

**NEW !**

# KG SERIES

## POWER ROCKER SWITCHES

### Distinctive features and specifications

- Illuminated or non-illuminated
- Protected rocker
- Sealed to IP 65
- Laser marking option
- VDE (EN 61058-1) approved

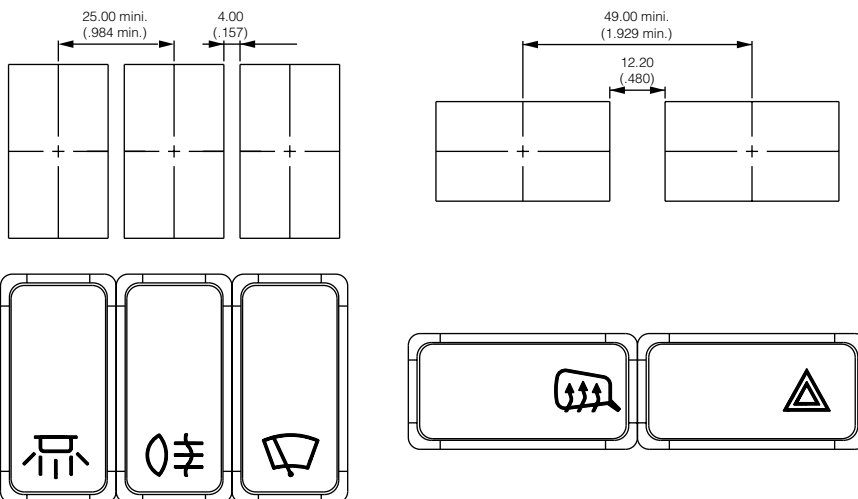
#### ELECTRICAL SPECIFICATIONS

- Current/voltage rating :
  - functions ON-OFF and ON-ON : 15A 12VDC, 10A 24VDC, 15A 250VAC max. 10mA 14VDC min.
  - fonction ON-ON-ON : 10A 12VDC, 5A 24VDC, 10A 250VAC max.
  - other functions : 10A 12VDC, 8A 24VDC, 10A 250VAC max.
- VDE approved ratings : 12(4)A 250VAC, T85/55°C
- Initial contact resistance : 10 mΩ max. at 1A 2VDC
- Insulation resistance : 1.000 MΩ min. at 500VDC
- 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.

#### ENVIRONMENTAL SPECIFICATIONS

- Degree of protection : IP 65
- Shock resistance : 100 g according to IEC 512-4, test 6c
- Vibration resistance : 10-500 Hz - 10 g according to IEC 512-4, test 6d
- Salt spray resistance : 96 hours according to IEC 512-6, test 11f
- Moisture resistance : 56 days according to IEC 68-2-3
- Operating temperature : 2 position models : -40°C to + 85°C  
3 position models : -10°C to + 65°C

#### MATRIX MOUNTING



**Dimensions** : First dimensions are in mm while inches are shown as bracketed numbers.



**Packaging unit** : 40 pieces

#### MATERIALS

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

#### REAR PROTECTION OR SEALING

The KG switches are also available with flying lead terminals (lead 16AWG max.) :

- Models with **protection cover**, as shown on photo below,
- Models with **rear sealing** provided by the overmoulding of terminals in a resin base.

On request.



#### AGENCY APPROVAL



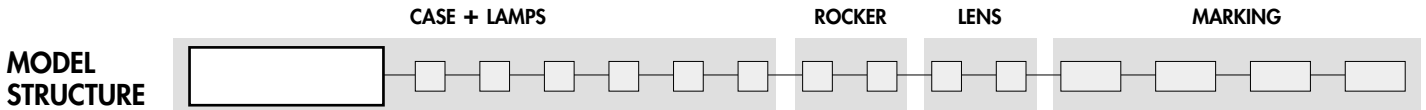
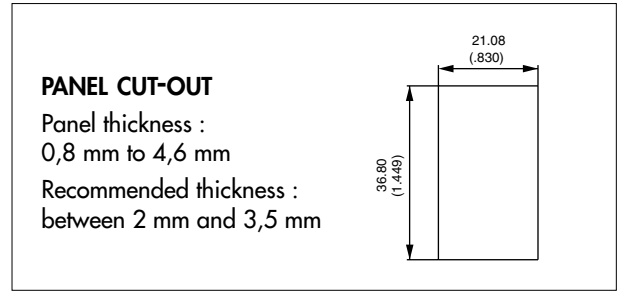
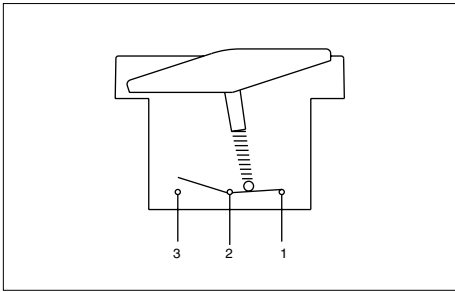
EN 61058-1

**Availability** : double pole models, functions ON-OFF and ON-ON.

**Marking** : to order switches marked VDE, add "VDE" at the end of model number.

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# KG SERIES POWER ROCKER SWITCHES Case

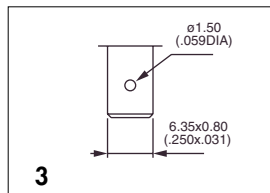
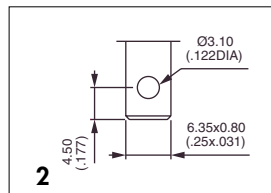
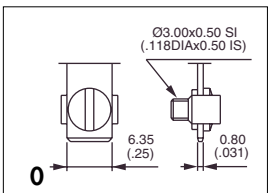
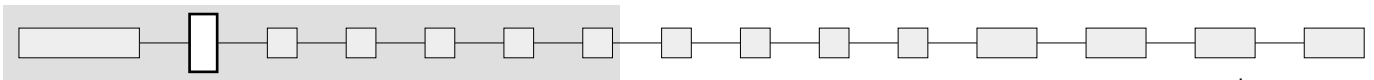


	2-3	1-2	
	5-6	4-5	
Single pole	ON	OFF	
Double pole	ON ON	ON ON	
KG31	KG41	KG44*	
KG35	KG45	KG45	
KG36	KG46	KG46	
KG37	KG47	KG47	
KG38	KG48	KG48	
KG39	KG49	KG49	

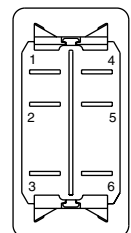
\* Function 4 : single pole in double pole case

→ Flat seal

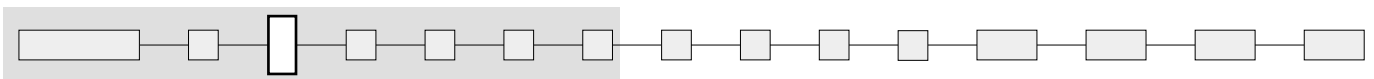
## TERMINALS



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



## CONTACT MATERIALS



**A** Silver grain  
 Functions ON-OFF and ON-ON : 15A 12VDC , 10A 24VDC , 15A 250VAC max. - 10mA 14 VDC min.  
 Other functions : 10A 12VDC, 8A 24VDC, 10A 250VAC max.

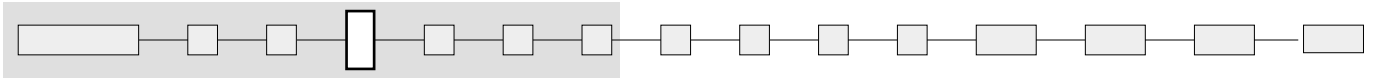
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# KG SERIES

## POWER ROCKER SWITCHES

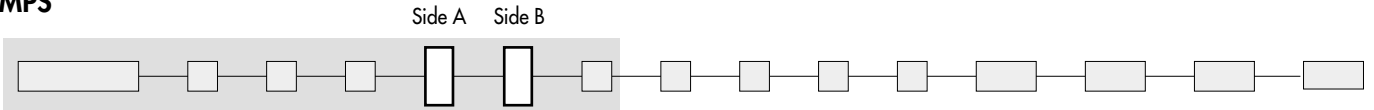
### Lamps

**BEZEL**



**2** Black, sealed to IP 65

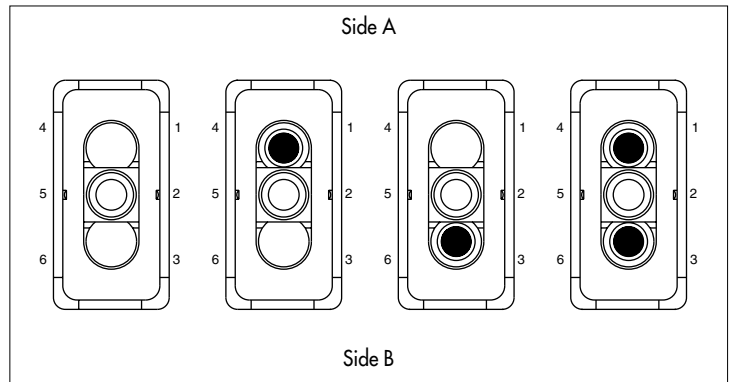
**LAMPS**



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

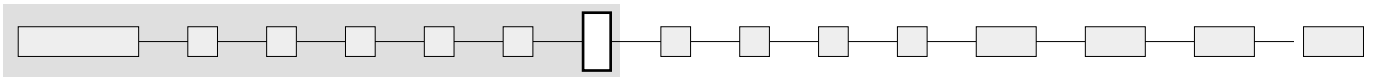
<b>X</b>	Without lamp
<b>A</b>	6V LED red
<b>B</b>	6V LED green
<b>C</b>	6V LED yellow
<b>D</b>	12V LED red
<b>E</b>	12V LED green
<b>F</b>	12V LED yellow

<b>J</b>	24V LED red
<b>K</b>	24V LED green
<b>L</b>	24V LED yellow
<b>M</b>	Neon 125V
<b>N</b>	Neon 250V
<b>O</b>	Filament 6V
<b>P</b>	Filament 12V
<b>R</b>	Filament 24V
<b>S</b>	Fluorescent 220V



**LAMP WIRING**

The lamp wiring diagram is shown on the case.



**J**

**A (standard)**

**B**

**C**

**D - for function 1 (on-off) with lamp on side A**

To order case only (without rocker), finish your order number with the lamp wiring code.

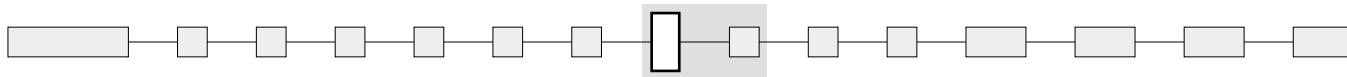
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# KG SERIES

## POWER ROCKER SWITCHES

### Rockers - lenses

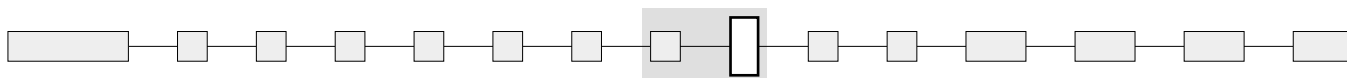
#### ROCKER COLOUR



1	Blue
2	Black
3	Green
4	Grey

5	Yellow
6	Red
7	Ivory
9	Orange

#### ROCKER SHAPE



**1**  
Full rocker



**4**  
Opening on side A



**6**  
Opening on side B

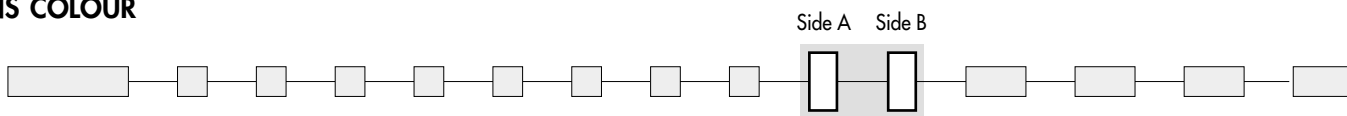


**8**  
Opening on sides A and B

Other rocker shapes on customer specifications : on request.

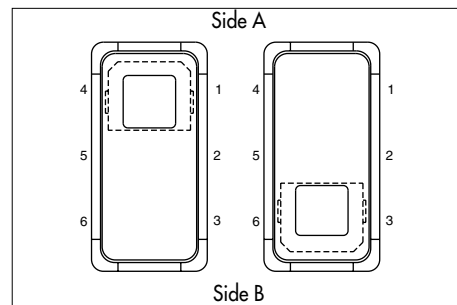
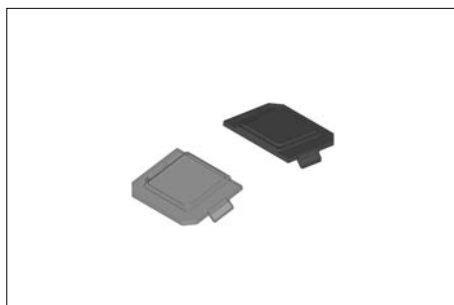
**To order rocker only (without case), begin the order number with code KGR, then follow the order format from "rocker colour" until the end of the options.**

#### LENS COLOUR



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



\* With green or blue lens, use fluorescent lamp only.

**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 colour" until the end of the options.**

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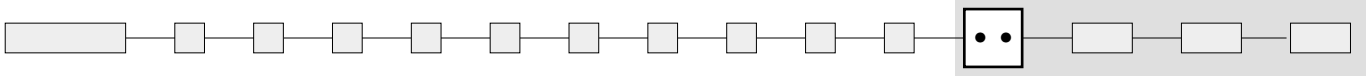
# KG SERIES

## POWER ROCKER SWITCHES

### Marking

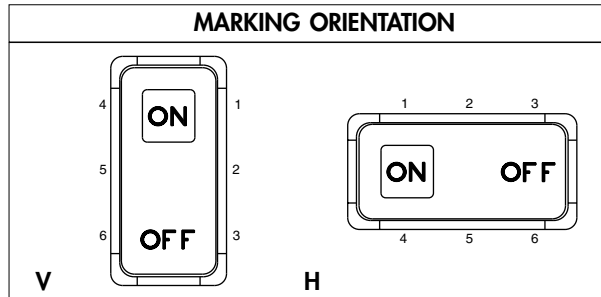
#### MARKING

If no marking required, leave all boxes blank.



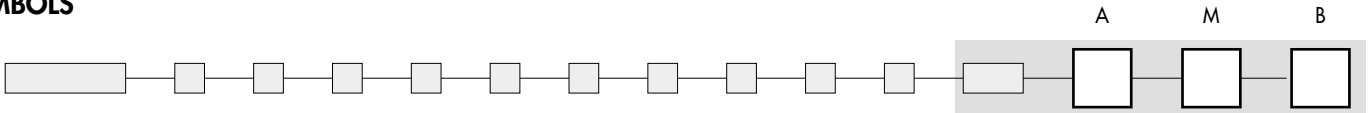
Select one option from each of the tables below.

MARKING METHOD	
L	Laser
C	Hot stamping



Other orientations :  
on request

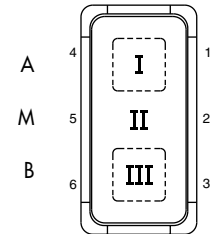
#### SYMBOLS



White marking for black rockers - Black marking for colour rockers - Other : on request.

CODE	SYMBOL	DESCRIPTION
XX	None	-
01	ON	-
02	OFF	-
03	○	-
04		-
05		-
06	STOP	-
07	A	Stop
08	M	Motion
09	△	Up motion

CODE	SYMBOL	DESCRIPTION
10	▽	Down motion
11	☀	Hot
12	✱	Cold
13	△	Hazard lights
14	☂	Traveller lighting
15	☂	Driver lighting
16	☂	Revolving light
17	⌘	Rear ventilator
18	☁	Heating
19	🚪	Door opening



20		2 1	Windshield demister/defroster
21		2 1	Windshield wiper
22			Windshield washer
23			Ventilator
24			Side mirror defroster
25			Restarting pump
26			Front fog lights
27			Rear fog lights