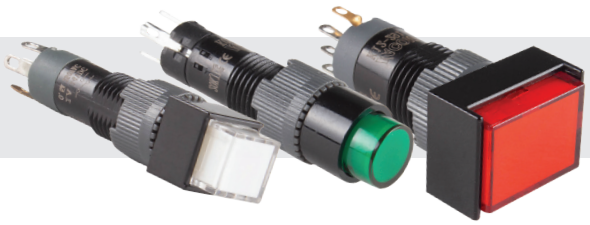


K08/10/12 Series

Small Control Switches / Pilot Lamps

CE

Ordering Information

K ① - ② ③ ④ - ⑤ - ⑥ VDC

① Size	08	Ø8mm
	10	Ø10mm
	12	Ø12mm
② Operation Type	1	Pilot Lamp
	2	Momentary
③ Illumination & Shape	1	Non-Illuminated Round
	2	Non-Illuminated Square
	3	Non-Illuminated Rectangular
	7	Illuminated Round
	8	Illuminated Square
	9	Illuminated Rectangular
④ Contact Form	0	No Contact **
	1	SPDT (1NO + 1NC)
	2	DPDT (2NO + 2NC) ***
⑤ Color	R	Red
	Y	Yellow
	G	Green
	B	Blue
	W	White
⑥* Rated Voltage	6	6VDC
	12	12VDC
	24	24VDC

* For Illuminated type only
** For Pilot Lamp only
*** For Ø12mm Illuminated type only

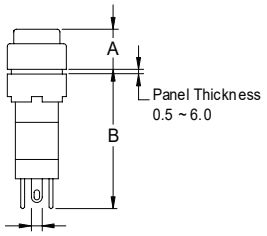
Specifications

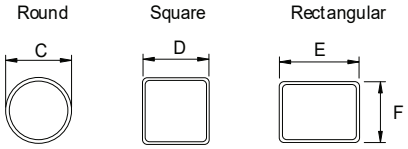
Contact Ratings	Contact Material	Ag alloy (Au Plate)
	Rated Current (Resistive Load)	1A 24VDC
		1A 120VAC
		0.5A 240VAC
	Maximum Switching Current	3A
	Maximum Rated Voltage	250VAC, 110VDC
LED Module Ratings	Rated Current	15mA
	Life Cycle	50,000 hrs
	Rated Voltage	6, 12, 24VDC
General Ratings	Dielectric Strength	2,000VAC (1 minute)
	Life Cycle	Mechanical Momentary : Min. 200,000
		Mechanical Maintained : Min. 100,000
		Electrical : Min 100.000
	Degree of Protection	IP40
	Terminal Soldering Temperature	20W 5 sec / 260°C 3 sec
	Ambient Temperature	-25°C to +55°C (with no icing or condensation)

* LED working 50% less than the original brightness after 50000 hours.

Dimensions

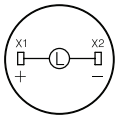
Unit: mm



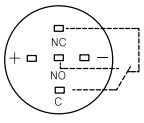


	A	B	C	D	E	F
K08	9	29	Ø9	9	12	9
K10	9	29	Ø12	12	16	12
K12	9	29	Ø14	14	18	14

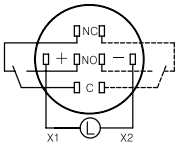
Wiring Diagram



Pilot Light



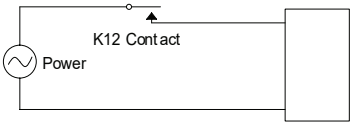
1C



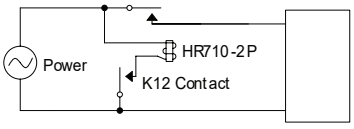
2C

1. L Illuminated Push Button Pilot Light

Caution



Bad example



Good example

- When using Ø8, Ø10 and Ø12 small Control Switches as the main power switch for the control unit, follow the instructions below for ensure long life and safety of the device.
- When rectifying the AC current for the DC power for lighting, the DC power must be a constant voltage source with a ripple range of 10 % or less.
- Do not apply excessive impact or force to prevent damage to the product.
- Excessively high soldering temperature and prolonged soldering time may lead to the damage to the product. Comply with the specifications.
- The product has a built-in current limiting resistor, and no additional resistor is required.