



Ø30 PUSHBUTTON SWITCH

KH-30XX Series



CLASSIFICATION

KH-30XX – 1 1 R

① ②③④

① SHAPE	08	PROTECTIVE GUARD
	81	PUSHBUTTON
	81EB	MUSHROOM HEAD
	40	Ø40 HEADPUSHBUTTON
	46ER	MUSHROOM HEAD/MAINTAINED/TURN TO RETURN
	65EB	Ø75 HEAD PUSHBUTTON
	66EB	Ø75 HEAD PUSHBUTTON/PROTECTIVE RING
② CONTACT	NUMBER OF NO CONTACT	
	NUMBER OF NC CONTACT	
④ COLOR	R	RED
	G	GREEN
	Y	YELLOW
	BK	BLACK



CONTROL COMPONENTS

SQUARE LIGHT

TOWER LIGHT

MICRO SWITCH

FOOT SWITCH

LIMIT SWITCH

POWER SWITCH

HOIST SWITCH

CAM SWITCH

BUZZER

PHOTO SENSOR

PROXIMITY SENSOR

FLOATLESS LEVEL SWITCH

TIMER & COUNTER

RELAY

SOCKETS

TERMINAL BLOCK

CONTROL BOX

PID TEMP. CONTROLLER

KH-3008



- Protective guard for avoiding mal-operation
- Momentary action
- Materials
Body: Nylon glass
Contact housing: Nylon glass
Ring: ABS (chrome plated)

KH-3081, -3081EB



- Momentary action
- Materials
Body: Phenol
Contact housing: Nylon glass
Ring: ABS (chrome plated)

KH-3040



- Protective guard for avoiding mal-operation
- Momentary action
- Ø40 big head
- Materials
Body: Phenol
Contact housing: Nylon glass
Ring: Aluminum die-casting (chrome plated)



KH-3046ER



- Body is made of Zinc alloy die-casting
- Maintained action (turn to reset)
- Materials
 - Body: Zinc alloy die-casting
 - Contact housing: Nylon glass
 - Ring: Aluminum

KH-3065EB



- Ø75 big head
- Momentary action
- Materials
 - Body: Zinc alloy die-casting
 - Contact housing: Nylon glass
 - Ring: Zinc alloy die-casting (chrome plated)
 - Button: Phenol

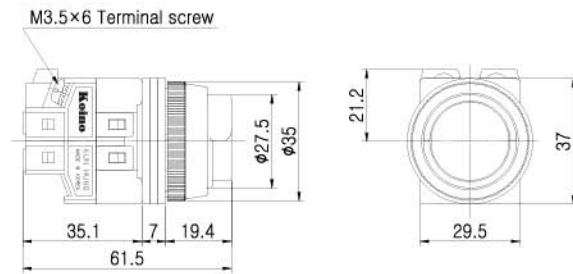
KH-3066EB



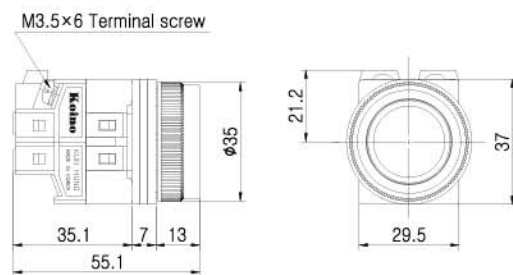
- Ø75 big head
- Protective guard for avoiding mal-operation
- Momentary action
- Materials
 - Body: Zinc alloy die-casting
 - Contact housing: Nylon glass
 - Ring: Zinc alloy die-casting (chrome plated)
 - Button: Phenol



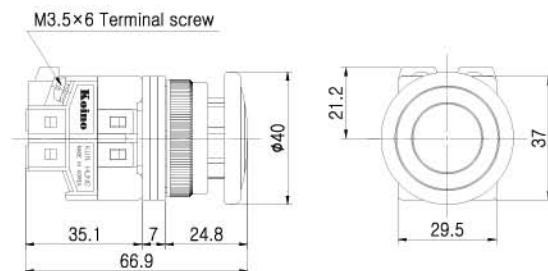
KH-3008



KH-3081



KH-3081EB



CONTROL COMPONENTS

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TOWER LIGHT

MICRO SWITCH

FOOT SWITCH

LIMIT SWITCH

POWER SWITCH

HOIST SWITCH

CAM SWITCH

BUZZER

PHOTO SENSOR

PROXIMITY SENSOR

FLOATLESS LEVEL SWITCH

TIMER & COUNTER

RELAY

SOCKETS

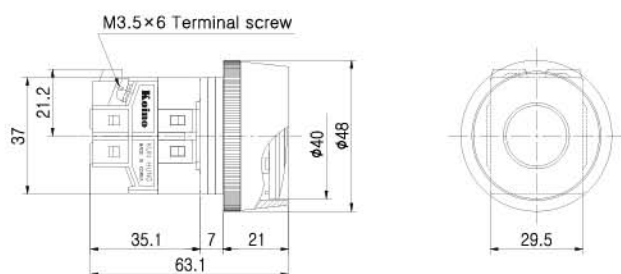
TERMINAL BLOCK

CONTROL BOX

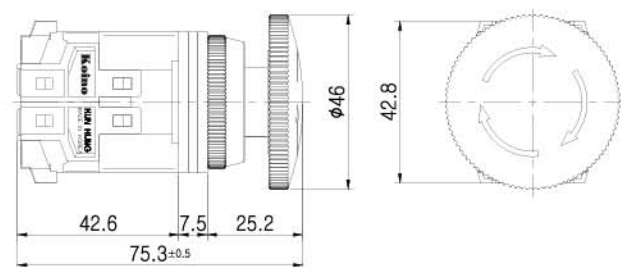
PID TEMP. CONTROLLER



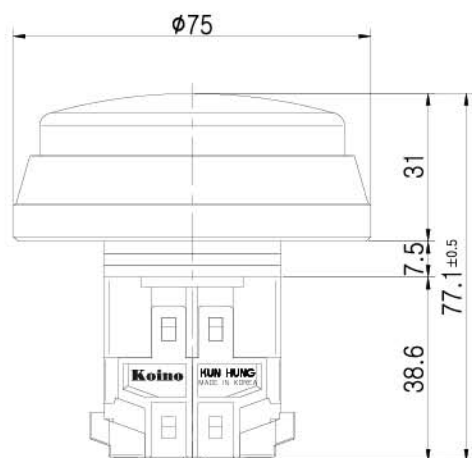
KH-3040



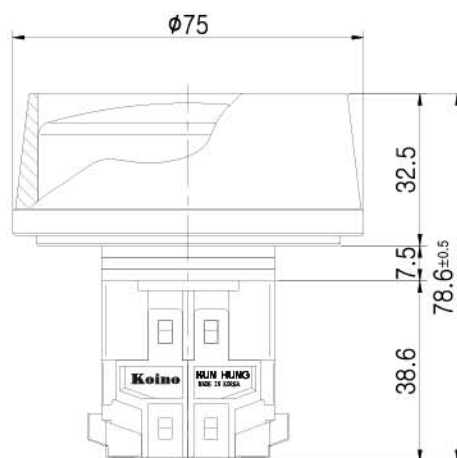
KH-3046ER



KH-3065EB



KH-3066EB




**CONTROL
COMPONENTS**
SQUARE
LIGHTTOWER
LIGHTMICRO
SWITCHFOOT
SWITCHLIMIT
SWITCHPOWER
SWITCHHOIST
SWITCHCAM
SWITCH

BUZZER

PHOTO
SENSORPROXIMITY
SENSORFLOATLESS
LEVEL SWITCHTIMER &
COUNTER

RELAY

SOCKETS

TERMINAL
BLOCKCONTROL
BOXPID TEMP.
CONTROLLER

Technical Information

Switching System

The switching element of KH-30XX is equipped with normally open contact and normally closed contact.

1A, 1B, 2A, 2B 1A1B, 2A2B 3A1B and 1A3B contacts are available. Normally 4 contact blocks can be assembled

Mechanical Characteristics

Mechanical Lifetime

KH-3008 : 1,000,000 Cycles of operation

KH-3081, -3081EB: 1,000,000 Cycles of operation

KH-3040: 250,000 Cycles of operation

KH-3046ER: 250,000 Cycles of operation

KH-3065EB: 250,000 Cycles of operation

KH-3066EB: 250,000 Cycles of operation

Electrical Characteristics

Standards

This product comply with “ Standards for low-voltage switching devices” EN IEC 60947-5-1

Contact Ratings

125VAC 10A, 250VAC 6A (resistive load)

Insulation Resistance

Minimum 100M Ω (500VDC)

Contact Resistance

Maximum 30m Ω

Electrical Lifetime

100,000 cycles of operation



Electrical Characteristics—continues

Dielectric Strength

Between Live Parts: 1,500VAC(50/60Hz) for 1 minute

Between Live and Dead Parts: 1,500VAC(50/60Hz) for 1 minute

Environmental conditions

Operational Temperature

-25°C~+50°C(NOT FREEZING CONDITION)

Operational Humidity

45~85%RH

Protection Degree

IP40

Shock Resistance

KH-3008, KH-3081, KH-3081EB: Approximately 50G

KH-3040, KH-3046, KH-3065EB, KH-3066EB: Approximately 20G

Vibration Resistance

10~55Hz double amplitude 1.5mm (at X, Y and Z axis)

Approvals

Approbations

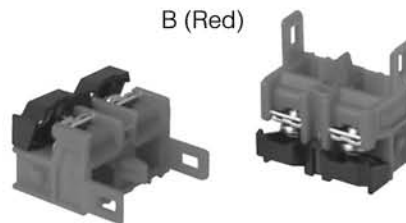
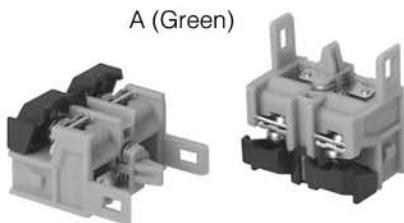
CCC

Declaration of Conformity

NONE

ACCESSORIES

Contact Block



Dummy Block



Contact Block Guard



Anti-rotating Ring



Ø22, Ø25, Ø30

Aluminum Ring



Ø25, Ø30

Safety Cover



KA-005 (Ø25), KA-22(Ø252)
KA-25 (Ø25), KA-30(Ø30)



PC-25(Ø25)
PC-30(Ø30)



SC-022(Ø22)
SC-025(Ø25)
SC-030(Ø30)

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