

Rotary Switching  
Customized **Solution**,  
**Optimum** reactivity !



The CHAMBAUT Switches  
The R.E.S. Switches  
The STOCKLI Knobs



[www.iec-monaco.com](http://www.iec-monaco.com)

ISO 9001  
EN 9100

BUREAU VERITAS  
Certification





**F**or more than 50 years, we have been helping to resolve your Rotary switching problems in all domains:

- Aeronautical
- Military
- Railways
- Industrial
- Automatism
- Electronic
- Telecommunication
- Medical
- Tests



**Few references  
in the different  
business areas**



**Aeronautical:** AIRBUS, ALKAN, ATR, COBHAM, DASSAULT, ECA, ECE, EUROCOPTER, GOODRICH, NEC, PAULSTRA, SEFEE, TEAM, THALÈS.....

**Military:** ARMÉE DE TERRE DE L'AIR, DCN, D.G.A., ELNO, GIAT, INTERTECHNIQUE, LEACH, MATRA, MBDA, SAGEM, THALÈS,...

**Railways:** ALSTOM, FAIVELEY, SNCF,...

**Simulation:** CLAIRIS TECHNOLOGIES, SOGITEC,...

**Other:** CHAUVIN ARNOUX, FALARD, OLIVETTI GROUP, PREH-WERKE, ROLLS ROYCE CIVIL NUCLÉAIR, SCHNEIDER ELECTRIC,...



# soldering by wire

## ● KR 17



- Available from 2 to 12 positions with index angle of 30° and 36°.
- Number of wafers from 1 to 3.
- Maximum current 70 mA in cut off.
- Maximum voltage 100 V.
- Dimensions: diameter 15.8 mm - length from 22 to 60.5 mm.

## ● CAF 10 N • CAF 12 N • CAF 20 N • CAF 24 N



- Available from 2 to 24 positions with index angle of 15°, 18°, 30°, 36°, 60° and 72°.
- Number of wafers from 1 to 3.
- Maximum current 300 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: diameter 16.6 mm - length from 19.5 to 54.5 mm.

## ● CAF 13 N • CAF 16 N



- Available from 2 to 16 positions with index angle of 22°30', 27°41' and 45°.
- Number of wafers from 1 to 6.
- Maximum current 300 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: diameter 19.3 mm - length from 19.5 to 54.5 mm.

## ● SUB A8 • SUB A10 • SUB A12



- Available from 2 to 12 positions with index angle of 30°, 36°, 45°, 60°, 72°, 90° and 120°.
- Number of simple or double wafers from 1 to 3.
- Maximum current 500 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: width 25.7 - height 17 mm - length from 26 to 180 mm.

## ● CAG 8 • CAG 10 • CAG 12 • CAG 24



- Available from 2 to 24 positions with index angle of 15°, 18°, 30°, 36°, 45°, 60°, 72° and 90°.
- Number of wafers from 1 to 6.
- Maximum current 1 A in cut off.
- Maximum voltage 300 V.
- Dimensions: diameter 32 mm - length from 22.5 to 75 mm.

## EXAMPLES OF VARIANTS FOR THE MANUFACTURE C

### • Mounting:

- for printed circuit fixing
- soldering by wire
- pre-wired
- rapid junction terminal connector

### • Gold plated

- **Special configuration:**
  - shorting contacts make before break
  - progressive shorting contact
  - open wafer
  - binary code or gray

### • Shaft type:

- simple flat shaft, double or enclosed flat shaft
- shaft tapping hole
- activated by screwdriver
- drilling for pin
- concentric

### • Pull to turn control and push to tu

### • Fugitive contacts: simple, double

### • Activated by Ronis key or Kaba k



# soldering by wire

# CMP 6

## ● SUB A24



- Available from 2 to 12 positions with index angle of 15°, 30°, 45°, 60° and 90°.
- Number of simple or double wafers from 1 to 6.
- Maximum current 500 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: width 34.3 mm - height 25.5 mm - length from 31 to 195 mm.

## ● SD 12



- Available from 2 to 12 positions with index angle of 30°, 60° and 90°.
- Number of wafers from 1 to 6.
- Maximum current 2 A in cut off.
- Maximum voltage 200 V.
- Dimensions: width 34.3 mm - height 25 mm - length from 38 to 205 mm.

## ● MINI A12



- Available from 2 to 12 positions with index angle of 30°, 60°, 90° and 120°.
- Number of single or double wafers from 1 to 6.
- Maximum current 1A in cut off.
- Maximum voltage 200 V.
- Dimensions: width 35.7 mm - height 33 mm - length from 30 to 195 mm.

## ● MINI A20 • 24 • 28 • 32 • 40 • 48 • 56 and 64



- Available from 2 to 64 positions with index angle to 5°37', 6°26', 7°30', 9°, 11°15', 12°51', 15°, 18°, 22°30', 25°42', 30°, 36°, 45°, 51°25', 60°, 72°, 90° and 120°.
- Number of single or double wafers from 1 to 6.
- Maximum current 1A in cut off.
- Maximum voltage 200 V.
- Dimensions: width 52.2 mm - height 45.5 mm - length from 34 to 250 mm.



## ● CMP 6 N • CMP 6 C

- Available from 2 to 6 positions with index angle of 60° and 90°.
- Number of wafers from 1 to 4.
- Maximum current 2A in cut off.
- Maximum voltage 115 V.
- Dimensions: diameter 32 and 36 mm - length from 24.5 to 109 mm.
- Soldering by wire or with rapid junction terminal connector.



## OF OUR PROFESSIONAL ROTARY SWITCHES

flat shaft

- Front panel sealing
- Navy quality

turn control  
or return to center  
key

*Don't hesitate to contact us for the supply of a single piece or a prototype, our team is at your disposal to give you the solution you are waiting for.*

*All values are indicatives and non-contractual.*





# activated by key

# for printed circuit board

## ● CLT 5

- Available from 2 to 9 positions with index angle of 45° and 30°.
- Number of wafer 1.
- Maximum current 100 mA in cut off.
- Maximum voltage 30 V.
- Dimensions: width 32 mm - height 27 mm - length 25.4 mm.



## ● CSV 12 • CSM 12

- Available from 2 to 12 positions with index angle of 30°, 60° and 90°.
- Number of wafers from 1 to 2.
- Maximum current 1A in cut off.
- Maximum voltage 300 V.
- Dimensions: diameter 32 mm - length 41.5 mm.



## ● MINI A12 SR • MINI A12 SER MINI A12 SK • MINI A12 SEK

- Available from 2 to 12 positions with index angle of 30°, 60°, 90° and 120°.
- Number of simple or double wafers from 1 to 6.
- Maximum current 1A in cut off.
- Maximum voltage 200 V.
- Dimensions: width of 35.7 to 40 mm - height of 33 to 50 mm - length from 30 to 195 mm.

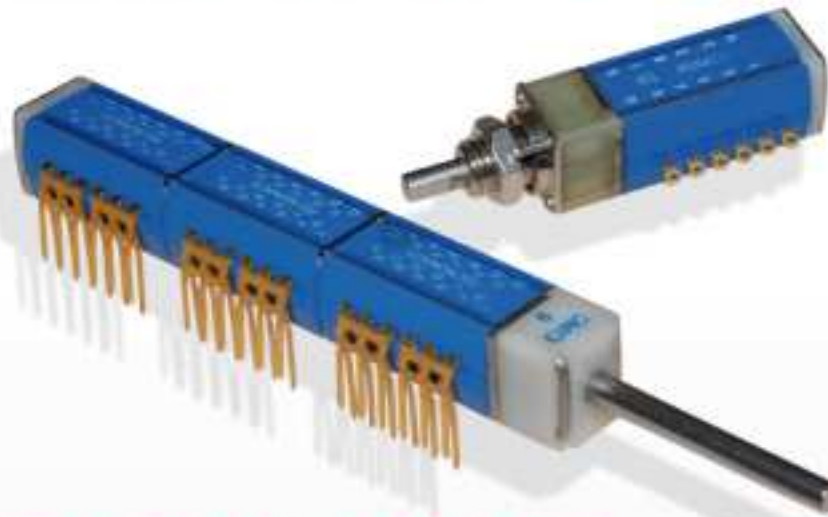


## ● KB • KD • KF • KM • KX • KDL • KFL



- Available from 2 to 12 positions with index angle of 30°, 45°, 60° and 90°.
- Number of wafer 1.
- Maximum current 250 mA in cut off.
- Maximum voltage 50 V.
- Dimensions: width 13.5 mm - height 13.5 mm - length from 7.8 to 10 mm.

## ● KR 10 B • C • D • E • F • G



- Available from 2 to 12 positions with index angle of 30° and 60°.
- Number of wafers from 1 to 3.
- Maximum current 70 mA in cut off.
- Maximum voltage 100 V.
- Dimensions: width from 12.1 to 15.8 mm - height 10.5 mm - length from 30.5 to 71.9 mm.

## ● CAF 10 CIB • CAF 10 CID • CAF 12 CIB • CAF 12 CID • CAF 16 CIB • CAF 16 CID



- Available from 2 to 16 positions with index angle of 22°30', 27°41', 30°, 36°, 45°, 60° and 72°.
- Number of wafers from 1 to 6.
- Maximum current 300 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: width from 17.5 to 22 mm - height from 18 to 23 mm - length from 25.5 to 116.5 mm.

## ● CAF 10 SP • CAF 12 SP • CAF 16 SP



- Available from 2 to 16 positions with index angle of 22°30', 27°41', 30°, 36°, 45°, 60° and 72°.
- Number of wafer 1.
- Maximum current 300 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: diameter from 16.25 to 19.7 mm - length 19.5 mm.

## ● CAG 8 SP • CAG 10 SP • CAG 12 SP



- Available from 2 to 12 positions with index angle of 30°, 36°, 45°, 60°, 72° and 90°.
- Number of wafer 1.
- Maximum current 1 A in cut off.
- Maximum voltage 300 V.
- Dimensions: diameter 32 mm - length 24 mm.



# ROTARY SWITCHES

## programmable

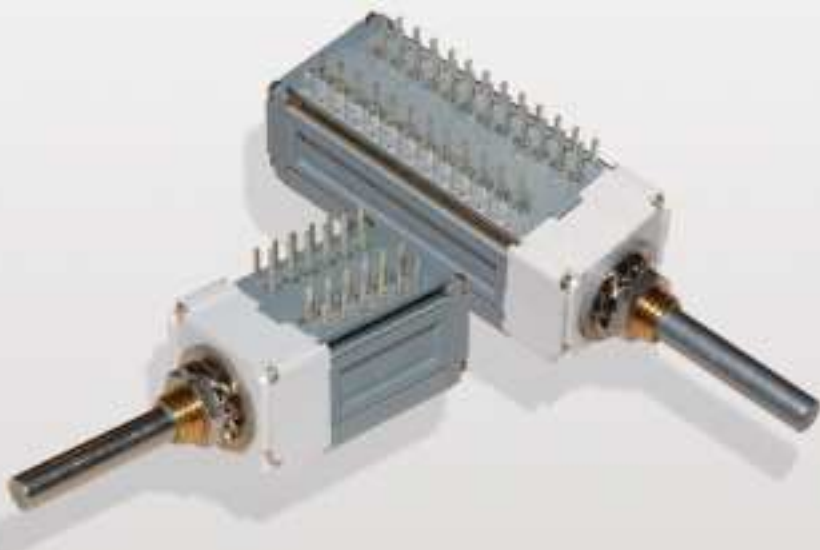
### CB 4 • CB 8 • CB 12

- Available from 2 to 16 positions with index angle of 22°30', 30°, 36°, 60° and 90°.
- Number of cell 1.
- Maximum current 200 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: width 17.6 mm - height 13.9 mm - length from 18.6 to 28.7 mm.



### CH 144 • CH 144 SP

- Available from 2 to 16 positions with index angle of 22°30', 30°, 36°, 60° and 90°.
- Number of cells from 1 to 3.
- Maximum current 200 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: width 15.3 mm - height 13.9 mm - length from 28.7 to 69.5 mm.



### CH 8 • CH 16 • CH 32

- Available from 2 to 32 positions with index angle of 9°, 11°15', 12°51', 15°, 18°, 22°30', 25°42', 30°, 36°, 45°, 60°, 90° and 120°.
- Number of cells from 1 to 4.
- Maximum current 200 mA in cut off.
- Maximum voltage 150 V.
- Dimensions: width 29 mm - height 25.5 mm - length from 29.5 to 214 mm.





# Knobs in bakelite

## ● "CLASSIC"



- Jupe simple, Jupe flèche et Jupe gravée
- Full flute, Conique, Conique fléché, Pointer
- Simple, Simple flèche
- Manette flèche, Manivelle



## ● "STANDARD"



- Simple haut, Simple bas, Simple cadran
- Papillon haut, Papillon bas, Papillon cadran
- Point haut, Point bas
- Flèche haut, Flèche bas
- Jupe simple haut, Jupe Simple bas
- Pointer
- Barette
- Jupe point haut, Jupe point bas
- Jupe gravée haut, Jupe gravée bas
- Jupe papillon haut, Jupe papillon bas

## ● "CAPS MÉTAL"



- Simple haut, Simple bas, Simple cadran
- Papillon haut, Papillon bas, Papillon cadran
- Point haut, Point bas
- Flèche haut, Flèche bas
- Jupe simple haut, Jupe simple bas
- Jupe point haut, Jupe point bas
- Jupe gravée haut, Jupe gravée bas
- Jupe papillon haut, Jupe papillon bas

## ● "DOUBLE ET TRIPLE"



- Supérieur plat simple, Supérieur plat point
- Simple haut, Simple bas
- Papillon haut, Papillon bas
- Flèche haut, Flèche bas
- Jupe simple haut, Jupe simple bas
- Jupe point haut, Jupe point bas
- Jupe papillon haut, Jupe papillon bas

## ● "TACTILE"

Accord    Amplification    Focalisation    Gamme    Intensité    Luminosité



# Knobs in aluminium

• Anodized white or black (please contact us)

## ● Les douilles face avant

Diameter for shaft to 3 mm - 3.17 mm  
- 6 mm and 6.35 mm.



## ● Les bagues de réduction

Diameter for shaft from 6 mm to 3 mm -  
6 mm to 4 mm - 10 mm to 8 mm.



## ● Les flectors

Diameter for shaft 6 mm and 6 mm -  
6 mm and 6.35 mm - 6.35 mm and 6.35 mm.  
Matter: DAP. Insulation 4 KV ± 10 %.



## ● Les cadrans avec blocage, miniature, subminiature

Diameter for shaft of 3 mm, 3.17 mm,  
6 mm and 6.35 mm  
Marking 180°, 270°, 285° and 300°.



**For any study, request or specific product, don't hesitate to contact us.**