KG series

Power rocker switches



DISTINCTIVE FEATURES

Protected rocker
Illuminated or non-illuminated



ENVIRONMENTAL SPECIFICATIONS

- Salt spray resistance : 96 hours according to IEC 512-6, test 11f
- Operating temperature :
  2 position models : -40 °C to + 85 °C (-40 °F to +185 °F)
  3 position models : -10 °C to + 65 °C (-14 °F to +149 °F)

ELECTRICAL AND GENERAL SPECIFICATIONS

- Currrent/voltage rating :
  - functions 1 (ON-OFF) and 6 (ON-ON) : 15 A 12 VDC, 10 A 24 VDC max., 10 mA 14 VDC min.
  - functions 4 (ON ON ON) and 4-1R (ON ON MOM) : 8 A 12 VDC, 5 A 24 VDC max.
  - other functions : 10 A 12 VDC, 8 A 24 VDC max.
- Initial contact resistance : 10 mΩ max. at 1 A 2 VDC
- Insulation resistance : 1,000 MΩ min. at 500 VDC
- Dielectric strength : 2,000 Vrms 50 Hz min. between terminals
- Electrical life : 10,000 cycles min.
- Mechanical life : 2 position models : 100,000 cycles min.
  3 position models : 30,000 cycles min.
- Panel cut-out : 36.80 x 21.08 mm (1.149 x .830)
- Panel thickness : 0.8 mm to 4.6 mm
- Recommended thickness : between 2 mm and 3.5 mm

The company reserves the right to change specifications without notice.

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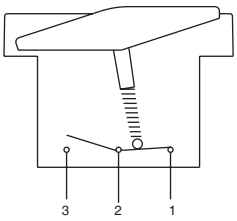
KG series

Power rocker switches

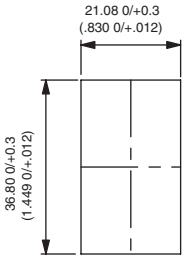
MATERIALS

- Case : thermoplastic UL94-V0
- Terminals : brass, silver plated
- Contacts : silver grain
- Contact roller : brass, nickel plated

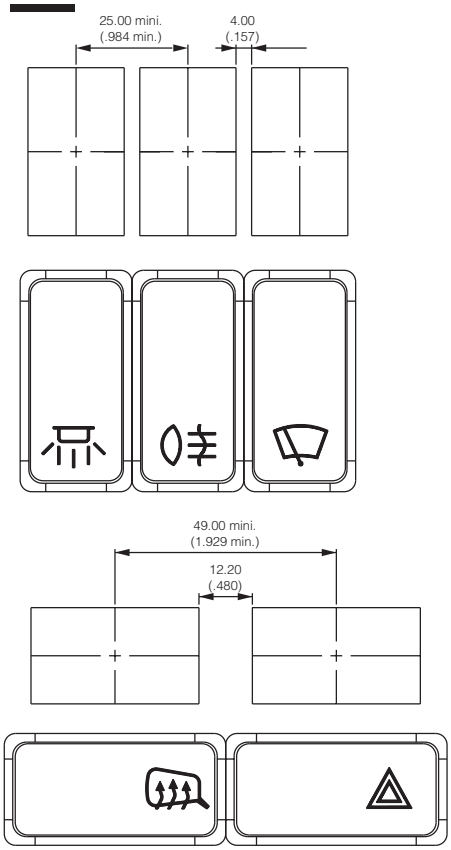
ELECTRICAL FUNCTIONS



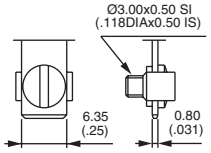
PANEL CUT-OUT



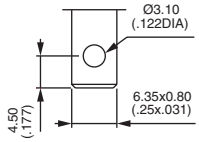
MATRIX MOUNTING



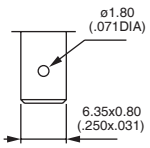
TERMINALS



Screw



Solder lug / quick-connect



Normalized quick-connect 6.35x0.8

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KG series

Power rocker switches

BUILD YOUR PART NUMBER

CASE + LAMPS

KG | _ | _ | _ | _ | _ | Side A | Side B | _

SERIES

POLES

3	Single pole
4	Double pole

ELECTRICAL FUNCTIONS

1	ON	-	OFF
4	ON	ON	ON
4-1R	ON	ON	MOM
5	MOM	-	ON
6	ON	-	ON
7	MOM	OFF	MOM
8	ON	OFF	MOM
9	ON	OFF	ON

TERMINALS

0	Screw
2	Solder lug / quick- connect
3	Normalized quick-connect

CONTACTS

A	Silver grain

BEZEL

2	Black, sealed to IP65

LAMPS

LED 6 V, 12 V, 18 V

Filament 6 V, 12 V, 24 V

Codes, see website.

LAMP WIRING

See following pages.

ACTUATOR

_ | _ | Side A | Side B

ROCKER COLOR

1	Blue	5	Yellow
1/4	Dark blue	6	Red
2	Black	7	Ivory
3	Green	9	Orange
4	Grey		

ROCKER SHAPE

Full rocker, opening on one side or on two sides : see following pages.

LENS COLOR

X	No lens	9	Orange
1	Blue*	B	White
3	Green*	T	Translucent
6	Red		

*Blue or green lens recommended with fluorescent lamp.

Actuator marking and symbols : see end of the series.

ABOUT THIS SERIES

Notice : please note that not all combinations of above numbers are available. Refer to the following pages for further information.

Sealing boot are available to protect the switches against dust and water. See "Sealing Boots" section of website.

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KG series

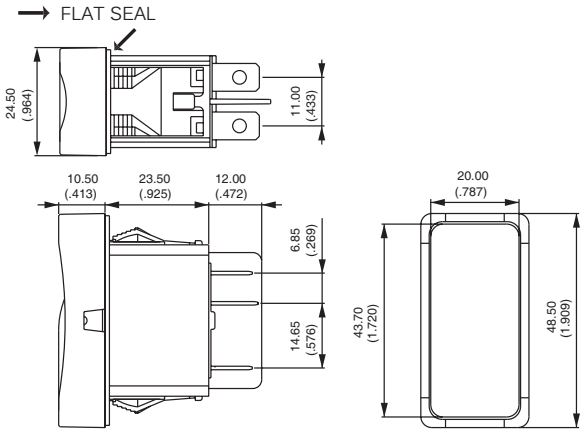
Power rocker switches

SOLDER LUG / QUICK-CONNECT TERMINALS



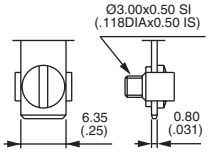
Single pole	Double pole	2-3 / 5-6		1-2 / 4-5
KG31	KG41	ON	-	OFF
	KG44*	ON	ON	ON
	KG44-1R*	ON	ON	MOM
	KG45*	MOM	-	ON
KG36	KG46	ON	-	ON
KG37	KG47	MOM	OFF	MOM
KG38	KG48	ON	OFF	MOM
KG39	KG49	ON	OFF	ON

* Function 4 & 5 : single pole in double pole case

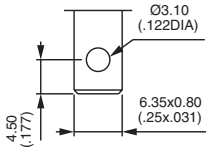


CASE + LAMPS | TERMINALS | BASIC P/N | ACTUATOR

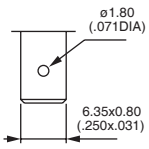
- 0 Screw
- 2 Solder lug / quick-connect
- 3 Normalized quick-connect



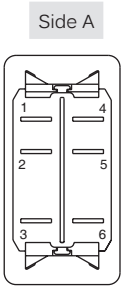
0



2



3



Terminals 1 to 6 are marked on the case.
Side A : terminals 1 and 4
Side B : terminals 3 and 6

CASE + LAMPS | CONTACT MATERIALS | BASIC P/N | ACTUATOR

- A Silver grain

CASE + LAMPS | BEZEL | BASIC P/N | ACTUATOR

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KG series

Power rocker switches

CASE + LAMPS

LAMPS

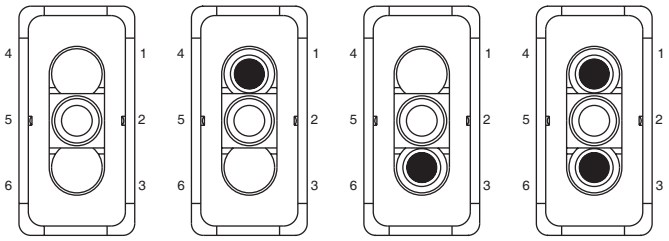
BASIC P/N | Side A | Side B | ACTUATOR

Complete each enlarged box with one of the codes listed below.

X	Without LED
O	Filament 6 V
P	Filament 12 V
R	Filament 24 V

	Red	Green	Yellow	Blue	White
6 VDC	A	B	C	1	W
12 VDC	D	E	F	Z	V
18 VDC	G	H	I	-	-
24 VDC	J	K	L	Y	U

Side A



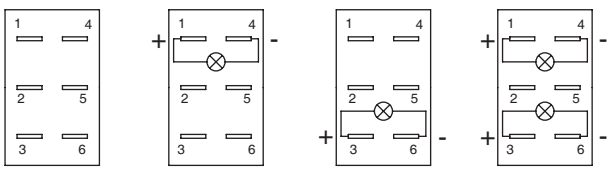
Side B

CASE + LAMPS

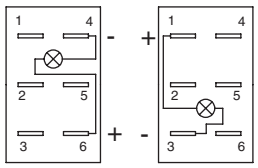
LAMP WIRING

BASIC P/N | ACTUATOR

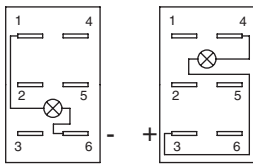
The lamp wiring diagram is shown on the case.
To order case only (without rocker), finish your order number with the lamp wiring code.



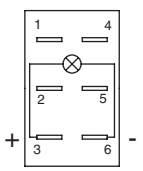
A
standard



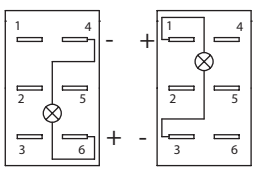
B



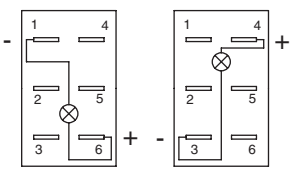
C



D *



E



F

* For function 1 (on-off) with LED on side A

Note : If not available, terminals are added to connect the LED.

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KG series

Power rocker switches

ACTUATOR — ROCKER COLOR

BASIC P/N | CASE + LAMPS | [ ] | | | | | | |

To order rocker only (without case), begin the order number with code KGR, then follow the order format from "rocker color" until the end of the options.

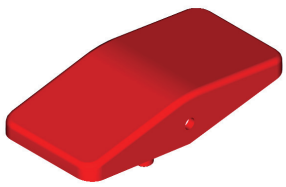
1	Blue	5	Yellow
1/4	Dark blue	6	Red
2	Black	7	Ivory
3	Green	9	Orange
4	Grey		

ACTUATOR — ROCKER SHAPE

BASIC P/N | CASE + LAMPS | | [ ] | | | | | |

1	Full rocker
4	Opening on side A
6	Opening on side B
8	Opening on sides A and B

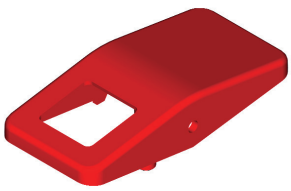
Other rocker shapes on customer specifications : on request.



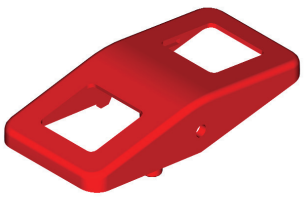
1



4



6



8

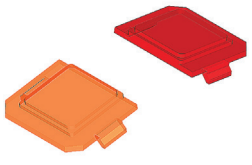
ACTUATOR — LENS COLOR

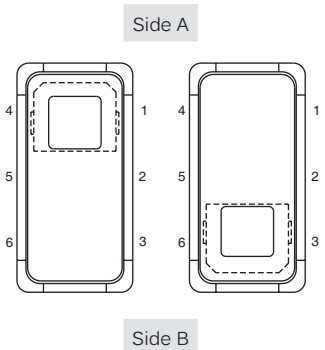
BASIC P/N | CASE + LAMPS | | | Side A | Side B | | | |

To order lenses only, begin the order number with the codes : KGLA for lens A and KGLB for lens B, then follow the order format from "lens color" until the end of the options.

Complete each enlarged box with one of the codes listed below.

X	No lens
1	Blue *
3	Green *
6	Red
9	Orange
B	White
T	Translucent





* Blue or green lens recommended with fluorescent lamp.

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KG series

Power rocker switches

ACTUATOR

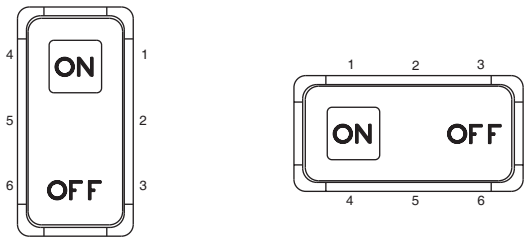
MARKING

BASIC P/N	CASE + LAMPS							

If no marking required, leave box blank.

Marking by hot stamping

Other orientations : on request



CV CH

ACTUATOR

SYMBOLS

BASIC P/N	CASE + LAMPS						A	B

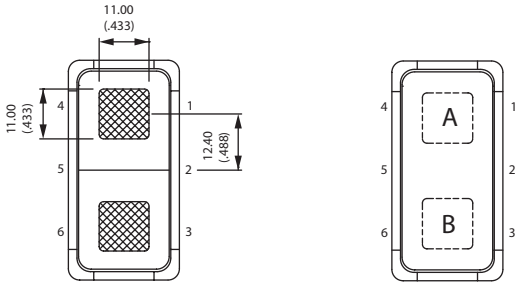
XX No symbol

If no marking required, end up the part number with Actuator marking orientation (see above)

Available symbols
Complete each enlarged box with the one of the codes listed on the following pages.

Marking color
White marking for black rockers - Black marking for color rockers

Marking area
For illuminated versions. The symbol will be included in the hatched area.



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