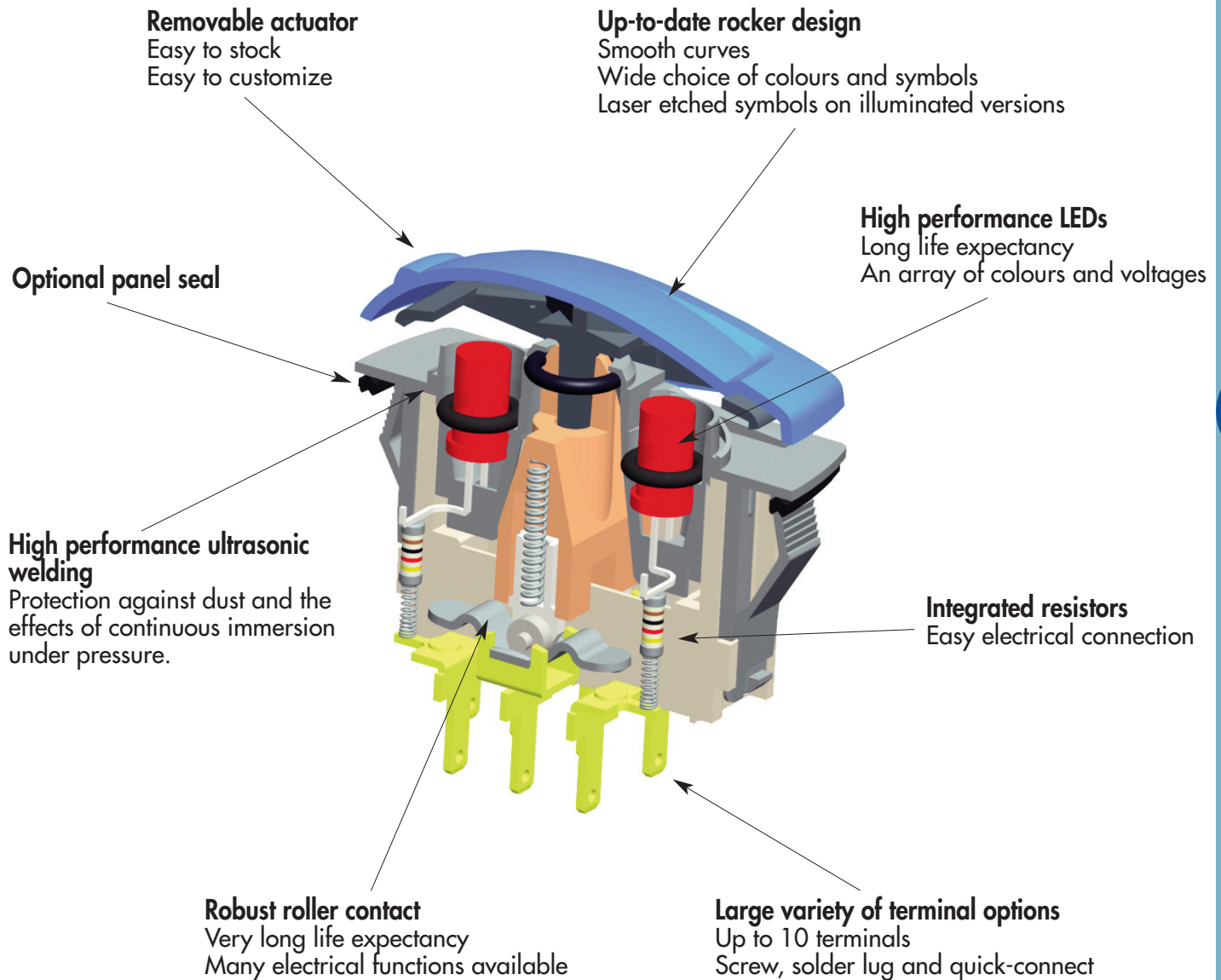


### Attractive rugged rocker switch

UG1410A-R2



APEM will be happy to develop custom product solutions. Please contact us with your requirements.

# KR series

## Power rocker switches

### Specifications



- ❑ Unique rocker design
- ❑ Wide choice of colours
- ❑ Laser etched symbols
- ❑ Illuminated or non-illuminated
- ❑ Optionally sealed to IP68 or IP69K

#### ELECTRICAL SPECIFICATIONS

- Current/voltage rating with resistive load :
  - Silver plated contacts :  
**A** : 5A 24VDC, 100.000 cycles - 10A 24VDC, 10.000 cycles (terminals 6.35 x 0.8 only)
  - S** : 20A 12VDC, 10.000 cycles (see Overview)
  - Gold plated contacts (D) : 20mA 12V, 150.000 cycles
- Current/voltage rating with lamp load - silver contacts (A) :
  - functions 1 & 6 : 100W 24VDC, 10.000 cycles
  - other functions : 60W 24VDC, 10.000 cycles
- Initial contact resistance : 10 mΩ max.
- Insulation resistance : 1.000 MΩ min. at 500VDC
- Dielectric strength : 2.000 Vrms 50 Hz min. between terminals
- Mechanical life : 150.000 cycles min.

#### MATERIALS

- Case : PA 6-6
- Actuator : ABS
- Bezel : PA 6-6
- Contacts & terminals : brass, solid silver grain, silver plated (**A or S**) or brass, solid silver grain, gold plated (**D**)
- Contact roller : brass, nickel plated

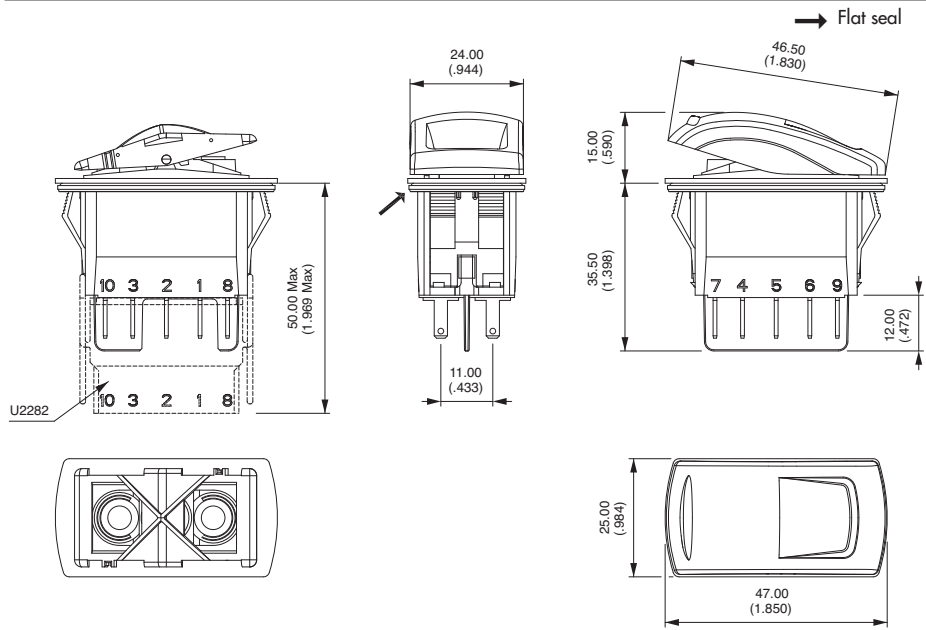
#### SEALING

Sealing is optional.  
To order a sealed product, complete the appropriate box of ordering format on the following pages.

#### ENVIRONMENTAL SPECIFICATIONS

- Sealing options :
  - K : IP68 to front panel components of switch only according to IEC 60529
  - Z : IP69K panel sealing according to DIN 40050-9
- Salt spray resistance : 96 hours according to IEC 512-6, test 11f
- Vibration resistance : 10-500 Hz / 10 g per IEC 60068-2-6
- Operating temperature : -40°C to +85°C

#### DIMENSIONS



Packaging unit : 40 pieces

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

HOW TO ORDER

- To order a complete product, fill in all the boxes of the following order guide.
- To order case only (without actuator), finish your order number with the LED wiring code.
- To order actuator only (without case), begin the order number with code KRR, then follow the order format from "actuator type" until the end of the options.

CASE + LEDS

|                                                                                                                                                                       |                                |                                                                                                                                                                                                                                                                                                            |                                             |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                 |                      |        |        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------|--------|--|
| KR                                                                                                                                                                    |                                |                                                                                                                                                                                                                                                                                                            |                                             |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                 |                      | Side A | Side B |  |
| SERIES                                                                                                                                                                | Poles                          |                                                                                                                                                                                                                                                                                                            | Contacts                                    | Sealing                                                                                                                                                                                                                                                                    | LEDS                                                                                                                                                                                                                                                                                            | Wiring               |        |        |  |
|                                                                                                                                                                       | 3 Single pole<br>4 Double pole |                                                                                                                                                                                                                                                                                                            | A Silver<br>D Gold plated<br>S Silver 20A * | X No<br>K IP68<br>Z IP69K                                                                                                                                                                                                                                                  | X None<br>A LED 6V red<br>B LED 6V green<br>C LED 6V yellow<br>M LED 6V blue<br>R LED 6V white<br>D LED 12V red<br>E LED 12V green<br>F LED 12V yellow<br>N LED 12V blue<br>S LED 12V white<br>J LED 24V red<br>K LED 24V green<br>L LED 24V yellow<br>P LED 24V blue<br>T LED 24V white<br>... | See following pages. |        |        |  |
| Electrical functions                                                                                                                                                  |                                | Terminals                                                                                                                                                                                                                                                                                                  |                                             | Terminals (continued)                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                 |                      |        |        |  |
| 1 ON - OFF<br>4 ON ON ON<br>4-1R ON ON MOM<br>5 MOM - ON<br>6 ON - ON<br>7 MOM OFF MOM<br>8 ON OFF MOM<br>9 ON OFF ON<br><br>Function 1 only for 6-terminal versions. |                                | Screw<br>0 6 terminals with barrier<br>Solder lug/quick-connect<br>2 6 terminals with barrier<br>4 6 terminals w/o barrier<br>A 10 term. with barrier<br>B 10 term. w/o barrier<br>C 10 terminals for use with connector U2292 or U3152<br>Normalized quick-connect 6,35x0,8<br>3 6 terminals with barrier |                                             | 5 6 terminals w/o barrier<br>D 10 term. with barrier<br>E 10 term. w/o barrier<br>F 10 term. for use with connector U2292 or U3152<br>Normalized quick-connect 2,8x0,8<br>G 10 term. with barrier<br>H 10 term. w/o barrier<br>J 10 terminals for use with connector U2282 |                                                                                                                                                                                                                                                                                                 |                      |        |        |  |

\* S contacts for all functions except 4 and 4-1R - for normalized quick-connect terminals 6,35x0,8 only.

ACTUATOR

|                                                                    |                                                                                                                           |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|                                                                    |                                                                                                                           |
| Type                                                               | Colour                                                                                                                    |
| 1 For non-illuminated application<br>2 For illuminated application | 1 Blue<br>1/4 Dark blue<br>2 Black<br>3 Green<br>4 Grey<br>5 Yellow<br>6 Red<br>7 Ivory<br>9 Orange<br>A Aluminium bright |

ACTUATOR MARKING

|                  |         |        |        |
|------------------|---------|--------|--------|
|                  | Area A  | Area M | Area B |
| Orientation      | Symbols |        |        |
| N<br>O<br>S<br>E |         |        |        |

Symbols & Accessories : see end of section D.



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

# KR series

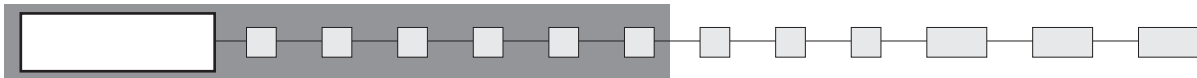
## Power rocker switches

Case

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

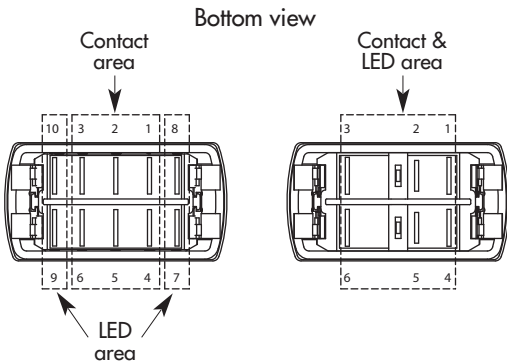
CASE + LEDS

MODEL  
STRUCTURE



|             |             | 2-3         | 1-2 |
|-------------|-------------|-------------|-----|
|             |             | 5-6         | 4-5 |
| Single pole | Double pole |             |     |
| KR31        | KR41        | ON - OFF    |     |
|             | KR44*       | ON ON ON    |     |
|             | KR44-1R*    | ON ON MOM   |     |
| KR35        | KR45        | MOM - ON    |     |
| KR36        | KR46        | ON - ON     |     |
| KR37        | KR47        | MOM OFF MOM |     |
| KR38        | KR48        | ON OFF MOM  |     |
| KR39        | KR49        | ON OFF ON   |     |

\* Function 4 : single pole in double pole case



10 terminal version

6 terminal version

D

### ELECTRICAL FUNCTIONS AND CONNECTIONS

In the tables below, terminal connections as viewed from bottom of switch.

Only the contact area is represented.

For single pole models, only terminals 1, 2 and 3 are to be considered (not terminals 6, 5, 4).

x = w/o terminal

o = with terminal

▲ = momentary

|                           | Positions |       |       |
|---------------------------|-----------|-------|-------|
|                           |           |       |       |
|                           | 3 2 1     | 3 2 1 | 3 2 1 |
| Function 1 *<br>KR31-KR41 |           |       |       |
|                           | 3 2 1     |       | 3 2 1 |
|                           | 6 5 4     |       | 6 5 4 |
| Function 5<br>KR35-KR45   |           |       |       |
|                           | 3 2 1     |       | 3 2 1 |
|                           | 6 5 4     |       | 6 5 4 |
| Function 6<br>KR36-KR46   |           |       |       |
|                           | 3 2 1     |       | 3 2 1 |
|                           | 6 5 4     |       | 6 5 4 |
| Function 7<br>KR37-KR47   |           |       |       |
|                           | 3 2 1     | 3 2 1 | 3 2 1 |
|                           | 6 5 4     | 6 5 4 | 6 5 4 |

|                          | Positions |       |       |
|--------------------------|-----------|-------|-------|
|                          |           |       |       |
|                          | 3 2 1     | 3 2 1 | 3 2 1 |
| Function 8<br>KR38-KR48  |           |       |       |
|                          | 3 2 1     | 3 2 1 | 3 2 1 |
|                          | 6 5 4     | 6 5 4 | 6 5 4 |
| Function 9<br>KR39-KR49  |           |       |       |
|                          | 3 2 1     | 3 2 1 | 3 2 1 |
|                          | 6 5 4     | 6 5 4 | 6 5 4 |
| Function 4<br>KR44       |           |       |       |
|                          | 3 2 1     | 3 2 1 | 3 2 1 |
|                          | 6 5 4     | 6 5 4 | 6 5 4 |
| Function 4-1R<br>KR44-1R |           |       |       |
|                          | 3 2 1     | 3 2 1 | 3 2 1 |
|                          | 6 5 4     | 6 5 4 | 6 5 4 |

\* Function 1 only available for 6 terminal versions.

# KR series

## Power rocker switches

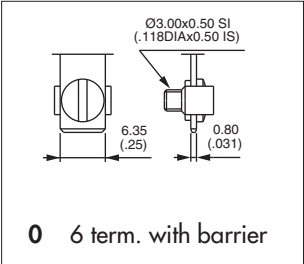
Case

### TERMINALS

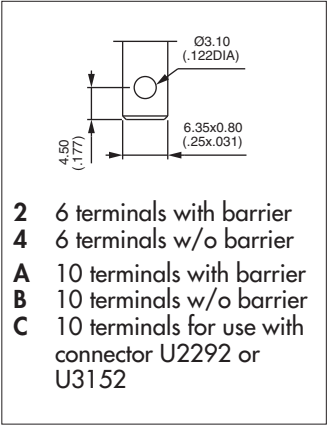
CASE + LEDS



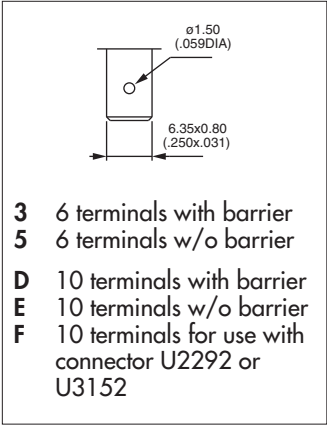
Screw



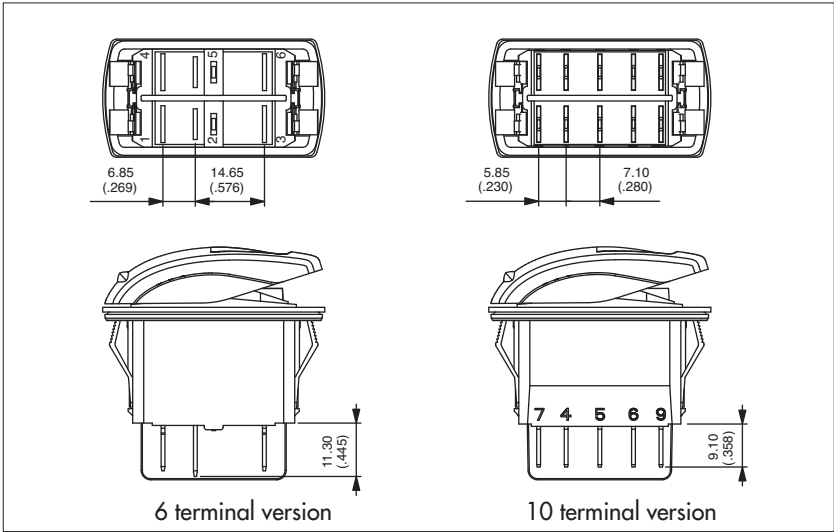
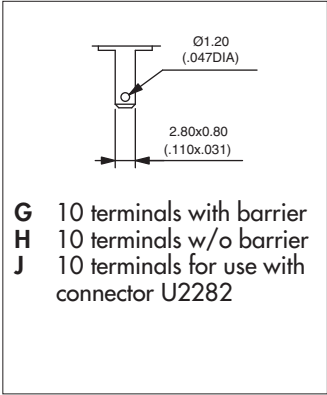
Solder lug / quick-connect



Normalized quick-connect 6,35x0,8



Normalized quick-connect 2,8x0,8



Terminals are marked on the case.

The drawings show the maximum possible number of terminals.

### CONTACT MATERIALS

CASE + LEDS



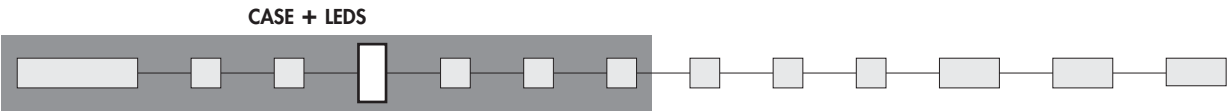
- A** Silver
- D** Silver, gold plated
- S** Silver 20A **NEW!**  
For all functions except 4 and 4-1R - for normalized quick-connect terminals 6,35x0,8 only.

# KR series

## Power rocker switches

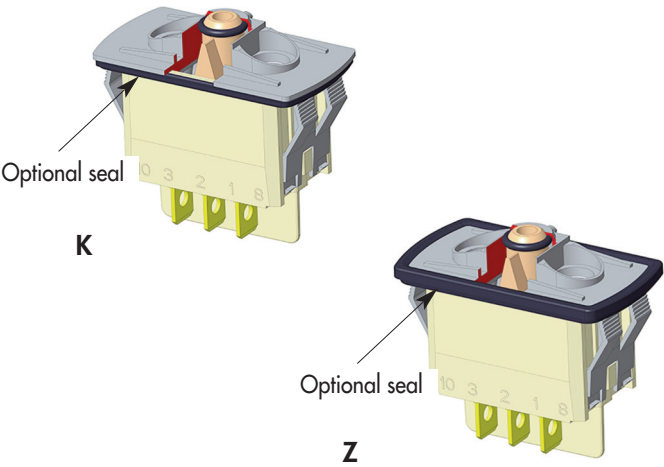
Case - LEDs

### SEALING



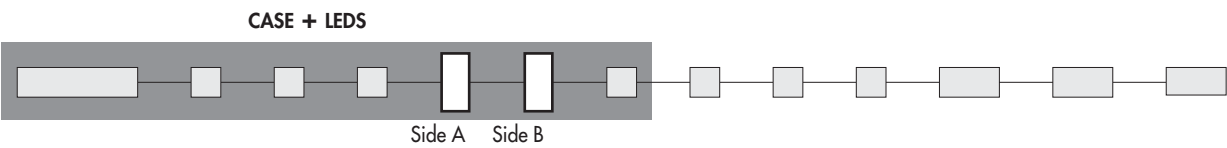
- X No sealing
- K IP68 (front panel components of switch only)
- Z IP69K - Installation notice available on request

Ultrasonic welding of frame to case is standard on all versions.  
The ultrasonic welding and the optional panel seal prevent water and dust from introducing into the switch housing.



D

### LEDS

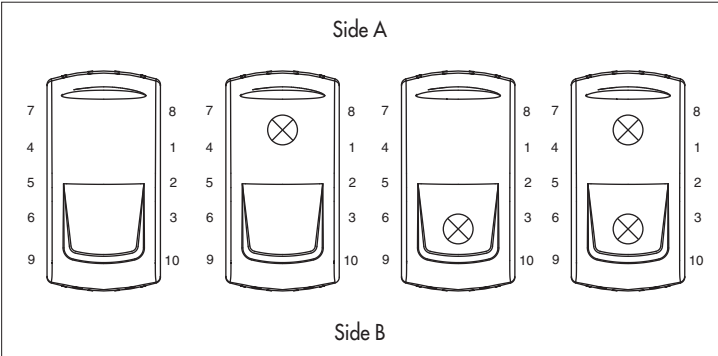


Complete each enlarged box with one of the codes listed below.

- X Without LED

|             | Red | Green | Yellow | Blue | White | Amber | Red/green |
|-------------|-----|-------|--------|------|-------|-------|-----------|
| 6VDC        | A   | B     | C      | M    | R     | 4     | 1         |
| 12VDC       | D   | E     | F      | N    | S     | 5     | 2         |
| 24VDC       | J   | K     | L      | P    | T     | 6     | 3         |
| No resistor | U   | V     | W      | Y    | Z     | 9     | 8         |

LED consumption : 20mA @ nominal voltage (25°C)  
Other illumination solutions : on request.



# KR series

## Power rocker switches

Case - LEDs

### WIRING

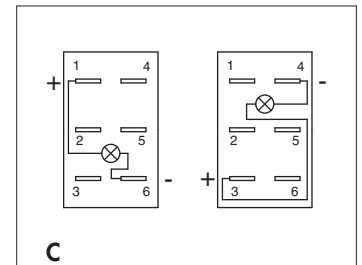
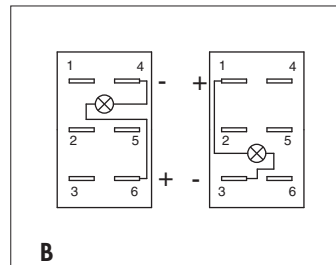
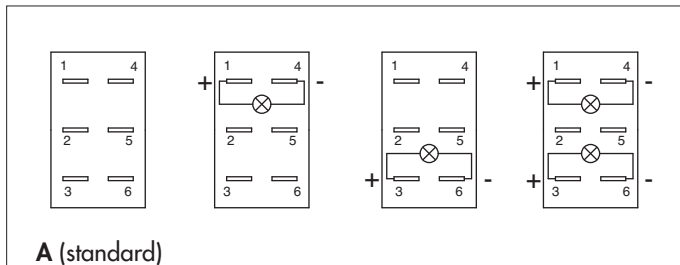
The LED wiring diagram is shown on the case.

CASE + LEDS

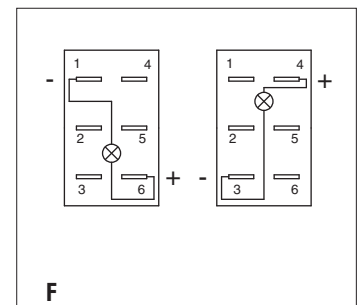
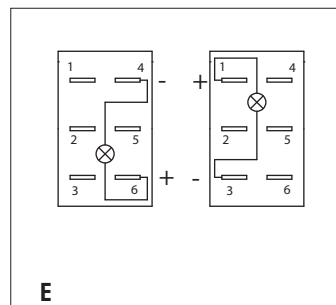
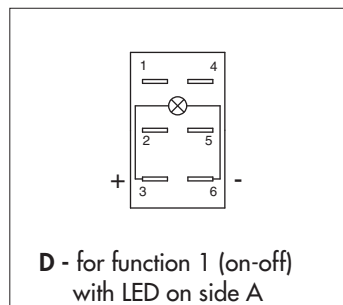


#### • For 6 terminal versions

LED connected to the load

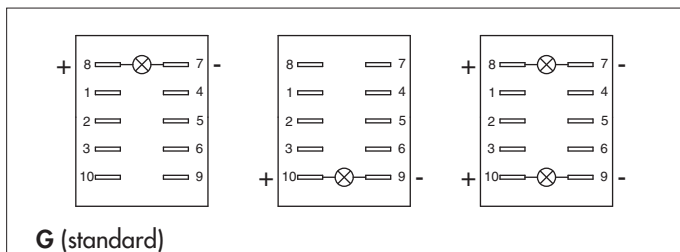


Note : If not available, terminals are added to connect the LED.

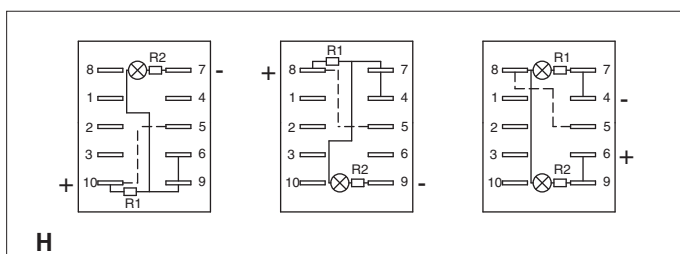


#### • For 10 terminal versions

Independent LED or integrated functions



To have independent LEDs.



Available in Single Pole only, with H and J quick-connect terminals.

To obtain 2 symbol illumination levels (night illumination when OFF and higher illumination when ON).

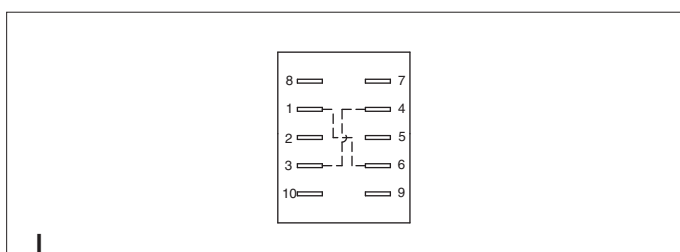
H wiring with LED on side A available with functions 6, 8, 9 and 44.

H wiring with LED on side B available with functions 5, 6 and 9.

H wiring with 2 LEDs available with functions 8 and 9.

More information (H wiring schematics) : on request.

Dotted line = external wiring, continuous line = internal wiring



Power supply between 2 and 5 - Load between 1 and 4 or 3 and 6. Available with H and J quick-connect terminals.

To have a polarity inversion (typical application : fan motor).

Dotted line = external wiring

Please contact us for other wiring solutions.

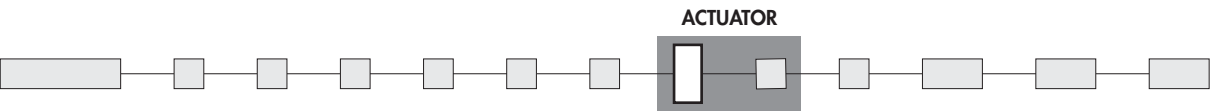
# KR series

## Power rocker switches

### Actuator - Marking

To order actuator only (without case), begin the order number with code KRR, then follow the order format from "actuator type" until the end of the options.

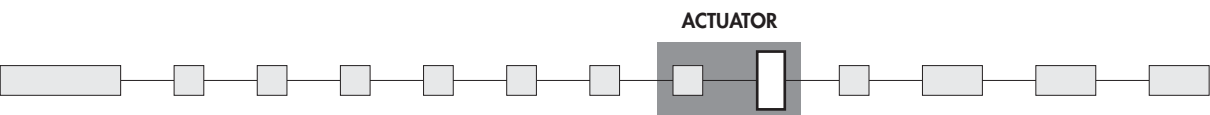
#### ACTUATOR TYPE



- 1 For non-illuminated application
- 2 For illuminated application

Other rocker design : on request.

#### ACTUATOR COLOUR



| Code | Colour    |
|------|-----------|
| 1    | Blue      |
| 1/4  | Dark blue |
| 2    | Black     |
| 3    | Green     |

| Code | Colour |
|------|--------|
| 4    | Grey   |
| 5    | Yellow |
| 6    | Red    |
| 7    | Ivory  |

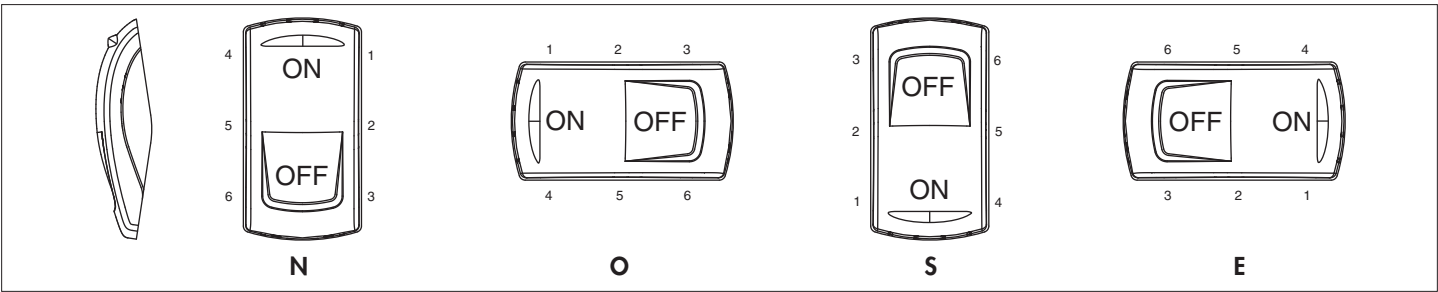
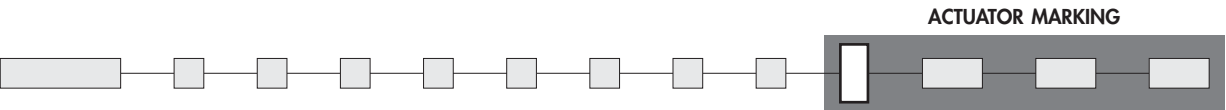
| Code | Colour           |
|------|------------------|
| 7/1  | White            |
| 9    | Orange           |
| A    | Aluminium bright |

Note : colours 7 and 7/1 not available on illuminated versions.  
A **soft-touch varnish** can be added. Consult us.



#### MARKING ORIENTATION

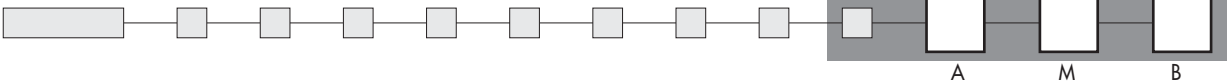
If no marking required, complete the box with code N.



Other orientations : on request



#### SYMBOLS



**XX** No symbol

**Available symbols** : see end of section D.

#### Marking colour

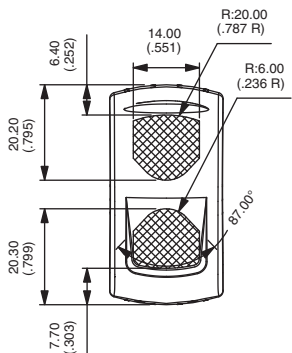
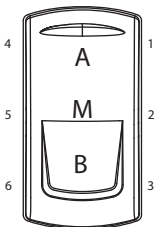
White marking for illuminated rockers (laser etching) and non-illuminated black rockers (pad printing). Black marking for non-illuminated colour rockers (pad printing). Other : on request.

#### Laser etching resistance

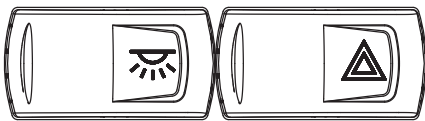
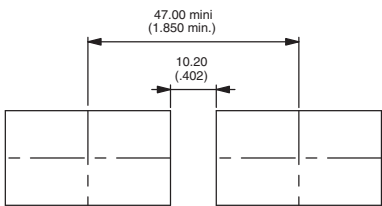
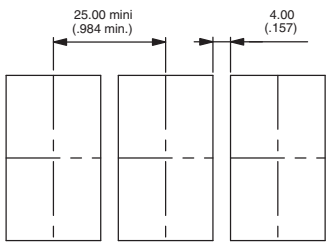
- Water and petrol resistant according to EN61058-1
- Tear resistant (cross-cut test) according to NF ISO 2409 : class 0
- UV resistant according to ISO 4892-2

#### Marking area

For illuminated versions. The symbol will be included in the hatched area. Marking in M area : on request.

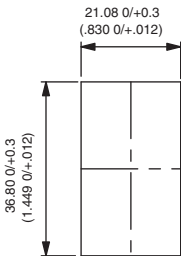


#### MATRIX MOUNTING

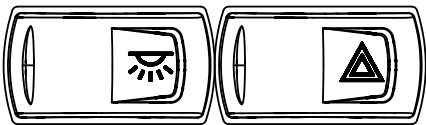
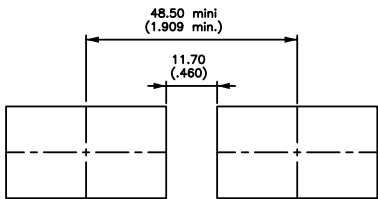
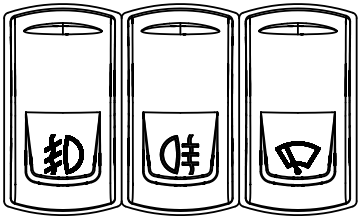
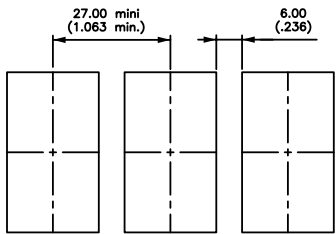


#### PANEL CUT-OUT

Panel thickness : 0,8 mm to 4,6 mm  
Recommended panel thickness :  
between 2 mm and 3,5 mm



#### SPECIFIC MATRIX MOUNTING FOR Z VERSION



# K range

## Power rocker switches and indicators

### Symbols

Most symbols meet the ISO 7000 standard “graphical symbols for use on equipments” (code given in bracket in the description). Contact us for symbols not featured in the following tables.

**Legend scale :**  
KR series : 1:1  
KL, KG and KI series : depending on space available on the product (see “Symbols” section at the end of each series).

| CODE | SYMBOL                                                                              | DESCRIPTION            | CODE | SYMBOL                                                                              | DESCRIPTION                          | CODE | SYMBOL                                                                                | DESCRIPTION                           |
|------|-------------------------------------------------------------------------------------|------------------------|------|-------------------------------------------------------------------------------------|--------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------|
| XX   | None                                                                                | -                      | 16   |    | Revolving light                      | 32   |    | Emergency first aid vehicle (2565)    |
| 01   | ON                                                                                  | -                      | 17   |    | Rear ventilator                      | 33   |    | Load tipping (1557)                   |
| 02   | OFF                                                                                 | -                      | 18   |    | Heating (0637)                       | 34   |    | Loading light (2457)                  |
| 03   | O                                                                                   | -                      | 19   |    | Door opening                         | 35   |    | Tractor, rear-ward (1667)             |
| 04   | I                                                                                   | -                      | 20   |  | Windshield demister/defroster (0635) | 36   |  | Combine, direction of movement (1678) |
| 05   | II                                                                                  | -                      | 21   |  | Windshield wiper (0086)              | 37   |  | Use no forks (2406)                   |
| 06   | STOP                                                                                | -                      | 22   |  | Windshield washer (0088)             | 38   |  | Transmission (1166)                   |
| 07   | A                                                                                   | Stop                   | 23   |  | Ventilator fan (0089)                | 39   |  | Working spot light (1145)             |
| 08   | M                                                                                   | Motion                 | 24   |  | Side mirror defroster                | 40   |  | Engine (0640)                         |
| 09   |  | Up motion              | 25   |  | Restarting pump                      | 41   |  | Horn (0244)                           |
| 10   |  | Down motion            | 26   |  | Front fog lights (0633)              | 42   |  | Lock (1656)                           |
| 11   |  | Hot                    | 27   |  | Rear fog lights (0634)               | 43   |  | Taxi sign light (2551)                |
| 12   |  | Cold                   | 28   |  | Propulsion system trim               | 44   |  | Working light (1204)                  |
| 13   |  | Hazard warning (0085)  | 29   |  | Beacon (1141)                        | 45   |  | Working light symmetric (1204)        |
| 14   |  | Traveller lighting     | 30   |  | Anchor                               | 46   |  | -                                     |
| 15   |  | Driver lighting (1421) | 31   |  | Electric motor (0011)                | 47   | ASM                                                                                   | -                                     |

# K range

## Power rocker switches and indicators

Symbols

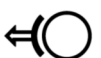
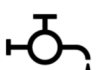
Most symbols meet the ISO 7000 standard "graphical symbols for use on equipments" (code given in bracket in the description). Contact us for symbols not featured in the following tables.

### Legend scale :

KR series : 1:1

KL, KG and KI series : depending on space available on the product (see "Symbols" section at the end of each series).

| CODE | SYMBOL                                                                              | DESCRIPTION               |
|------|-------------------------------------------------------------------------------------|---------------------------|
| 48   |    | All wheel drive           |
| 49   |    | Differential lock (1662)  |
| 50   |    | -                         |
| 51   |    | -                         |
| 52   |  | -                         |
| 53   | N                                                                                   | -                         |
| 54   |  | Rear window wiper (0097)  |
| 55   |  | Rear window washer (0099) |
| 56   |  | Lower load (2223)         |
| 57   |  | Cab lock (1560)           |
| 58   |  | Extraction                |
| 59   |  | Pumping in                |
| 60   |  | Rear PTO (1572)           |
| 61   |  | Front PTO                 |
| 62   |  | Rockshaft down            |
| 63   |  | Rockshaft up              |

| CODE | SYMBOL                                                                              | DESCRIPTION              |
|------|-------------------------------------------------------------------------------------|--------------------------|
| 64   |    | Indicator                |
| 65   |    | Brake release            |
| 66   |    | Baggage room left door   |
| 67   |    | Baggage room right door  |
| 68   |  | Power blinds             |
| 69   |  | Engine idle control      |
| 70   | CRUISE RES/SET                                                                      | Cruise res/set           |
| 71   |  | Driver windows up/down   |
| 72   |  | Middle door opening      |
| 73   |  | Front door opening       |
| 74   |  | Lighting in baggage room |
| 75   | CRUISE ON/OFF                                                                       | Cruise on/off            |
| 76   | TV                                                                                  | TV                       |
| 77   |  | Pump                     |
| 78   | WC                                                                                  | Toilet                   |
| 79   |  | Toilet decontamination   |

| CODE | SYMBOL                                                                                | DESCRIPTION              |
|------|---------------------------------------------------------------------------------------|--------------------------|
| 80   |    | Front windshield heating |
| 81   | AUS                                                                                   | Aus                      |
| 82   |    | Radiator fan             |
| 83   |    | Remove retarder          |
| 84   |  | Restricted speed         |
| 85   |  | Preheater                |
| 86   |  | ABS detection            |
| 87   |  | ECAS detection           |
| 88   |  | Engine stop              |
| 89   | CRUISE RES/CAN                                                                        | Cruise res/cancel        |
| 90   |  | ECAS reset               |
| 91   |  | Driver windows heating   |
| 92   | CRUISE SET+/SET-                                                                      | Cruise set               |
| 93   |  | Air bag up/down          |
| 94   |  | Read lighting            |
| 95   |  | Lighting main switch     |

# K range

## Power rocker switches and indicators

### Symbols

Most symbols meet the ISO 7000 standard “graphical symbols for use on equipments” (code given in bracket in the description). Contact us for symbols not featured in the following tables.

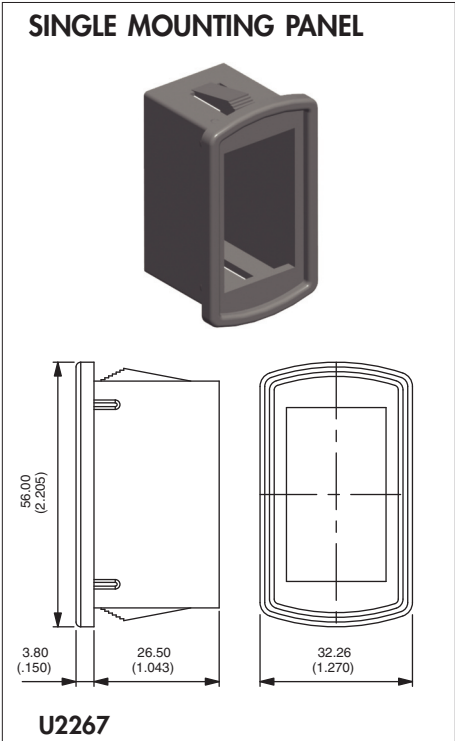
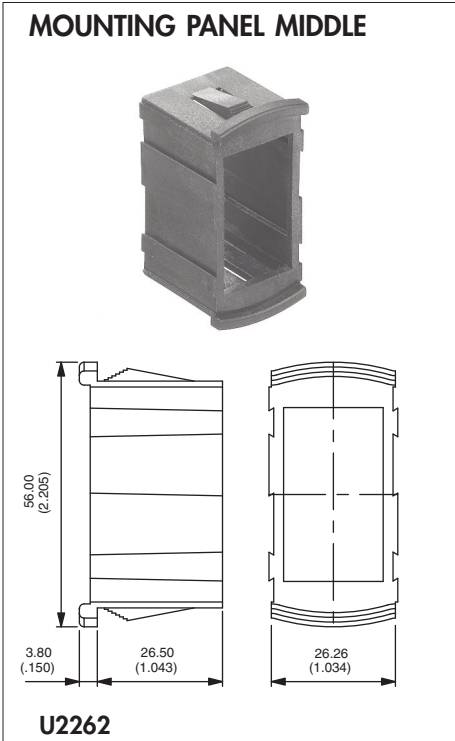
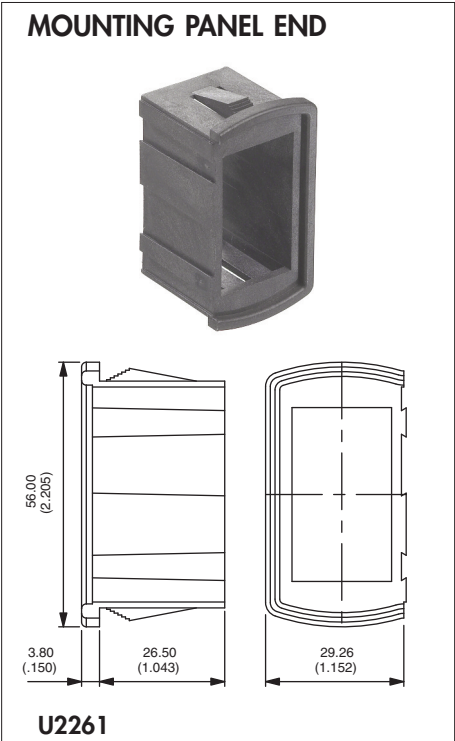
**Legend scale :**  
KR series : 1:1  
KL, KG and KI series : depending on space available on the product (see “Symbols” section at the end of each series).

| CODE | SYMBOL | DESCRIPTION                  | CODE | SYMBOL | DESCRIPTION                                 | CODE | SYMBOL | DESCRIPTION |
|------|--------|------------------------------|------|--------|---------------------------------------------|------|--------|-------------|
| 96   |        | Heating using water          | AD   |        | -                                           | AV   |        | -           |
| 97   |        | Low beam                     | AE   |        | -                                           | AW   |        | -           |
| 98   |        | Position lights              | AF   |        | -                                           | AY   |        | -           |
| 99   |        | Diesel acceleration          | AG   |        | Battery charging condition (0247)           | AZ   |        | -           |
| A1   |        | Manual mode                  | AH   |        | Turn signals (0084)                         | B1   | HIGH   | -           |
| A2   |        | Clockwise cabin rotation     | AJ   |        | High beam (0082)                            | B2   | LOW    | -           |
| A3   |        | Anticlockwise cabin rotation | AK   |        | Differential lock, bogie (2600)             | B3   |        | -           |
| A4   |        | -                            | AL   |        | Brushing with a rotating brush (0070)       |      |        |             |
| A5   |        | -                            | AM   |        | Differential lock, transfer case 4x4 (2475) |      |        |             |
| A6   |        | Parking brake                | AN   |        | Loader bucket, float (1441)                 |      |        |             |
| A7   |        | -                            | AP   |        | Loader bucket (1437)                        |      |        |             |
| A8   |        | -                            | AQ   |        | Rear window washer & wiper (0098)           |      |        |             |
| A9   |        | -                            | AR   |        | Header Header drive (1579)                  |      |        |             |
| AA   |        | -                            | AS   |        | Excavator/backhoe boom side shift (2091)    |      |        |             |
| AB   |        | -                            | AT   |        | Chemical water treatment (1851)             |      |        |             |
| AC   |        | -                            | AU   |        | Grapple skidder, single funct° boom (1762)  |      |        |             |

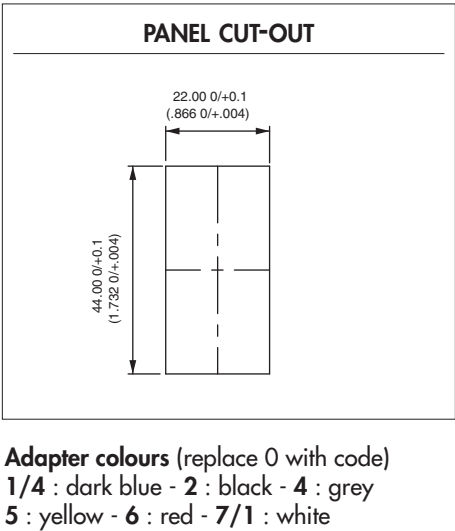
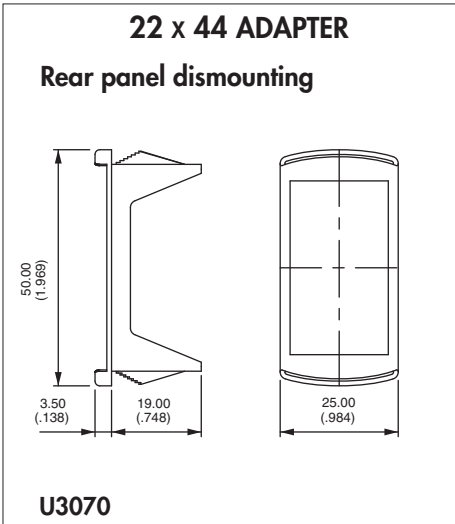
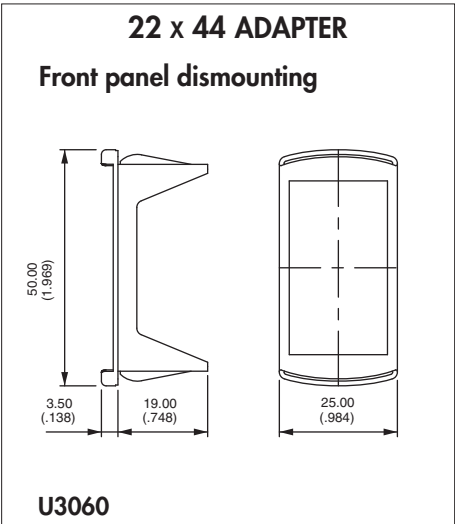
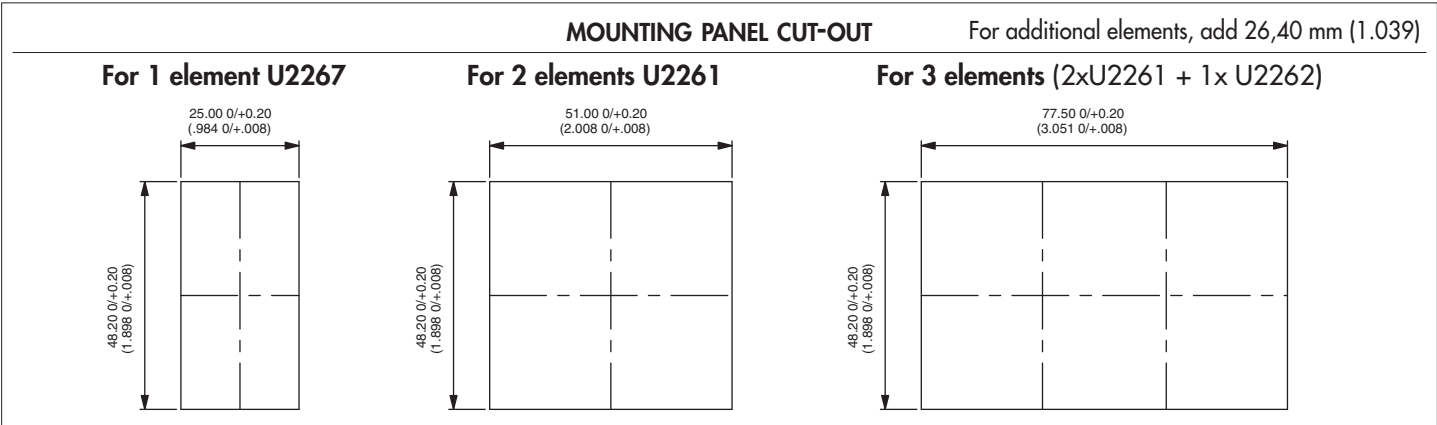
# K range

## Power rocker switches and indicators

Accessories for KR, KL and KI series



Recommended panel thickness : 1,10 mm - 1,80 mm - 2,60 mm - 3,40 mm - 4,20 mm - 5 mm - 5,80 mm



Recommended panel thickness : 0,60 mm to 1,50 mm

Recommended panel thickness : 1,60 mm -0,1/0 to 5,60 mm -0,1/0 in stages of 0,40 mm

# K range

## Power rocker switches and indicators

Accessories for KR, KL and KI series

### ACTUATOR REMOVING TOOL



U3052

2 tools are supplied

#### EXTRACT ACTUATOR (KR ONLY)

Allows the extraction of the rocker / rocker support assembly.  
Place the 2 claws under the support and push as indicated by the arrow.

#### EXTRACT ROCKER (KR ONLY)

Allows to separate the rocker from its support.  
Insert the tool between rocker and support as indicated by the arrow. Pull out the tool in the opposite direction.

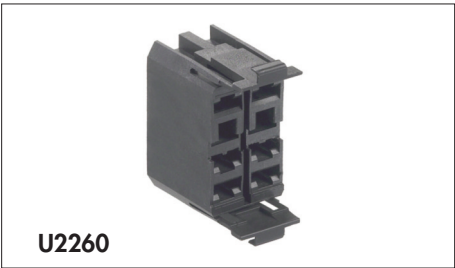
#### EXTRACT SWITCH (KR, KL AND KI)

Allows to extract switch from panel mounting units. 2 tools are necessary.  
Insert the tools between switch and panel mounting units from the rear to compress the snap-in device. Pull off switch manually.

### CONNECTORS

Standard colour : black. Other colours : on request.  
Connectors cannot be combined with wiring types H and I.

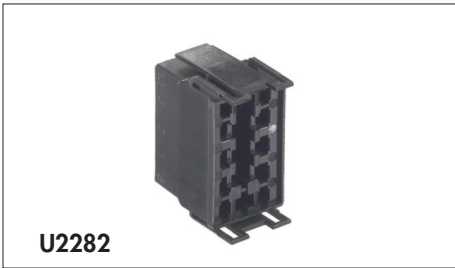
D



U2260

#### 6 terminal version

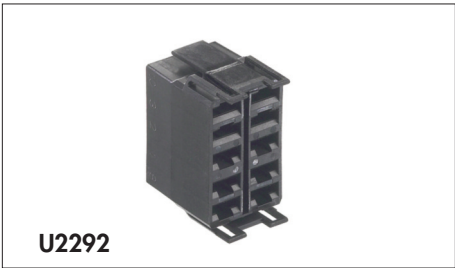
For use with terminals type 2, 3, 4 or 5.  
6,35 (1/4) tabs to be fitted by the user  
(example : TE42282-2).  
Can be used for the KG series.



U2282

#### 10 terminal version

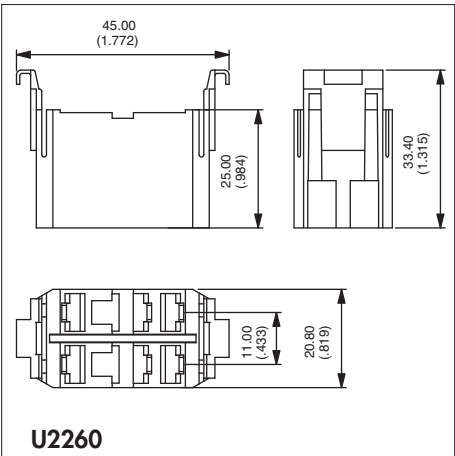
For use with terminals type H or J.  
2,8 (.110) tabs to be fitted by the user  
(example : AMP/Tyco 0-927779-3).



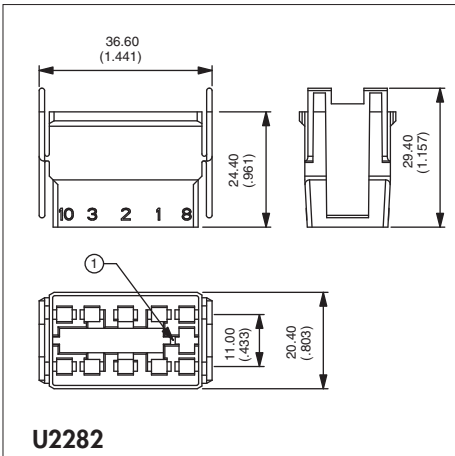
U2292

#### 10 terminal version

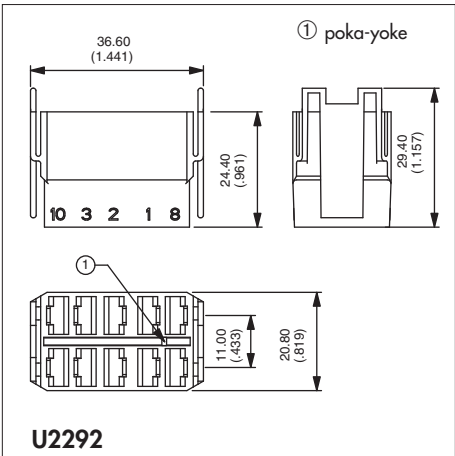
For use with terminals type B, C, E or F.  
6,35 (1/4) tabs to be fitted by the user  
(example : TE42282-2).



U2260



U2282



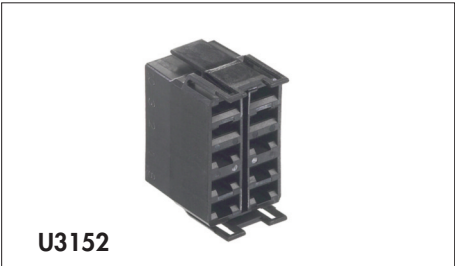
U2292

# K range

## Power rocker switches and indicators

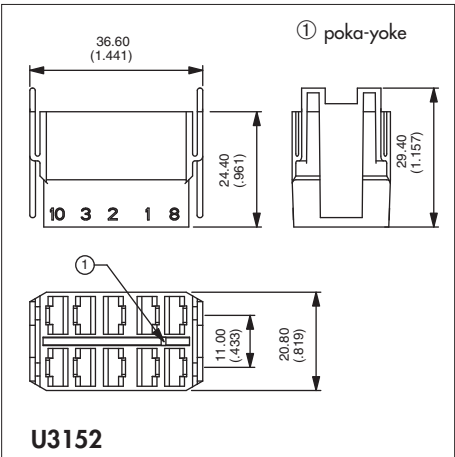
Accessories for KR, KL and KI series

### CONNECTORS (continued)



New!

**10 terminal version**  
 For use with terminals type B, C, E or F.  
 6,35 (1/4) tabs to be fitted by the user  
 (example : «Timer» terminals TE927833-2)



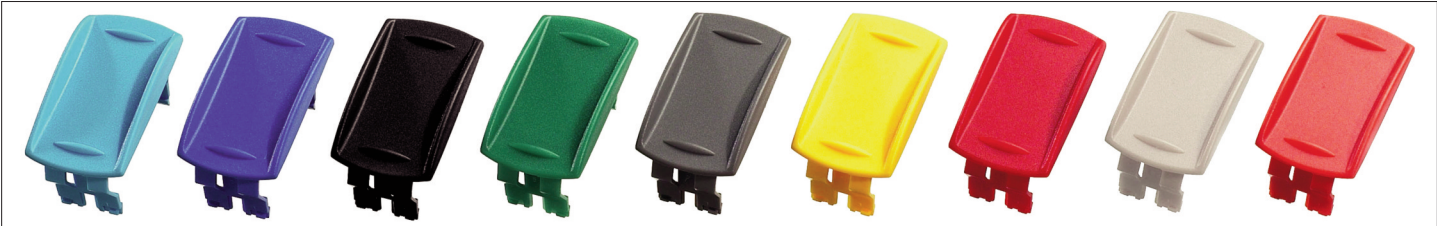
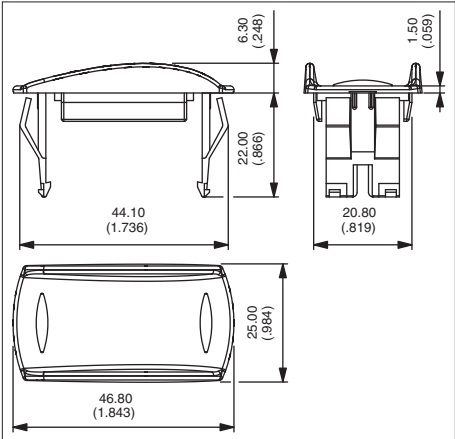
U3152

### BLANKING CAPS

Usefull for future extensions.

| Code    | Colour    | Code  | Colour |
|---------|-----------|-------|--------|
| U2271   | Blue      | U2274 | Grey   |
| U2271/4 | Dark blue | U2275 | Yellow |
| U2272   | Black     | U2276 | Red    |
| U2273   | Green     | U2277 | Ivory  |
|         |           | U2279 | Orange |

Recommended panel thickness :  
 1,50 mm to 6 mm



Connectors can be hanged on specific hole plugs. Contact APEM.