











사각표시등

LED Square Lights

| | Code | Size | Lamp color | Certificate |
|---|----------|---------|--|---|
|  | KH-5020L | 20 X 20 | Red Green Yellow Amber Blue White | |
|  | KH-5030L | 30 X 30 | Red Green Yellow Amber Blue White |  |
|  | KH-5040L | 30 X 40 | | |

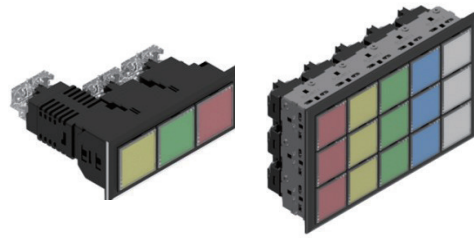
Square Lights

| | Code | Materials | Lamp color | Certificate |
|---|--|---|---------------------------------|-------------|
|  | KH-500TL-1 KH-500TL-1L | Body: ABS Letter Plate : AS Color Plate: Acryl Lamp cap : AS | Red Green Yellow White | |
|  | KH-500TL-2 KH-500TL-2L | | | |
|  | KH-500TL-3 KH-500TL-3L | | | |
|  | KH-5001-1 KH-5001-1L KH-5002-1 KH-5002-1L | Body: ABS Letter Plate : AS Color Plate: Acryl Lamp cap : AS | Red Green Yellow White | |
|  | KH-5001-2 KH-5001-2L KH-5002-2 KH-5002-2L | | | |
|  | KH-5001-3 KH-5001-3L KH-5002-3 KH-5002-3L | | | |

SQUARE LIGHT



LED SQUARE LIGHTS



KH-5030L-24PCK

| | | |
|---------------|----------|----------------------------------|
| Product code | | KH-5020L : 20 x 20mm |
| | | KH-5030L : 30 x 30mm |
| | | KH-5040L : 30 x 40mm |
| Input voltage | 12 | 12VDC |
| | 24 | 24VDC |
| | 12PCK | 12VDC with positive check input |
| | 24PCK | 24VDC with positive check input |
| | DC110PCK | 110VDC with positive check input |
| | 12NCK | 12VDC with negative check input |
| | 24NCK | 24VDC with negative check input |
| | DC110NCK | 110VDC with negative check input |
| | 12T | 110VAC with AC-DC converter |
| | 22T | 220VAC with AC-DC converter |
| Certificate | | CE : EN 5501 / 60947-5-2 |

※ Order made : DC48V, DC110V, DC125V, DC220V

Specification

| | | KH-5020L | KH-5030L | KH-5040L |
|-------------------------------|---------|---|---|-------------|
| LED unit size | | 20mm x 20mm | 30mm x 30mm | 40mm x 40mm |
| Bulb | | LED | | |
| Power consumption | | 20mA 이하 | | |
| Rated voltage | | 12VDC, 24VDC | | |
| Converter | | — | 110VDC, 110VAC, 220VAC | |
| Lamp color | | Red, Green, Yellow, Amber, Blue, White | Red, Green, Yellow, Amber, Blue, White | |
| Insulation resistance | | Minimum 100M Ω (DC500V Insulation resistance meter) | | |
| Dielectric strength | | AC 1,500V(50/60Hz) for 1minute | | |
| Operating ambient temperature | | -25 ~ +55 °C(Not freezing condition) | | |
| Materials | | Body: ABS, Color plate: Acryl, Reflector: Acryl | | |
| Terminals | | Terminal tightening M2.5 x 7 | Terminal tightening M3.5 x 7 Check terminal Screw M3 x 6 | |
| Maximum combination | Rows | 13 | 20 | 20 |
| | Columns | 13 | 20 | 20 |

UL(c UL) : 60947-1, 609475-1 (CSA C22.2) Max. surrounding air temperature 40°C

K 포토센서

L 근접센서

M 카운터 타이머

N 부저

O 시그널폰

P 타워 라이트

Q 사각 표시등

R 터치 스위치

S 액면 제어기

T 온도 조절기

사각표시등

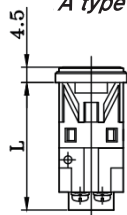
Dimension

※ The DC LAMP can be used to check whether the front part is lit or not using the check terminal.
There is no Check terminal for AC

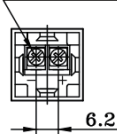
| Type | Model | R | S | L1 | L2 | T(Attachment) |
|------|----------------------|----|----|--------|------|---------------|
| A | KH-5020L-12,24 | 20 | 20 | L:35.5 | | — |
| B | KH-5030L-12,24 | 30 | 30 | 52.2 | 56.7 | — |
| | KH-5040L-12,24 | 40 | 30 | | | KC-PCK |
| | KH-5030L-12PCK,24PCK | 30 | 30 | | | |
| | KH-5040L-12PCK,24PCK | 40 | 30 | | | KC-NCK |
| | KH-5030L-12NCK,24NCK | 30 | 30 | | | |
| | KH-5040L-12NCK,24NCK | 40 | 30 | | | |
| C | KH-5030L-DC110PCK | 30 | 30 | 77.7 | 82.2 | KC-PCK |
| | KH-5040L-DC110PCK | 40 | 30 | | | KC-NCK |
| | KH-5030L-DC110NCK | 30 | 30 | | | |
| | KH-5040L-DC110NCK | 40 | 30 | | | |
| D | KH-5030L-12T,22T | 30 | 30 | | | KC-12T,22T |
| | KH-5040L-12T,22T | 40 | 30 | | | |

KH-5020L SQUARE LIGHT

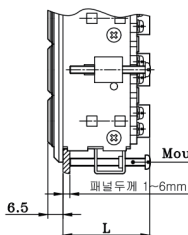
외형구분
LED display type
A type



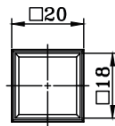
M2.5 Terminal Screw



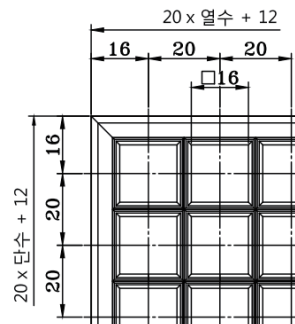
입력 단자 배열 형태
Input terminal layout



싱글배치
Single windows



복수배치
Multiple windows



취부 판넬 가공 방법

$P_1(\text{mm}) = 20 \times \text{단수}(\text{열수}) + 4$

$P_2(\text{mm}) = 20 \times \text{단수}(\text{열수}) + 4$

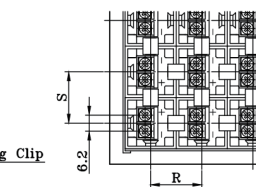
날개 취부 판넬 가공시: 가로 18×세로 18

Calculate the panel processing size

$P_1(\text{mm}) = 20 \times \text{Rows} + 4\text{mm}$

$P_2(\text{mm}) = 20 \times \text{Columnss} + 4\text{mm}$

Single unit: 18mm x 18mm



A type

(Unit:mm)

Dimension

KOINOX 587

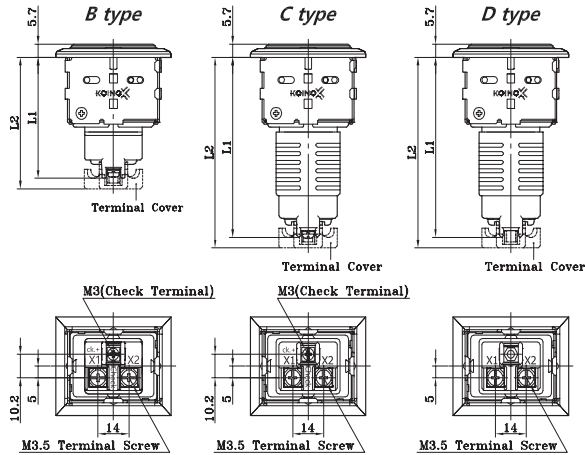
온도
조절기

사각표시등

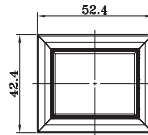
외형치수도

KH-5040L SQUARE LIGHT

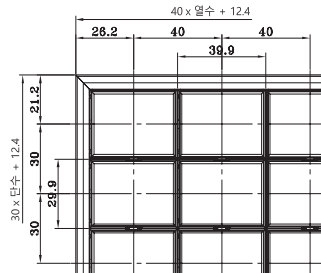
외형 구분 LED display type



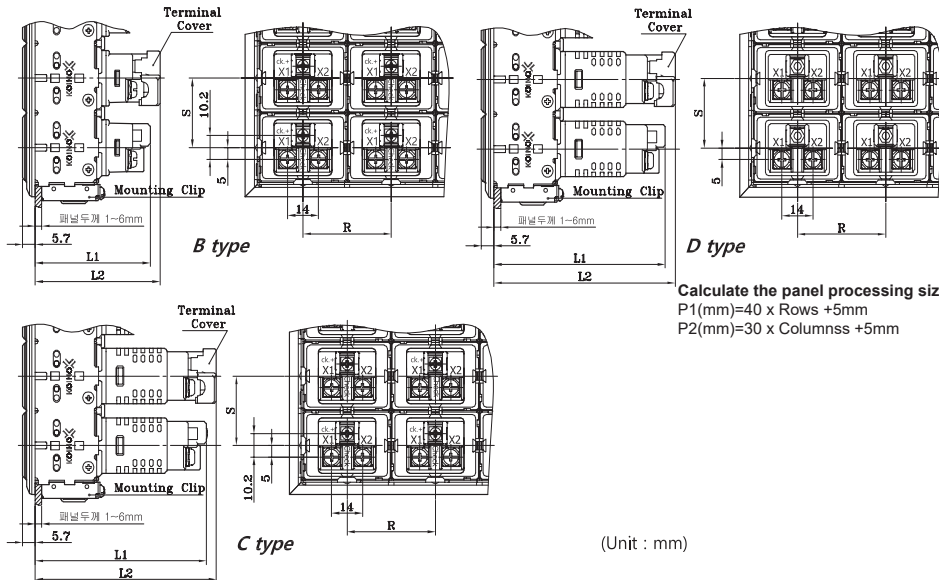
단수 배치 Single window



복수 배치 Multiple windows



입력 단자 배열 형태 Input terminal layout



취부 판넬 가공 방법

$$P_1(\text{mm}) = 40 \times \text{단수(열수)} + 5$$

$$P_2(\text{mm}) = 30 \times \text{단수(열수)} + 5$$

Calculate the panel processing size

$$P_1(\text{mm}) = 40 \times \text{Rows} + 5\text{mm}$$

$$P_2(\text{mm}) = 30 \times \text{Columnss} + 5\text{mm}$$

(Unit : mm)

취부 판넬 가공 방법

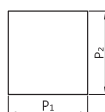


KH-5020L

$$P_1(\text{mm}) = 20 \times \text{단수(열수)} + 4$$

$$P_2(\text{mm}) = 20 \times \text{단수(열수)} + 4$$

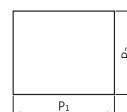
날개 취부 판넬 가공시: 가로 18x세로 18



KH-5030L

$$P_1(\text{mm}) = 30 \times \text{단수(열수)} + 5$$

$$P_2(\text{mm}) = 30 \times \text{단수(열수)} + 5$$



KH-5040L

$$P_1(\text{mm}) = 40 \times \text{단수(열수)} + 5$$

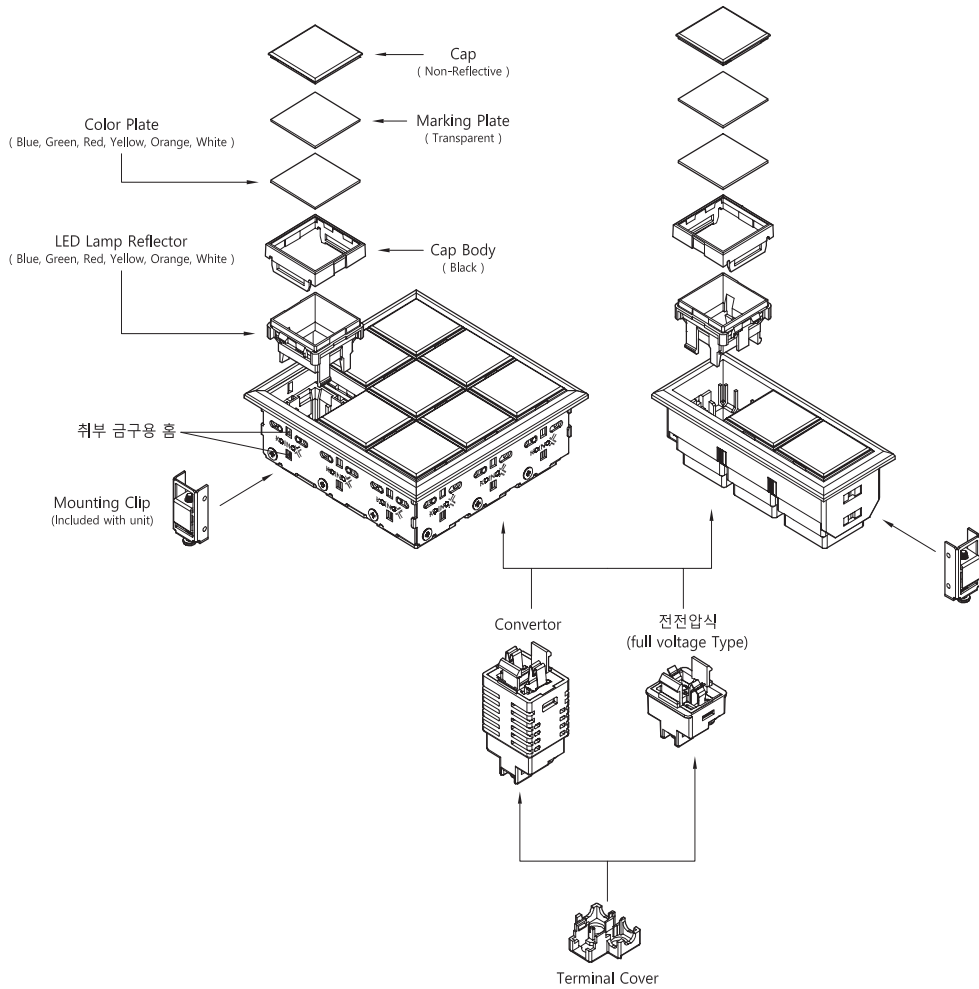
$$P_2(\text{mm}) = 30 \times \text{단수(열수)} + 5$$

SQUARE LIGHT

Installation

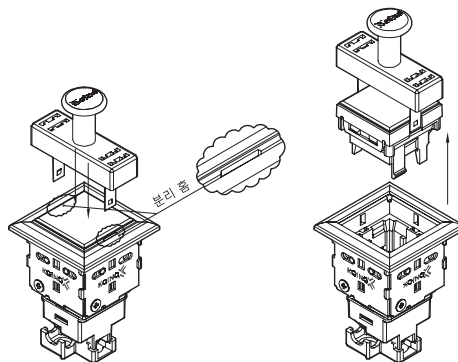
※ Integral Frame is available with KH-5030(1 × 1, 1 × 2, 1 × 3) and KH-5040(1 × 1)

※ KH-5030(1 × 1, 1 × 2, 1 × 3), KH-5040(1 × 1)은 일체형 프레임이 가능합니다.



Replacing Lamp

Using replacing tool



K 포토센서

L 근접센서

M 카운터 타이머

N 부저

O 시그널폰

P 타워 라이트

Q 사각 표시등

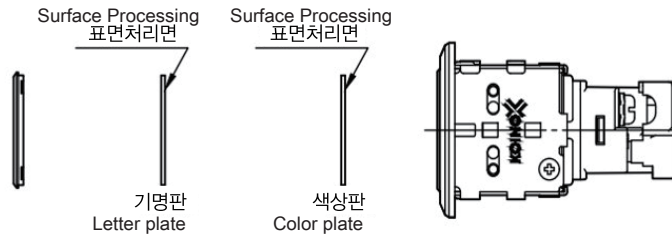
R 터치 스위치

S 액면 제어기

T 온도 조절기

사각표시등

기명판, 색상판 조합



Mounting Clips

| 열 (가로) 단 (세로) | 1~2 | 3~8 | 9~15 | 16~20 |
|------------------|-----|-----|------|-------|
| 1~2 | | | | |
| 3~6 | | | | |
| 7~10 | | | | |
| 11~15 | | | | |
| 16~20 | | | | |