



KG AUTO

Automatic Control Parts

 **KG AUTO CO., LTD.**

www.kgauto.co.kr

Pride of Best,
KG AUTO is your partner.

KG AUTO Introduction

KG AUTO Co., Ltd. which manufacture industrial automatic control device establish by professional skills and long experience in March 2007.

Our main product is control switch, Limit Switch, hoist switch, etc. And we'll do best to show various and excellent product.

We promise that become company which can realize customer impression to ceaseless technical development and quality renovation to grow into the leader of domestic and foreign industrial auto control machine market with love of customers and trust.

CEO Kim kideok

KG AUTO History

2007

- Establishment of corporate body and registration of factory
- Development and launch of Limit Switch
- Acquisition of Certification for Limit Switch - CE and KTL
- Development and launch of Hoist Switch
- Acquisition of Certification for Hoist Switch - CE and KTL
- Development and launch of KG series (Control switch)
- Acquisition of Certification for KG series (Control switch) - CE and KTL

2008

- Establishment of office in Busan
- Acquisition of unity model for KG-F (Fixed Unit for switches)
- Development and launch of FOOT switch

2009

- Development and launch of KG Series (J.C type)
- Acquisition of Certification for KG series (J.C type) - CE and KTL
- Acquisition of unity model for KG-F (Contact block switches for Hoist)

2010~2011

- Development and launch of two lift switch
- Acquisition of unity model KG-LE700 (Limit Switch)
- Development and launch KG Series (Lamp reset switch) and Acquisition of certification for KTL

2012

- Acquisition of certification for INNOBIZ
- Registration of laboratory
- Development and launch KD Series (compact control switch)
- Acquisition of Certification for KD series (J.C type) - CE and KTL

2013

- Acquisition of Certification for ISO9001/14001
- Development and launch 90 warning light
- Development and launch 57 tower light
- Acquisition of Certification for 57 tower light

2014

- Development and launch 90 LED warning light
- Development and launch 45 LED tower light
- Acquisition of Certification for 45 LED tower light
- Launch control box (25, 30)
- Development and launch aluminum control box
- Development and launch lever switch (30)

2015

- Launch of compact Limit Switch
- Launch of LED panel lamp
- Launch of safety cover type foot switch
- Launch of Remote controller series.

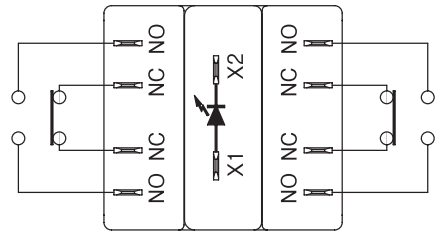
KD SERIES (Ø16, Ø22)



Features

1. Operating and contact part was planned in separation style
2. Attached hole $\varnothing 16$, $\varnothing 22$ The selection with is various it used
3. Slim type is being 2.5mm projections from panel, there is no jam from the side
4. Contact block was planned basic 1a1b
5. A light source was produced with the LED
6. Lamp part is designed to be connected directly
7. SH02210-12001 **CE**
8. Protected structure : IP65

Circuit diagrams



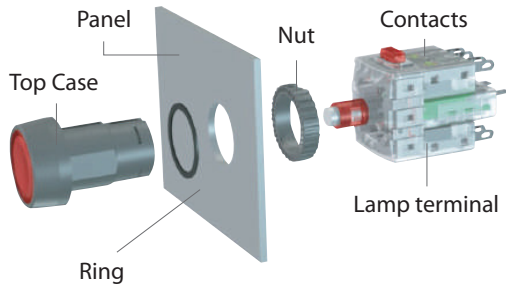
Performance

List	Items	KD Series Ø16, Ø22
Rating		250V a.c 3A
Insulating resistance		Min 100M Ω
Withstand voltage		1,500V a.c, 50/60Hz 1min
Contact resistance		Below 50M Ω
Vibration protection		10~55Hz Vibration Width 3mm
Shock protection		500%
Ambient temperature		-10 $^{\circ}$ C~+50 $^{\circ}$ C
Relative humidity		45~85% RH
Open/close time		Max 30/1min
Lifetime	Electrical	Min 0.1mil/1,800h
	Mechanical	Min 0.5mil/1,800h

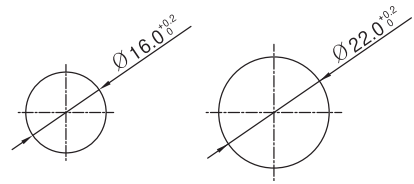
LED Lamp

Rated voltage	Rated current
12/24V d.c	32mA
110/220V a.c	7.5mA

Ø16 Assembly order

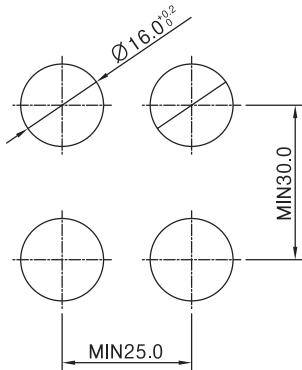


Panel cutting size

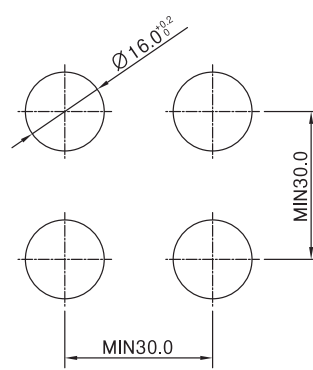


User guide

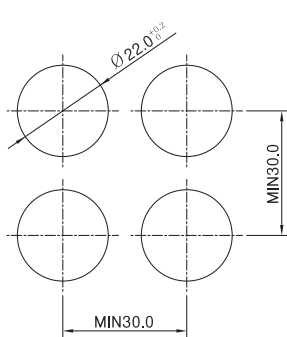
- Ø16 Round, square type >>



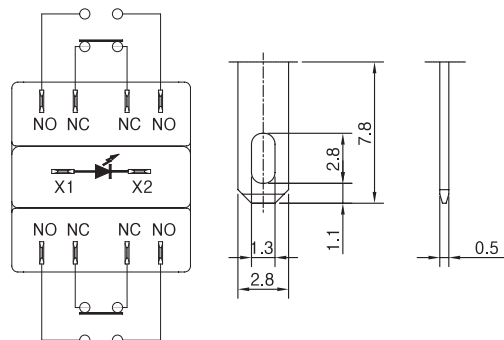
- Ø16 Rectangular type >>



- Ø22 Luxury buried type >>



- Ø16, 22 Contacts terminal >>



Attention


- Panel cutting is above by a necessity to select
- Panel thickness 1~5mm
- Lamp terminal and terminal wiring not to be exchange it will have attention

KG SERIES

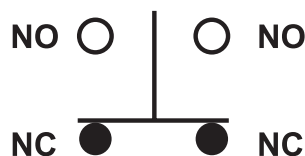
(Ø22/Ø25/Ø30)



Features

1. Operating and contact part was planned in separation style
2. Attached hole Ø22, Ø25, Ø30 The selection with is various it used
3. Slim type is being 2.5mm projections from panel, there is no jam from the side
4. Contact block was planned basic 1a1b
5. A light source was produced with the LED
6. SH02210-7003A, 7004A, 7005A 
7. Protected structure : IP65

Circuit diagrams



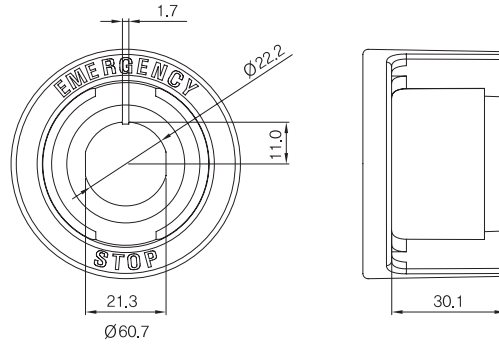
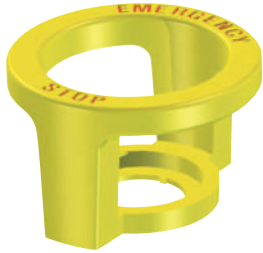
Performance

List	Items	KG Series Ø22, Ø25, Ø30
Rating		125V d.c 1A / 250V a.c 5A
Insulating resistance		Min 100MΩ
Withstand voltage		2,500V a.c, 50/60Hz 1min
Contact resistance		Below 50MΩ
Vibration protection		10~55Hz Vibration Width 3mm
Shock protection		500%
Ambient temperature		-10°C~+50°C
Relative humidity		45~85% RH
Open/close time		Max 30/1min
Lifetime	Electrical	Min 0.1mil/1,800h
	Mechanical	Min 0.5mil/1,800h

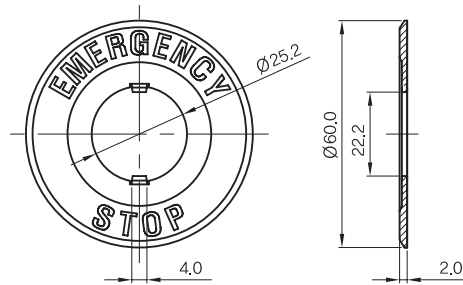
LED Lamp

Rated voltage	Rated current
12/24V d.c	22mA
110/220V	Below 8mA
380V a.c	24mA
125V d.c	4.5mA
220V d.c	4.5mA

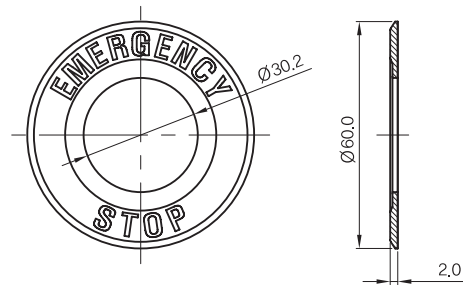
KG-EG22



KG-EN22/25



KG-EN30



Attention

- Panel cutting is above by a necessity to select
- Panel thickness 1~6mm
- Lamp terminal and terminal wiring not to be exchange it will have attention
- Attaching nut torque is below 20kgf
- Attaching bolt torque is below 5kgf
- Terminal bolt used ring washer and M3.5)

REMOTE CONTROLLER SERIES





Features

1. Battery replacement cycle increasing by designing a low effort.
2. Streamlined shape design and miniaturization transmitter.
3. Applying strong nylon glass on impact for enhanced reliability.
4. Providing convenience to apply a mode selector switch.
5. MSIP-CRM-KGO-KG-R12MLHCCC / MSIP-CRM-KGO-KG-R08AAA

Performance

List	Transmitter	Receiver
Frequency range	447,60000 ~ 447,9875 Mhz	447,60000 ~ 447,9875 Mhz
Rated voltage	08R : DC3V / 12R : DC6V	90V ~ 240V AC / 50 ~ 60 Hz
Size	08R : 150mm x 52mm x 41mm 12R : 230mm x 56mm x 49mm	08R / 12R : 230mm x 56mm x 70mm
Electric Power antenna	10mW	10mW
Oscillation method	PLL	PLL
Modulation system	GFSK(F1D)	GFSK(F1D)
Method of communications	Simplex	Simplex
Transmission speed	2400bps	2400bps
Frequency stability	2ppm	2ppm
Channel number	32ch	32ch
Channel separation	12.5khz	12.5khz
Bandwidth	8.5khz	8.5khz
Usual temperature	-20°C ~ +60°C	-20°C ~ +60°C
Cable		K60227 IEC75 300/500V 0.75SQ 16C/23C (1.7M)

Performance

REMOTE CONTROLLER		
Model	KG-R08 SERIES	KG-R12 SERIES
Function	<ul style="list-style-type: none"> • E-STOP • Selector ON/OFF switch  <ul style="list-style-type: none"> • Battery : AA 1.5V 2ea 	<ul style="list-style-type: none"> • E-STOP • Selector ON/OFF switch  <ul style="list-style-type: none"> • Mode selection function Selector switch - AUX-MAIN, LIGHT, A A+B B • F1(HORN), F2 • Battery : AA 1.5V 4ea

Name composition

KG - R - 08 - A A A

① ② ③ ④ ⑤

- ① **R** : REMOTE CONTROLLER
- ② **08** : 8Hole
- ③ **A** : U, D (1BUTTON 1STEP) **C** : U, D (1BUTTON 2STEP)
- ④ **A** : E, W (1BUTTON 1STEP) **C** : E, W (1BUTTON 2STEP)
- ⑤ **A** : S, N (1BUTTON 1STEP) **C** : S, N (1BUTTON 2STEP)

KG - R - 12 - M L H A A A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① **R** : REMOTE CONTROLLER
- ② **12** : 12Hole
- ③ **M** : AUX-MAIN (2단 세렉터) **Y** : A A+B B (3단 세렉터)
- ④ **A** : E, W (1BUTTON 1STEP) **C** : E, W (1BUTTON 2STEP)
- ⑤ **A** : S, N (1BUTTON 1STEP) **C** : S, N (1BUTTON 2STEP)

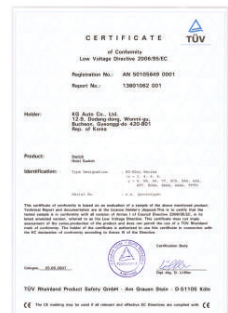
HOIST SERIES



Features

1. Water-proof structure and outer block case was designed as light and strong by ABS quality of the material that is strong in impact.
2. Contact part is 1stage(1a-1a), 1stage(2a-2a) basis be. 2stage(2a-2a)block can use at electric motor speed controls.
3. Preparing various button plates. Use is convenient according to usage.
4. SH02210-7002 CE IP-65

Quotation



Name composition

KG-H

① Basic name (Hoist switch)

② Button quantity

02 : 2Button

04 : 4Button

06 : 6Button

08 : 8Button

③ Division

General type : Blank

E (Emergency type : E)

④ Button composition

A : 1a - 1a (1stage contact block)

C : 2a - 2a (2stage contact block)

T : 2a - 2a (1stage contact block)

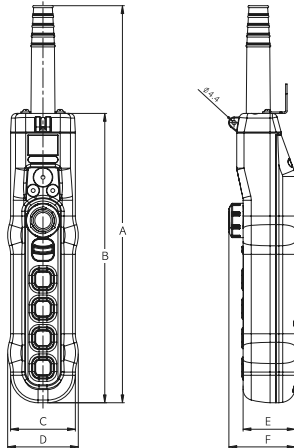
Specification

Rating	6A 250V AC	
Contact	AgSnO ₂	
Insulation resistance	100MΩ(mim)	
Dielectric strength	1,500V AC 1(mim)	
Quality material	Case	High impact ABS
	Wire protection	NBR (speciality rubber)
Temperature range	-15°C ~ +45°C	
Humidity range	45 ~ 85% RH	
Protection structure	IP-65	

※ C, T contact block manufactured 2a single block but when assemble standardize 2a-2a block.

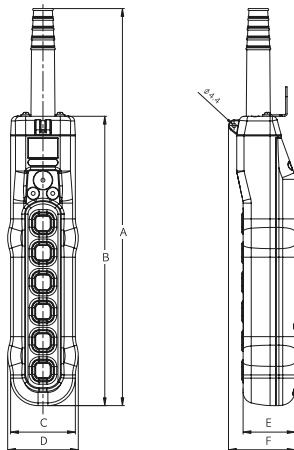
Dimensions

Emergency type



Division	A	B	C	D	E	F
H02EA (4 hole)	287.7	206.9	66.0	-	53.0	67.5
H04EAA (6 hole)	404.7	294.9	66.0	72.0	53.0	67.5
H06EAAA (8 hole)	464.7	354.9	66.0	72.0	53.0	67.5

General type



Division	A	B	C	D	E	F
H02A (2 hole)	227.7	146.9	66.0	-	53.0	67.9
H04AA (4 hole)	287.7	206.9	66.0	-	53.0	67.9
H06AAA (6 hole)	404.7	294.9	66.0	72.0	53.0	67.9
H08AAAA (8 hole)	464.7	354.9	66.0	72.0	53.0	67.9

Attention

- Please do not use force applied to the cable, to reduce the risk of disconnection.
- When wiring do not remain impurities, terminal bolt be tightened.
- Be careful to avoid an excessive impact is applied.
- Be careful with unreasonable behavior has shorten with lifespan.

LIMIT SERIES



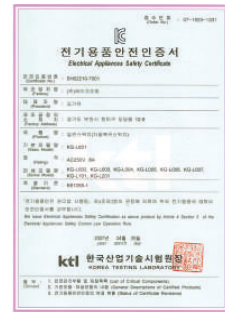
Features

1. Limit switch becomes to make the aluminum die-casting in the case which is strong it maintains a long life in shock outside.
2. Inner switch is composed of 2 stage, it makes with strong quality of material.
3. Heat-proof, oil-proof, dust-proof structure.
4. Protected structure : IP 67
5. SH02210-7001 UL 300
AC-15
EN60947-5-1

Use

1. Location decision of various machine
2. Passage confirmation and directional control of cargo work transportation machine
3. The other general industrial machine

Quotation / Quotation of KC



Performance

List	Items	Limit switch
Rating		6A 250V AC
Max operating speed voltage		0.1~1m/s
Operating cycles	Electrical	120cycles/min
	Mechanical	20cycles/min)
Insulating resistance		Min 100mΩ
Contact resistance		Max 50mΩ
Dielectric strength	Between live part	50~60Hz 1min
	Between non-live part	50~60Hz 1min
Vibration protection	Non-action	10~55Hz
Shock protection	Invasion	1,000% Min
	Non-action	300% Min
Lifetime	Electrical	1mil Min
	Mechanical	0.5mil Min
Ambient temperature / humidity		10~+70°C / 95% RH Max

Name composition

KG - L
 ① ② ③

① **L** : Basic name (Limit switch)

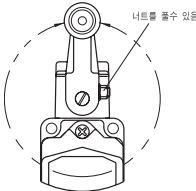
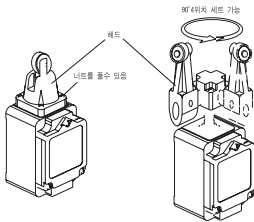
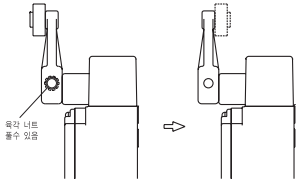
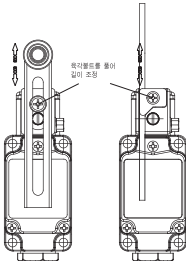
② **Indication form**

- 00 : Normal type
- 10 : d.c 24V Lamp type
- 20 : a.c 110V/250V Lamp type

③ **Operation form**

- 1 : Variable roller lever
- 2 : Variable rod lever
- 3 : Roller lever
- 4 : Roller plunger
- 5 : Ball plunger
- 6 : Push plunger
- 7 : Spring wire

User guide

Name	Explanation	Figure caption
KG-L001 KG-L002 KG-L003	<ul style="list-style-type: none"> • Actuator attachment location changes • There is a possibility of setting actuator with 360° mndirectionals 	
KG-L001 KG-L002 KG-L003 KG-L004	<ul style="list-style-type: none"> • Head location changes • Will release screw of the head and there is a possibility which will set even in four kind of location 	
KG-L003	<ul style="list-style-type: none"> • Attaches roller lever in opposition and the roller will be able to attach in internal • In order for to perpendicular the operation to be completed from within scope of 60° to be set 	
KG-L001 KG-L002	<ul style="list-style-type: none"> • Will be able to control rod and lever length • Will release a six-angle bolt and will be able to control rod and lever length 	

SMALL LIMIT SERIES



Features

1. Caused by miniaturization, High degree of precision and strong
2. Die cast body and plastic cover construction made it electronic safety assurance
3. Various kinds of actuators for easy selection
4. A machine tool, transportation machine and all sorts of industrial equipment are adaptable
5. CE

Performance

List	Items	Small Limit switch
Rating		250V a.c 5A
Insulating resistance		Min 100mΩ
Withstanding voltage		2,500V a.c, 50/60Hz 1min
Contact resistance		Below 25mΩ
Vibration protection		10~55Hz Vibration Width 3mm
Shoke protection		500%
Ambient temperature		-10°C~+50°C
Relative humidity		45~85% RH
Open/close time		Max 30/1min
Lifetime	Electrical	0.1mil Min
	Mechanical	0.1mil Min

Name composition

KG - SL 001

① ② ③

① **KG** : KG AUTO

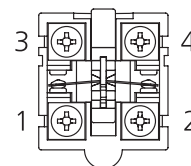
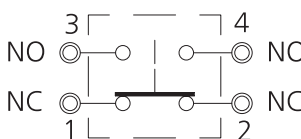
② **Small limit switch**

③ **Actuator**

- 001 : Variable roller lever
- 002 : Variable rod lever
- 003 : Roller lever
- 004 : Roller plunger
- 005 : Cross roller plunger
- 006 : Push plunger
- 007 : Spring wire

Inner switch & circuit diagrams

▶ KG-SLM10



LEVER SWITCH



Features

1. Lever switch is just one in a four-way operation control
2. Lever switch are reversible, such as machine tools, industrial machinery is useful product at the time
3. Return to automatic, manual, mixed-type

Name composition

KG - LVL - 4 - M - 11

① LV : LEVER SWITCH

② Actuator form

- S : Short lever
- L : Long lever
- R : Safety lever

③ 1 : 1단 2 : 2단 3 : 3단 4 : 4단

④ Operation

M : Auto A : Manual

⑤ Contacts

1 : 1a1a 2 : 1a-1b 3 : 1b-1b

예) 11 : 앞숫자는 1련 / 뒤숫자는 2련

※ 혼합 복귀는 주문품으로 방향별 복귀 방식을 발주시기입하여 주십시오

Performance

List		LEVER SWITCH			
AC	Rated Voltage	125V	250V	440V	
	Rated current	10A	6A	3A	
	Breaking current	(Breaking current = Rating current X 2.2)			
DC	Rated Voltage	24V	110V	220V	
	Resistance	Rated current	10A	2.2A	1.1A
		Break current	(Breaking current = Rating current X 1.1)		
	Induction	Rated current	5A	1.1A	0.6A
		Break current	(Breaking current = Rating current X 1.1)		
Rated through current		10A			
Insulation resistance		Min 100MΩ			
Contact resistance		Max 20MΩ)			
Withstand voltage		a.c 2,500V / min			
Mechanical lifetime		(Min 0.5mil)			
Electrical lifetime		(Min 0.1mil)			
Ambient temperature		-25°C ~ +40°C			
Relative humidity		45 ~ 85%			

Ø57 SIGN TOWER



Features

1. Ø57 columnar structure of the round geometry.
2. New concept design, visibility enhancement.
3. Lenses for maximum light diffusion as wrinkles.
4. Located at the top of the buzzer and the sound can be proliferated round structure with a maximum of sound without any loss. (min, 90dB)
5. Shock-resistant polycarbonate material reinforces the reliability by applying the lens.
6. Unique LED light BA15S standards by applying a light bulb can be used for compatibility.
7. CE

Performance

Division	LED Lamp type				Incandescent Lamp type			
Model	KG-S-L	KG-SB-L	KG-SF-L	KG-SFB-L	KG-S	KG-SB	KG-SF	KG-SFB
Function	light only	light & buzzer	light & flash	light, flash & buzzer	light only	light & buzzer	light & flash	light, flash & buzzer
Stack	1~5 Stack				1~5 Stack			
Flashing time	60~70times/min				60~70times/min			
Volume	90dB		90dB		90dB		90dB	
Power supply voltage	24V DC, 110/220V AC (50/60Hz)				12/24V DC, 110/220V AC (50/60Hz)			
Temp	-5°C ~ 50°C				-5°C ~ 50°C			
Humidity	35% ~ 85% R.H.				35% ~ 85% R.H.			
Angle	360°				360°			
Material	Polycarbonate(PC)				Polycarbonate(PC)			
Material	Aluminum				Aluminum			
Color	Red, Yellow, Green, Blue, White				Red, Yellow, Green, Blue, White			
Lamp	High-intensity SMD TYPE LED				Filament			
Protection degree	IP20 (indoor)				IP20 (indoor)			

LED Lamp



Incandescent Lamp



Current consumption

LED lamp		24V DC	110V AC	220V AC
Lamp capacity		1.2W	1.32W	2.2W
Number of stack	1	50mA	12mA	10mA
	2	85mA	14mA	15mA
	3	120mA	16mA	20mA
	4	155mA	18mA	25mA
	5	190mA	20mA	30mA

Incandescent lamp		12V DC	24V DC	110V AC	220V AC
Lamp capacity		5W	5W	5W	5W
Number of stack	1	0.42A	0.21A	0.07A	0.04A
	2	0.84A	0.42A	0.14A	0.08A
	3	1.26A	0.63A	0.2A	0.11A
	4	1.68A	0.84A	0.27A	0.14A
	5	2.1A	1.05A	0.33A	0.17A

Name composition

Ø57 LED Lamp

KG - SFB - V2 - 3 L P - C

① ② ③ ④ ⑤ ⑥ ⑦

- ① **KG** : KG AUTO
- ② **Operation**
S : Light only
F : Light / Flash
B : Buzzer
- ③ **Voltage**
D2 : 24V d.c
V2 : 110/220V a.c
- ④ **Stack**
1 : R
2 : R, G
3 : R, Y, G
4 : R, Y, G, B
5 : R, Y, G, B, W
- ⑤ **Lamp spec**
L : LED Lamp
- ⑥ **Bracket specification**
Blank : L type Bracket
P : + Pipe + Plate
D : Direct fixing type
- ⑦ **Body Color**
C : Beige
B : Black

Ø57 Incandescent Lamp

KG - SFB - V2 - 3 P - C

① ② ③ ④ ⑤ ⑥ ⑦

- ① **KG** : KG AUTO
- ② **Operation**
S : Light only
F : Light / Flash
B : Buzzer
- ③ **Voltage**
D1 : 12V d.c
D2 : 24V d.c
V1 : 110V a.c
V2 : 220V a.c
- ④ **Stack**
1 : R
2 : R, G
3 : R, Y, G
4 : R, Y, G, B
5 : R, Y, G, B, W
- ⑤ **Bracket specification**
Blank : L Type Bracket
P : Pipe + Plate
D : Direct fixing type
- ⑥ **Bracket specification**
Blank : LType Bracket
P : + Pipe + Plate
D : Direct fixing type
- ⑦ **Body Color**
C : Beige
B : Black

Ø45 LED SIGN TOWER



Features

1. Ø45 columnar structure of the round geometry.
2. New concept design, visibility enhancement.
3. Lenses for maximum light diffusion as wrinkles.
4. Located at the top of the buzzer and the sound can be controlled volume with dial knob.
5. Shock-resistant polycarbonate material reinforces the reliability by applying the lens.
6. CE

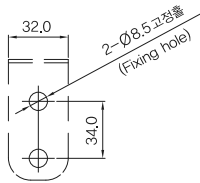
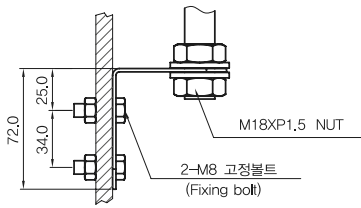
Performance

Division	LED type signal tower lamp			
Model	KG-45S-L	KG-45SB-L	KG-45SF-L	KG-45SFB-L
Function	light only	light & buzzer	light & flash	light, flash & buzzer
Stack	1~5 Stack			
Flashing time			60~70times/min.	
Volume	80dB		80dB	
Power supply voltage	12/24V AC/DC, 110/220V AC (50/60Hz)			
Temp	-5°C ~ 50°C			
Humidity	35% ~ 85% R.H.			
Angle	360°			
Material	Polycarbonate(PC)			
Material	Aluminum			
Color	Red, Yellow, Green, Blue, White			
Degree protection	IP20 indoor			

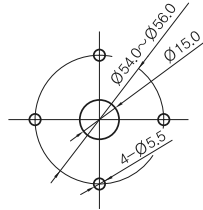
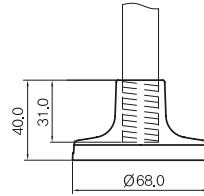
Current consumption

Category		12V AC/DC	24V AC/DC	110V AC	220V AC
Number of stack	1	100mA	100mA	3W	4W
	2	130mA	130mA		
	3	155mA	155mA		
	4	180mA	180mA		
	5	210mA	210mA		

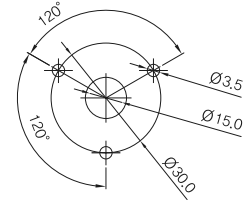
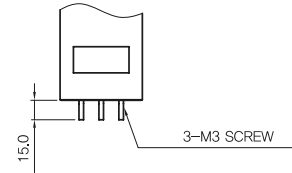
Panel cutout



- L형 브라켓 설치형 -
(L-type bracket installation)



- 받침대 (옵선) 설치형 -
(Plate installation)



- 직접 설치형 (주문형) -
(Direct installation without plate)

Name composition

Ø45 LED Lamp Beige Color

KG - 45 SFB - V2 - 3 L P - C
① ② ③ ④ ⑤ ⑥ ⑦

① **KG** : KG AUTO

② **Operation**

S : Light only
F : Light / Flash
B : Buzzer

③ **Voltage**

D1 : 12V a.c/d.c
D2 : 24V a.c/d.c
V1 : 110V a.c
V2 : 220V a.c

④ **Stack**

1 : R
2 : R, G
3 : R, Y, G
4 : R, Y, G, B
5 : R, Y, G, B, W

⑤ **Lamp spec**

L : LED Lamp

⑥ **Bracket specification**

Blank : L Type Bracket
P : Pipe + Plate
D : Direct fixing type

⑦ **Body Color**

C : Beige

Ø45 LED Lamp Black Color

KG - 45 SFB - V2 - 3 L P - B
① ② ③ ④ ⑤ ⑥ ⑦

① **KG** : KG AUTO

② **Operation**

S : Light only
F : Light / Flash
B : Buzzer

③ **Voltage**

D1 : 12V a.c/d.c
D2 : 24V a.c/d.c
V1 : 110V a.c
V2 : 220V a.c

④ **Stack**

1 : R
2 : R, G
3 : R, Y, G
4 : R, Y, G, B
5 : R, Y, G, B, W

⑤ **Lamp spec**

L : LED Lamp

⑥ **Bracket specification**

Blank : L Type Bracket
P : Pipe + Plate
D : Direct fixing type

⑦ **Body Color**

B : Black

TURN LIGHT SERIES

LED TURN LIGHT

Features

1. Improve quality of machine, smart design.
2. CAP is a high intensity use of polycarbonate.
3. Rotation LED module, High durability.
4. Special plating treatment powerful intensity reflectors.

Name composition

KG- L

① ② ③ ④ ⑤

- ① **Lamp Spec** : L : LED Lamp
- ② **Attaching form** : TL : Bolt type / TQ : Stand type
- ③ **Buzzer** : B Buzzer Type / Blank : None Buzzer
- ④ **Voltage** : D1 : DC12V / D2 : DC24V / V2 : AC110/220V
- ⑤ **Color** : R : Red, Y : Yellow, G : Green, A : Blue

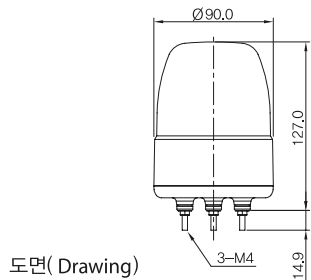


Wiring method

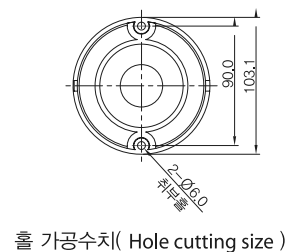
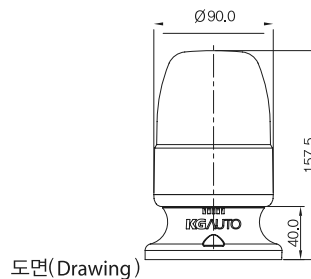
- AC220V (Red)
 - AC110V (White)
 - AC220V (Black)
 - Brown (Buzzer)
-
- DC12V (Red)
 - DC24V (Black)
 - Brown (Buzzer)

External form / Drawing

General type



KG-LTQV2R



TURN LIGHT

Features

1. Improve quality of machine, smart design.
2. CAP is a high intensity use of polycarbonate.
3. Motor's power delivery and staying power is very good.
4. Special plating treatment powerful intensity reflectors.
5. All products with buzzer (Include stand installation type)

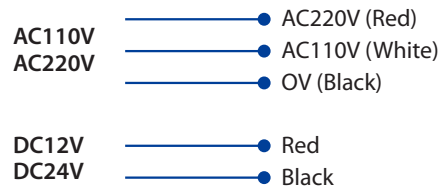
Name composition



- ① **Attaching form** : TL : Bolt type / TQ : Stand type
- ② **Buzzer** : B : Buzzer Type Blank : None Buzzer
- ③ **Voltage** : D1 : DC12V / D2 : DC24V / V2 : AC110/220V
- ④ **Color** : R : Red, Y : Yellow, G : Green, A : Blue



Wiring method

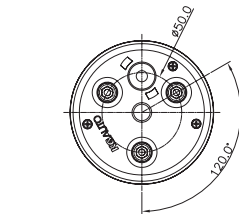
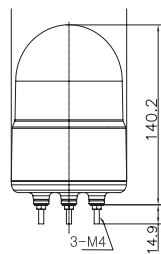


External form/ Drawing

KG-TLV2R



도면(Drawing)

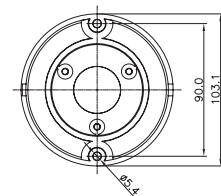
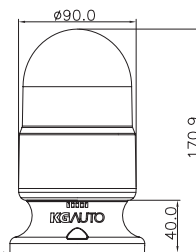


홀 가공수치(Hole cutting size)

KG-TQV2G



도면(Drawing)



홀 가공수치(Hole cutting size)

CONTROL BOX



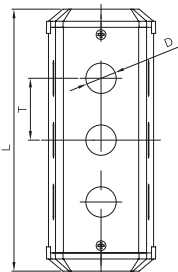
Features

1. The body material is made of cold-rolled steel and ABS
2. The body is produced by the combination of black and silver
3. Switch attachment diameter is $\varnothing 25, \varnothing 30$
4. Control box is produced from 1 hole ~ 6 hole

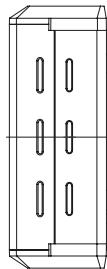
Name composition

Model	CODE		NOTE
KG-CB	<input type="checkbox"/>	<input type="checkbox"/>	ex) KG-CB25-3
Hole size	25		(Hole size) $\varnothing 25$
	30		(Hole size) $\varnothing 30$
Hole quantity		1	1 (Hole)
		2	2 (Hole)
		3	3 (Hole)
		4	4 (Hole)
		5	5 (Hole)
		6	6 (Hole)

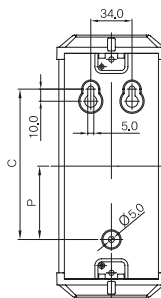
External form / Drawing



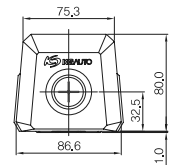
정면도(Front view)



측면도(Side view)



후면도(Rear view)



저면도(Bottom view)

$\varnothing 25, \varnothing 30$ TYPE

Model	(L)	(T)	(D)	(C)	(P)
KG-CB25-1	114	51	$\varnothing 25.3 \pm 0.1$	34	15.5
KG-CB25-1			$\varnothing 30.3 \pm 0.1$		
KG-CB25-2	165	51	$\varnothing 25.3 \pm 0.1$	85	41
KG-CB30-2			$\varnothing 30.3 \pm 0.1$		
KG-CB25-3	216	51	$\varnothing 25.3 \pm 0.1$	136	66.5
KG-CB30-3			$\varnothing 30.3 \pm 0.1$		

Model	(L)	(T)	(D)	(C)	(P)
KG-CB25-4	267	51	$\varnothing 25.3 \pm 0.1$	187	92
KG-CB30-4			$\varnothing 30.3 \pm 0.1$		
KG-CB25-5	318	51	$\varnothing 25.3 \pm 0.1$	238	117.5
KG-CB30-5			$\varnothing 30.3 \pm 0.1$		
KG-CB25-6	369	51	$\varnothing 25.3 \pm 0.1$	289	143
KG-CB30-6			$\varnothing 30.3 \pm 0.1$		

ALUMINUM CONTROL BOX



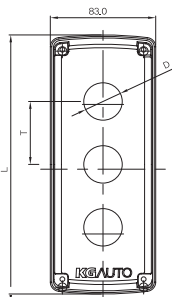
Features

1. There is die cast aluminum body is made of light and durable.
2. Waterproof protection grade is IP-67.
3. The body is produced by the combination of dark gray and beige.
4. The external diameter size is non-porous, $\varnothing 22$, $\varnothing 25$, $\varnothing 30$
5. Aluminium Control box is produced from 1~4 hole.

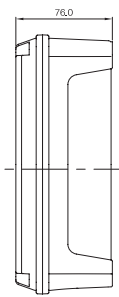
Name composition

Model	CODE		NOTE
KG-ACB	<input type="checkbox"/>	<input type="checkbox"/>	ex) KG-ACB22-1
Hole size	00		Non-porous
	22		Hole size $\varnothing 22$
	25		Hole size $\varnothing 25$
	30		Hole size $\varnothing 30$
Hole quantity		1	1 (Hole)
		2	2 (Hole)
		3	3 (Hole)
		4	4 (Hole)

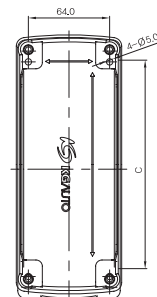
External form / Drawing



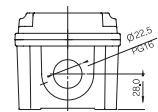
정면도(Front view)



측면도(Side view)



후면도(Rear view)



저면도(Bottom view)

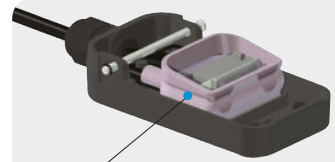
$\varnothing 22$, $\varnothing 25$, $\varnothing 30$ TYPE

Model	(L)	(T)	(D)	(C)	(P)
KG-ACB00-1	108	-	$\varnothing 22.3 \pm 0.1$	69	M4 길이 25mm 머신스크류
KG-ACB22-1					
KG-ACB25-1					
KG-ACB30-1					
KG-ACB00-2	159	51	$\varnothing 22.3 \pm 0.1$	118	or $\varnothing 4$ 길이 25mm 탭핑스크류
KG-ACB22-2					
KG-ACB25-2					
KG-ACB30-2					

Model	(L)	(T)	(D)	(C)	(P)
KG-ACB00-3	210	51	$\varnothing 22.3 \pm 0.1$	169	M4 길이 25mm 머신스크류
KG-ACB22-3					
KG-ACB25-3					
KG-ACB30-4					
KG-ACB00-4	261	51	$\varnothing 22.3 \pm 0.1$	220	or $\varnothing 4$ 길이 25mm 탭핑스크류
KG-ACB22-4					
KG-ACB25-4					
KG-ACB30-3					

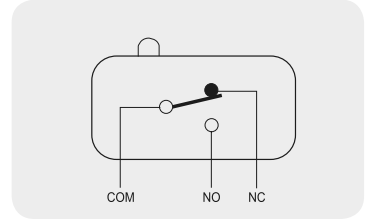
FOOT SWITCH

▶ 방우구조형 (Water-proof)



방우구조 고무형상
(Water-proof structure rubber form)

▶ 회로도



Features

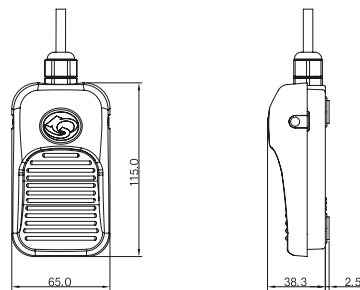
1. The 10A type micro-switch is included inside and guarantees the life when the interception speed in long.
2. The body used the aluminum.
3. The selection is possible to the normal type and water-proof type.

Proper form / Quality of the material

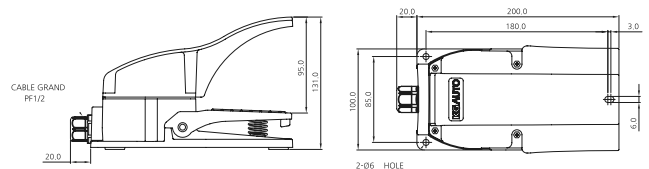
Name	Division	Capacity of contact	Quality of the material	Wire, length
KG-FS10 Normal type		10A 250V a.c	Aluminum die-casting	Wire 전선 0.75mm×2C / Length 길이 1.5M
KG-FS10P Water-proof type		10A 250V a.c	Aluminum die-casting	Wire 전선 0.75mm×2C / Length 길이 1.5M
KG-FS20		15A 250V a.c	Aluminum die-casting	Wire Ø6 ~ 12 선택사용

External form / Drawing

KG-FS10 Normal type



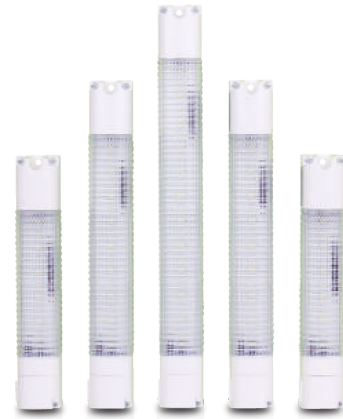
KG-FS20 (1a1b)



LED PANEL LAMP

Features

1. Designed for easily attachment to the panel
2. Bright lights can keep up by using LED lamp
3. Heat-resistant resin using a deformation
4. CE



Name composition

KG - PL - 100 - V

① ② ③

① **PL** : LED Panel Lamp

② **Product form** : 100 : Length / 206mm 200 : Length / 266mm
 300 : Length / 326mm 500 : Length / 506mm

③ **Voltage** : V : 110~220V a.c D : 24V d.c

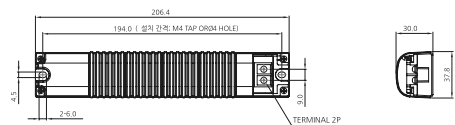
Performance

Model	Frequency	Ambient temperature	Current consumption	Brightness 1M
KG-PL-100D	-	-5℃~	3W 80mA	98 Lux
KG-PL-100V	50/60 Hz	+40℃	20W 90mA	
KG-PL-200D	-	-5℃~	5W 160mA	183 Lux
KG-PL-200V	50/60 Hz	+40℃	20W 90mA	

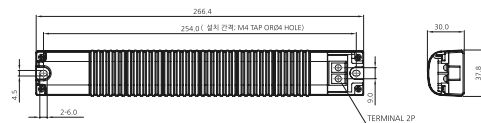
Model	Frequency	Ambient temperature	Current consumption	Brightness 1M
KG-PL-300D	-	-5℃~	5W 90mA	235 Lux
KG-PL-300V	50/60 Hz	+40℃	20W 90mA	
KG-PL-500D	-	-5℃~	5W 90mA	435 Lux
KG-PL-500V	50/60 Hz	+40℃	20W 90mA	

External form/ Drawing

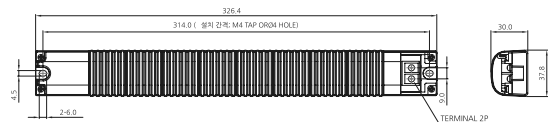
KG-PL-100V
KG-PL-100D



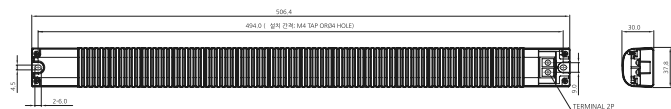
KG-PL-200V
KG-PL-200D



KG-PL-300V
KG-PL-300D



KG-PL-500V
KG-PL-500D



WATER-PROOF PUSH BUTTON



Features

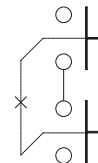
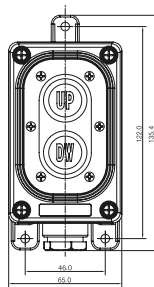
1. DP-26A is general automatic machine and will be able to use widely with the switch of on/off operation.
2. It planned to style the water-proof of vertical scope 60° which does not have the effect harmful.
3. SH02210-7002

Proper form / Quality of the material

Name	Division	Rating	Contact block	Contact terminal	Symbol marks	Case material
KG-DP26A		6A 250V a.c	1a-1a	M4	UP(Black)	High impact ABS
KG-DP26T			2a-2a		DW(Red)	

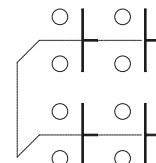
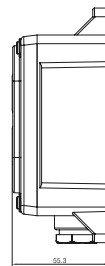
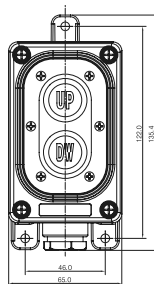
External form / Drawing

KG-DP26A



<1a-1a, 1단>

KG-DP26T



<2a-2a, 1단>

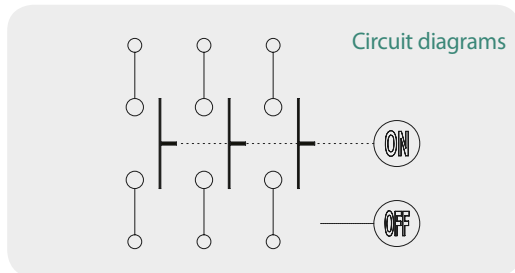
ON/OFF POWER PUSH BUTTON SWITCH

Features

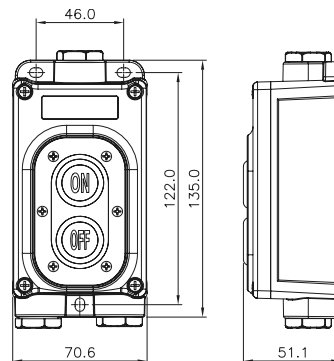
1. General motor single-phase, triple-phase, Use with power opening and shutting.
2. Contact quality of material is AgSnO₂, The large capacity, long life, excellent reliability rating.
3. SH02210-8001
4. IP-66

Proper form / Quality of the material

Name	Division	Capacity of contact	Quality of the material	Symbol marks	Contact terminal
KG-MP15 Water-proof type		3P, 15A 250V AC	body : ABS Contact part : nylon	ON(Black) OFF(Red)	M4



External form / Drawing



KGAUTO
www.kgauto.co.kr

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