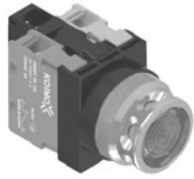


CONTROL SWITCH

Ø25, Ø30 KH series



KH-511LN
KH-512LN



KH-513LN
KH-514LN

Integrated LED



Classification

KH-511 LN- □ □ □ □

| | | |
|----------|--------|----------------------|
| Code | KH | KUNHUNG |
| Diameter | 511 | Ø25 mm |
| | 513 | Ø30 mm |
| Lamp | LN | Integrated LED unit* |
| Color | R | Red |
| | G | Green |
| | Y | Yellow |
| | B | Blue |
| | W | White |
| | O | Orange(Amber) |
| | C | Clear |
| | M | Milky-white |
| Input | 3C | 24VDC |
| | 1A | 110VAC |
| | 2A | 220VAC |
| | 2D | 110VDC |
| | 4D | 220VDC |
| Contact | Number | N.O (A contact) |
| Blocks | Number | N.C (B contact) |

Classification

Integrated LED unit*

LU □ - □

| | | |
|-------|----|---------------|
| Code | LU | LED Unit |
| Color | R | Red |
| | G | Green |
| | Y | Yellow |
| | B | Blue |
| | W | White |
| | O | Orange(Amber) |
| Input | 3C | 24VDC |
| | 1A | 110VAC |
| | 2A | 220VAC |
| | 2D | 110VDC |
| | 4D | 220VDC |

CONTROL COMPONENT



Specification

| | KH-511LN, 512LN | KH-513LN, 514LN |
|---------------------------------|---|-----------------|
| Diameter | Ø25 mm | Ø30 mm |
| Ratings | Maximum 6A | |
| Insulation resistance | +100 MΩ (DC500V Insulation Ohmmeter) | |
| Withstand voltage | 2500Vac, 50/60 Hz for 1min. | |
| Contact resistance | 30 mΩ or less (default) | |
| Vibration resistance | 10 to 55 Hz amplitude 1.5 mm X, Y, X 1 hour in each direction | |
| Shock resistance | Endurance: +30G , malfunction +10G | |
| Ambient temperature | -25°C ~ 50°C (not frozen condition) | |
| Ambient humidity | 45 ~ 70%RH (not frozen condition) | |
| Storage temperature | -30°C ~ 70°C (not frozen condition) | |
| Electrical lifespan | +0.3M cycles (open/close frequency up to 30 times/minute) with 1A1B | |
| Mechanical lifespan | +0.5M cycles (open/close frequency up to 30 times/minute) with 1A1B | |
| Protection | IP40 | |
| Operating humidity range | 35 ~ 85%RH | |
| Rated insulation voltage | 600V | |
| Impulse withstand voltage | 6 kV | |
| Enclosure Thermal Current (Ith) | 10A | |
| Certifications | KC: KC 61058-1 | |

* Direct current (DC) voltage products are not eligible for KC certification

Specification

KH-511LN

| | □ : color | Input | Power consumption | Mounting Diameter | Contact ratings | | Materials |
|----------------|-----------------|--------|-------------------|-------------------|--|------------|--|
| KH-511LN □ -1A | R(Red) | 110VAC | 20mA or less | Ø25mm | 250VAC, 3A 0.3M cycles under resistive load | 1NO 1NC | Body : ABS Lamp cap : AS Ring : ABS (Colored Coating) |
| KH-512LN □ -2A | | 220VAC | 20mA or less | | | | |
| KH-511LN □ -1C | | 24VDC | 20mA or less | | | | |
| KH-511LN □ -2D | | 110VDC | 20mA or less | | | | |
| KH-511LN □ -4D | Y(Yellow) | 220VDC | 20mA or less | Ø30mm | 250VAC, 6A 0.1M cycles under resistive load | | |
| KH-513LN □ -1A | B(Blue) | 110VAC | 20mA or less | | | | |
| KH-514LN □ -2A | W(White) | 220VAC | 20mA or less | | | | |
| KH-513LN □ -1C | O(Amber) | 24VDC | 20mA or less | | | | |
| KH-513LN □ -2D | C(Clear) | 110VDC | 20mA or less | | | | |
| KH-513LN □ -4D | M(Miky-white) | 220VDC | 20mA or less | | | | |

A 파워 스위치

B 캠 스위치

C 세이프티 스위치

D 제어용 스위치

E 리미트 스위치

F 마이크로 스위치

G 발판 스위치

H 단자대

I 컨트롤 박스

J 보호카바