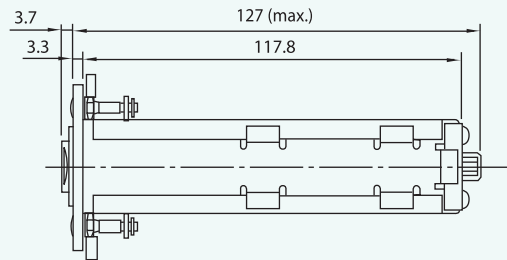
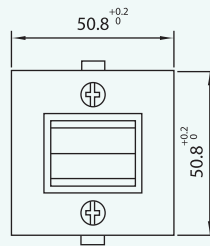
형식 (Type) 치수 (Dimensions)	메타장착 2단 (2 stages with meter)	메타장착 3단 (3 stages with meter)	와이드 메타장착 3단 (3 stages with wide meter)	메타장착 4단 (4 stages with meter)	측면 메타장착 3단 (3 stages with side meter)	측면 메타장착 4단 (4 stages with side meter)
A (mm)	49.0 ^{+0.5} ₀	49.0 ^{+0.5} ₀	97.8 ^{+0.5} ₀	49.0 ^{+0.5} ₀	57.2 ^{+0.5} ₀	57.2 ^{+0.5} ₀
B (mm)	90.3 ^{+0.5} ₀	115.7 ^{+0.5} ₀	66 ^{+0.5} ₀	141.1 ^{+0.5} ₀	95.3 ^{+0.5} ₀	120.7 ^{+0.5} ₀

제어용 스위치 모듈 CONTROL SWITCH MODULES

외형 치수도 | Shape dimension |

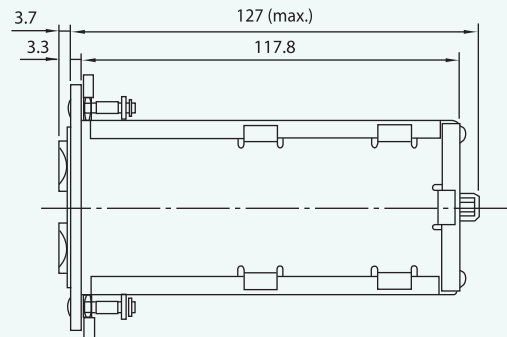
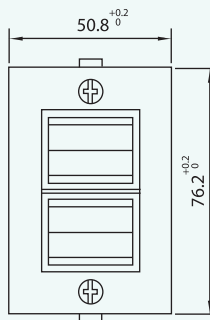
(Unit : mm)

1 stage



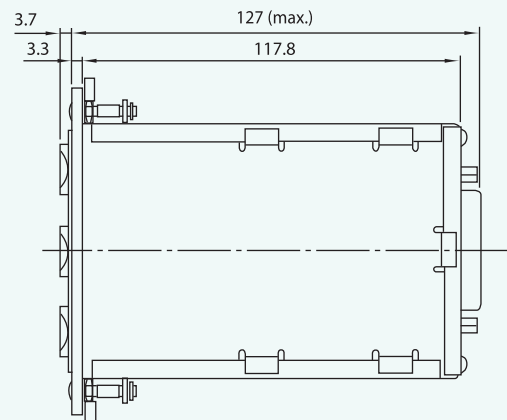
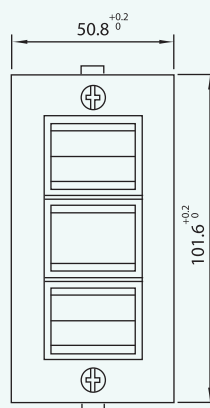
중량 (Weight) : About 240g

2 stages



중량 (Weight) : About 380g

3 stages

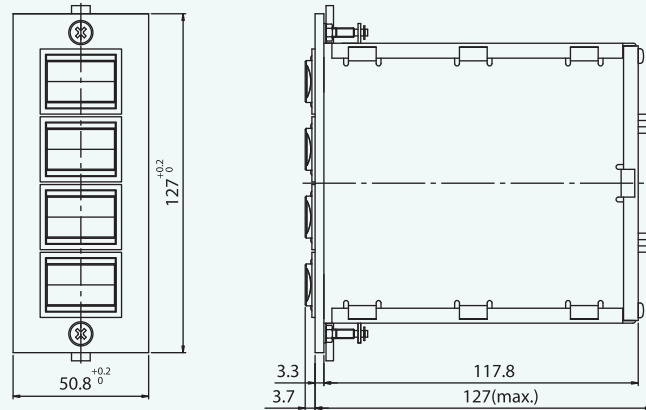


중량 (Weight) : About 510g

외형 치수도 | Shape dimension |

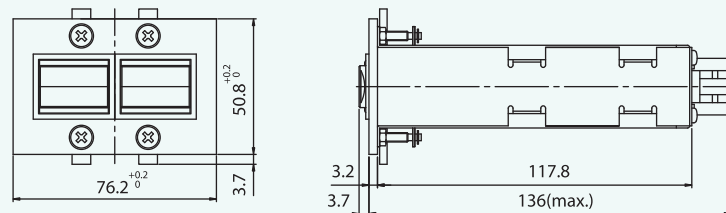
(Unit : mm)

4 stages



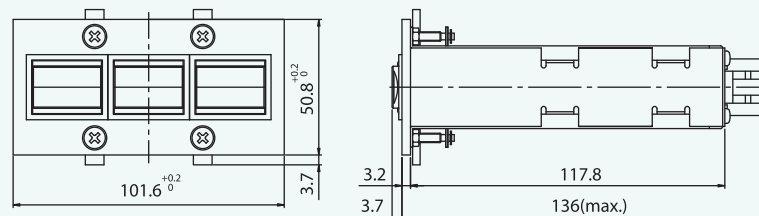
중량 (Weight) : About 700g

2 stages wide



중량 (Weight) : About 380g

3 stages wide



중량 (Weight) : About 510g

제어용 스위치 모듈 CONTROL SWITCH MODULES

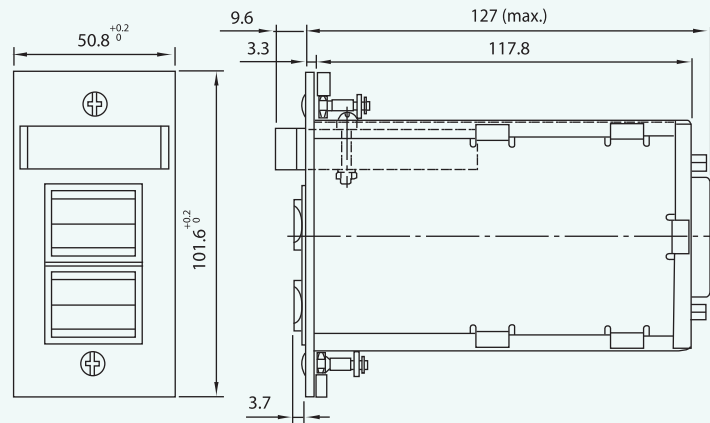
외형 치수도 | Shape dimension |

(Unit : mm)

2 stages with meter



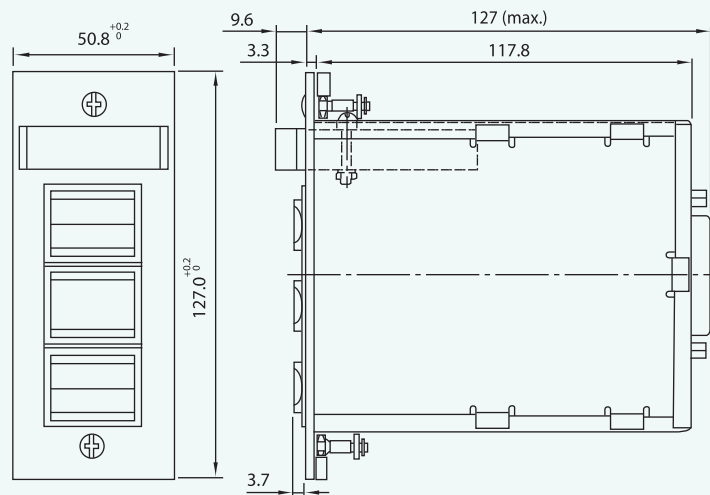
중량 (Weight) : About 530g



3 stages with meter



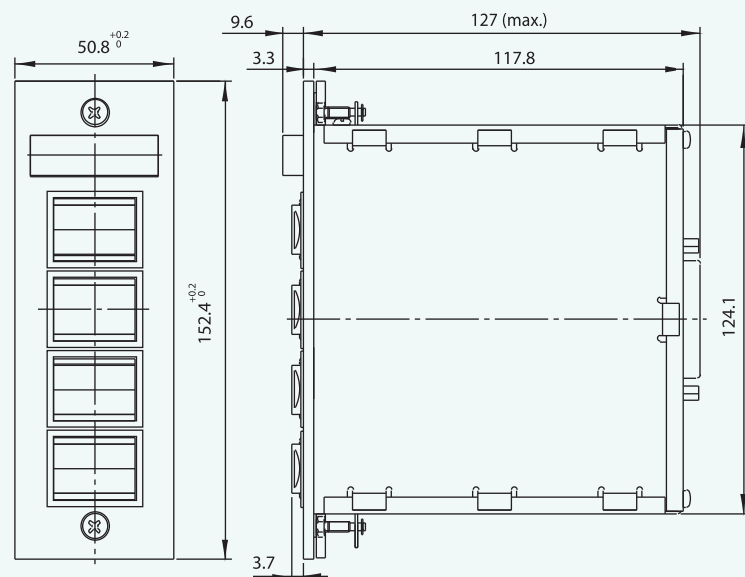
중량 (Weight) : About 660g



4 stages with meter



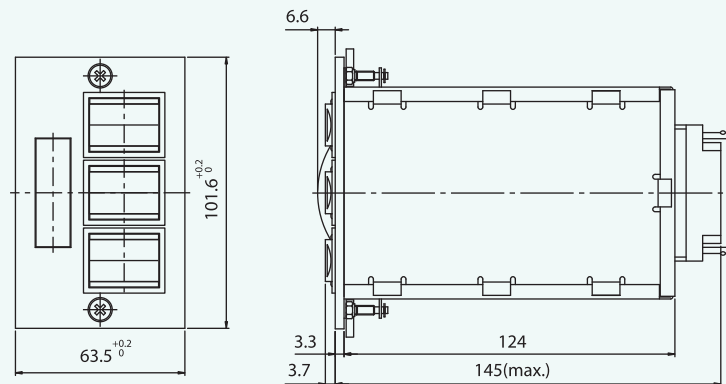
중량 (Weight) : About 850g



외형 치수도 | Shape dimension |

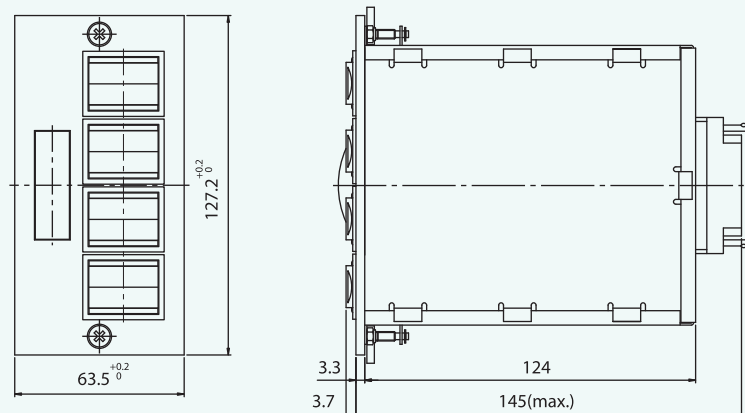
(Unit : mm)

3 stages with side meter



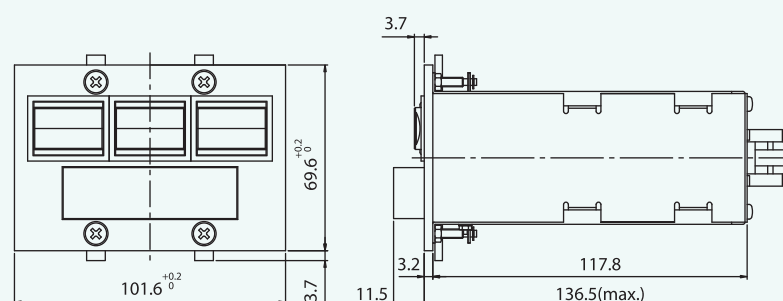
중량 (Weight) : About 690g

4 stages with side meter



중량 (Weight) : About 890g

3 stages with wide meter



중량 (Weight) : About 760g

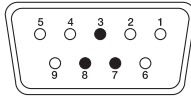
제어용 스위치 모듈 CONTROL SWITCH MODULES

결선도 | Wiring diagram | ▶ YSSMPL TYPE

커넥터(Connector) 기본(Basic) : Male, 옵션(Optional) : Female

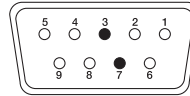
SMPL1-A1

PL1-A107



7 : LAMP COMMON
8 : LAMP UP
3 : LAMP DOWN

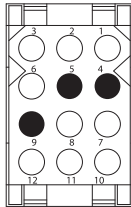
PL1-A117



7 : LAMP COMMON
3 : LAMP ALL

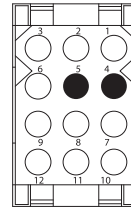
SMPL1-C1

PL1-C1002



4 : LAMP COMMON
5 : LAMP UP
9 : LAMP DOWN

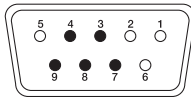
PL1-C1003



4 : LAMP COMMON
5 : LAMP ALL

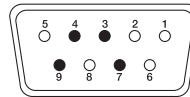
SMPL2-A1

PL2-A108



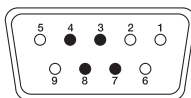
7 : LAMP COMMON
9 : LAMP 1 UP
4 : LAMP 1 DOWN
8 : LAMP 2 UP
3 : LAMP 2 DOWN

PL2-A118



7 : LAMP COMMON
9 : LAMP 1 UP
4 : LAMP 1 DOWN
3 : LAMP 2 ALL

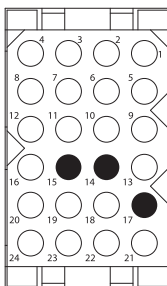
PL2-A128



7 : LAMP COMMON
4 : LAMP 1 ALL
8 : LAMP 2 UP
3 : LAMP 2 DOWN

SMPL2-C2

PL2-C2012

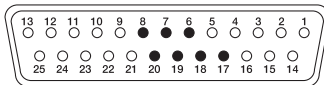


14 : LAMP COMMON
15 : LAMP 1 ALL
17 : LAMP 2 ALL

결선도 | Wiring diagram | ▶ YSSMPL TYPE

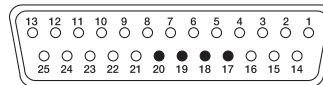
SMPL3-A2

PL3-A209



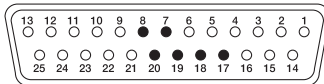
17 : LAMP COMMON
18 : LAMP 1 UP
6 : LAMP 1 DOWN
19 : LAMP 2 UP
7 : LAMP 2 DOWN
20 : LAMP 3 UP
8 : LAMP 3 DOWN

PL3-A219



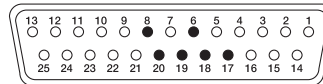
17 : LAMP COMMON
18 : LAMP 1 ALL
19 : LAMP 2 ALL
20 : LAMP 3 ALL

PL3-A229



17 : LAMP COMMON
18 : LAMP 1 ALL
19 : LAMP 2 UP
7 : LAMP 2 DOWN
20 : LAMP 3 UP
8 : LAMP 3 DOWN

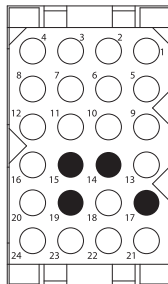
PL3-A239



17 : LAMP COMMON
18 : LAMP 1 UP
6 : LAMP 1 DOWN
19 : LAMP 2 ALL
20 : LAMP 3 UP
8 : LAMP 3 DOWN

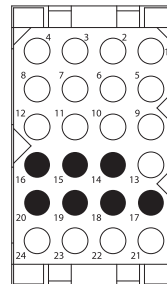
SMPL3-C2

PL3-C2008



14 : LAMP COMMON
15 : LAMP 1 ALL
17 : LAMP 2 ALL
19 : LAMP 3 ALL

PL3-C2010



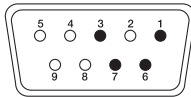
14 : LAMP COMMON
15 : LAMP 1 UP
16 : LAMP 1 DOWN
17 : LAMP 2 UP
18 : LAMP 2 DOWN
19 : LAMP 3 UP
20 : LAMP 3 DOWN

제어용 스위치 모듈 CONTROL SWITCH MODULES

결선도 | Wiring diagram | ▶ YSSMPBL TYPE

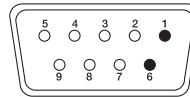
SMPBL1-A1

PBL1-A101



- 1 : M S/W COMMON
- 6 : M S/W NO
- 7 : LAMP COMMON
- 3 : LAMP ALL

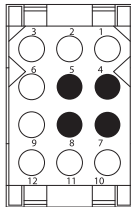
PBL1-A111



- 1 : M S/W COMMON
- 6 : M S/W NO

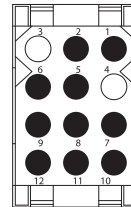
SMPBL1-C1

PBL1-C1001



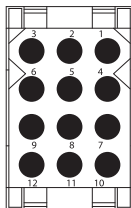
- 8 : M S/W COMMON
- 7 : M S/W NO
- 4 : LAMP COMMON
- 5 : LAMP ALL

PBL1-C1009



- 5 : M S/W 1 COMMON
- 6 : M S/W 2 COMMON
- 7 : M S/W 3 COMMON
- 8 : M S/W 4 COMMON
- 9 : M S/W 1 NO
- 10 : M S/W 2 NO
- 11 : M S/W 3 NO
- 12 : M S/W 4 NO
- 2 : LAMP COMMON
- 1 : LAMP 1 ALL

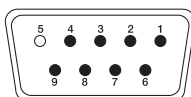
PBL1-C1011



- 5 : M S/W 1 COMMON
- 6 : M S/W 2 COMMON
- 7 : M S/W 3 COMMON
- 8 : M S/W 4 COMMON
- 9 : M S/W 1 NO
- 10 : M S/W 2 NO
- 11 : M S/W 3 NO
- 12 : M S/W 4 NO
- 1 : M S/W 1 NC
- 2 : M S/W 2 NC
- 3 : M S/W 3 NC
- 4 : M S/W 4 NC

SMPBL2-A1

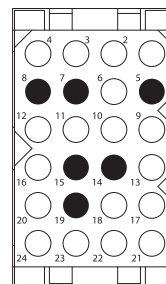
PBL2-A102



- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 6 : M S/W 2 NO
- 7 : LAMP COMMON
- 9 : LAMP 1 UP
- 4 : LAMP 1 DOWN
- 8 : LAMP 2 UP
- 3 : LAMP 2 DOWN

SMPBL2-C2

PBL2-C2004

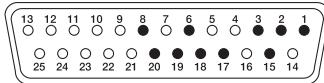


- 8 : M S/W COMMON
- 7 : M S/W 1 NO
- 5 : M S/W 2 NO
- 14 : LAMP COM
- 15 : LAMP 1 ALL
- 19 : LAMP 2 ALL

결선도 | Wiring diagram | ▶ YSSMPBL TYPE

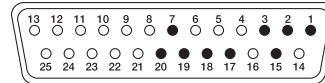
SMPBL3-A2

PBL3-A203



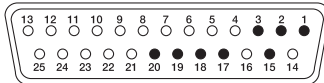
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN

PBL3-A213



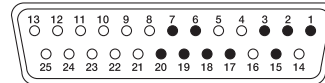
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL

PBL3-A223



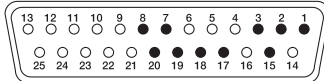
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 ALL
- 20 : LAMP 3 ALL

PBL3-A233



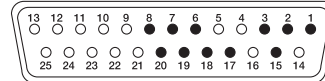
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL

PBL3-A243



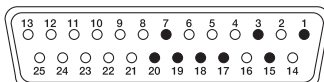
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 20 : LAMP 3 UP
- 7 : LAMP 2 DOWN
- 8 : LAMP 3 DOWN

PBL3-A253



- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN

PBL3-A263



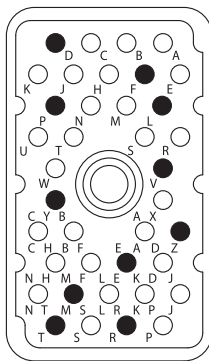
- 1 : M S/W COMMON
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL

제어용 스위치 모듈 CONTROL SWITCH MODULES

결선도 | Wiring diagram | ▶ YSSMPBL TYPE

SMPBL3-B2

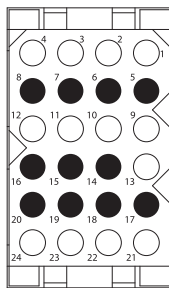
PBL3-B201



- P : M S/W COMMON
- D : M S/W 1 NO
- F : M S/W 2 NO
- L : M S/W 3 NO
- TT : LAMP COMMON
- V : LAMP 1 UP
- Y : LAMP 1 DOWN
- Z : LAMP 2 UP
- EE : LAMP 2 DOWN
- MM : LAMP 3 UP
- RR : LAMP 3 DOWN

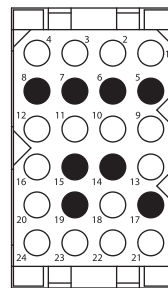
SMPBL3-C2

PBL3-C2005



- 8 : M S/W COMMON
- 7 : M S/W 1 NO
- 6 : M S/W 2 NO
- 5 : M S/W 3 NO
- 14 : LAMP COMMON
- 15 : LAMP 1 UP
- 16 : LAMP 1 DOWN
- 17 : LAMP 2 UP
- 18 : LAMP 2 DOWN
- 19 : LAMP 3 UP
- 20 : LAMP 3 DOWN

PBL3-C2007

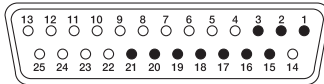


- 8 : M S/W COMMON
- 7 : M S/W 1 NO
- 6 : M S/W 2 NO
- 5 : M S/W 3 NO
- 14 : LAMP COMMON
- 15 : LAMP 1 ALL
- 17 : LAMP 2 ALL
- 19 : LAMP 3 ALL

결선도 | Wiring diagram | ▶ YSSMPBL TYPE

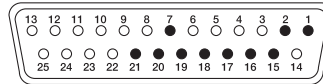
SMPBL4-A2

PBL4-A204



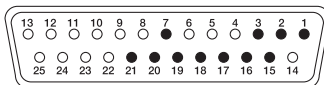
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 ALL
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL

PBL4-A214



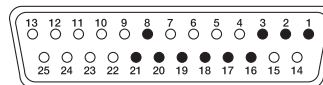
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL

PBL4-A224



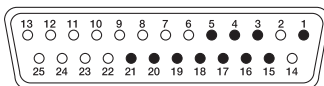
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL

PBL4-A234



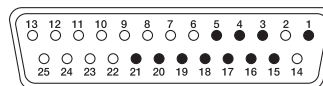
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 21 : LAMP 4 ALL

PBL4-A244



- 1 : M S/W 2 COMMON
- 15 : M S/W 2 NO
- 4 : M S/W 3 COMMON
- 3 : M S/W 3 NO
- 5 : M S/W 4 COMMON
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 ALL
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL

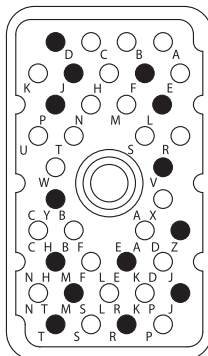
PBL4-A254



- 1 : M S/W 2 COMMON
- 15 : M S/W 2 NO
- 4 : M S/W 3 COMMON
- 3 : M S/W 3 NO
- 5 : M S/W 4 COMMON
- 16 : M S/W 4 NC
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 ALL
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL

SMPBL4-B2

PBL4-B202



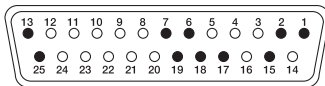
- P : M S/W COMMON
- D : M S/W 1 NO
- F : M S/W 2 NO
- J : M S/W 3 NO
- L : M S/W 4 NO
- TT : LAMP COMMON
- V : LAMP 1 UP
- Y : LAMP 1 DOWN
- Z : LAMP 2 UP
- EE : LAMP 2 DOWN
- HH : LAMP 3 UP
- JJ : LAMP 3 DOWN
- MM : LAMP 4 UP
- RR : LAMP 4 DOWN

제어용 스위치 모듈 CONTROL SWITCH MODULES

결선도 | Wiring diagram | ▶ YSSMPBLM TYPE

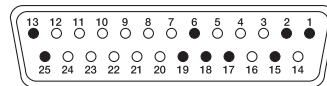
SMPBL2M-A2

PBL2M-A205



- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 13 : ANALOG METER -
- 25 : ANALOG METER +

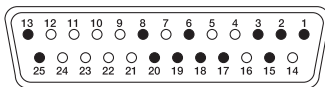
PBL2M-A215



- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

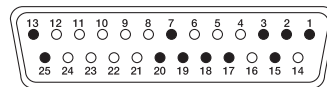
SMPBL3M-A2

PBL3M-A206



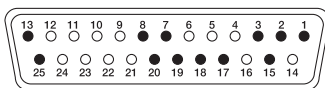
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL3M-A216



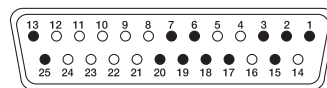
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL3M-A226



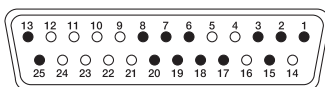
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL3M-A236



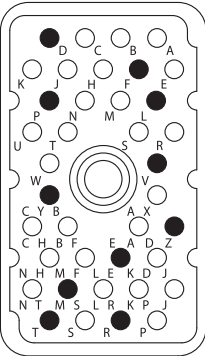
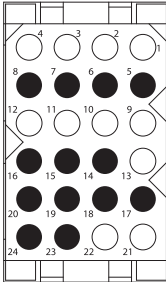
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL3M-A246



- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 13 : ANALOG METER -
- 25 : ANALOG METER +

결선도 | Wiring diagram | ▶ YSSMPBLM TYPE

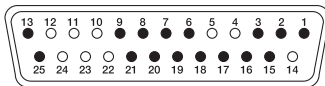
SMPBL3M-B2	SMPBL3M-C2
PBL3M-B203	PBL3M-C2006
	
P : M S/W COMMON D : M S/W 1 NO F : M S/W 2 NO L : M S/W 3 NO TT : LAMP COMMON V : LAMP 1 UP Y : LAMP 1 DOWN Z : LAMP 2 UP EE : LAMP 2 DOWN MM : LAMP 3 UP RR : LAMP 3 DOWN T : ANALOG METER - S : ANALOG METER +	8 : M S/W COMMON 7 : M S/W 1 NO 6 : M S/W 2 NO 5 : M S/W 3 NO 14 : LAMP COMMON 15 : LAMP 1 UP 16 : LAMP 1 DOWN 17 : LAMP 2 UP 18 : LAMP 2 DOWN 19 : LAMP 3 UP 20 : LAMP 3 DOWN 23 : ANALOG METER - 24 : ANALOG METER +

제어용 스위치 모듈 CONTROL SWITCH MODULES

결선도 | Wiring diagram | ▶ YSSMPBLM TYPE

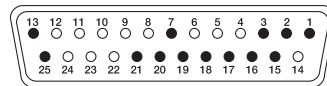
SMPBL4M-A2

PBL4M-A210



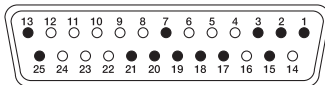
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 21 : LAMP 4 UP
- 9 : LAMP 4 DOWN
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL4M-A220



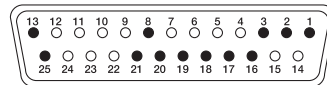
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL4M-A230



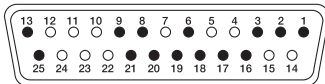
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 UP
- 7 : LAMP 2 DOWN
- 20 : LAMP 3 ALL
- 21 : LAMP 4 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL4M-A240



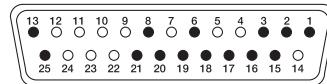
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 ALL
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 21 : LAMP 4 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL4M-A250



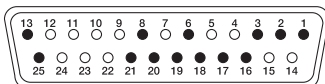
- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 21 : LAMP 4 UP
- 9 : LAMP 4 DOWN
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL4M-A260



- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 15 : M S/W 2 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 21 : LAMP 4 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

PBL4M-A270

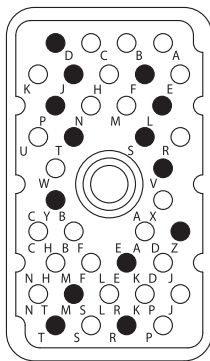


- 1 : M S/W COMMON
- 2 : M S/W 1 NO
- 3 : M S/W 3 NO
- 16 : M S/W 4 NO
- 17 : LAMP COMMON
- 18 : LAMP 1 UP
- 6 : LAMP 1 DOWN
- 19 : LAMP 2 ALL
- 20 : LAMP 3 UP
- 8 : LAMP 3 DOWN
- 21 : LAMP 4 ALL
- 13 : ANALOG METER -
- 25 : ANALOG METER +

결선도 | Wiring diagram | ▶ YSSMPBLM TYPE

SMPBL4M-B2

PBL4M-B204



- P : M S/W COMMON
- D : M S/W 1 NO
- F : M S/W 2 NO
- J : M S/W 3 NO
- L : M S/W 4 NO
- TT : LAMP COMMON
- V : LAMP 1 UP
- Y : LAMP 1 DOWN
- Z : LAMP 2 UP
- EE : LAMP 2 DOWN
- HH : LAMP 3 UP
- JJ : LAMP 3 DOWN
- MM : LAMP 4 UP
- RR : LAMP 4 DOWN
- T : ANALOG METER -
- S : ANALOG METER +