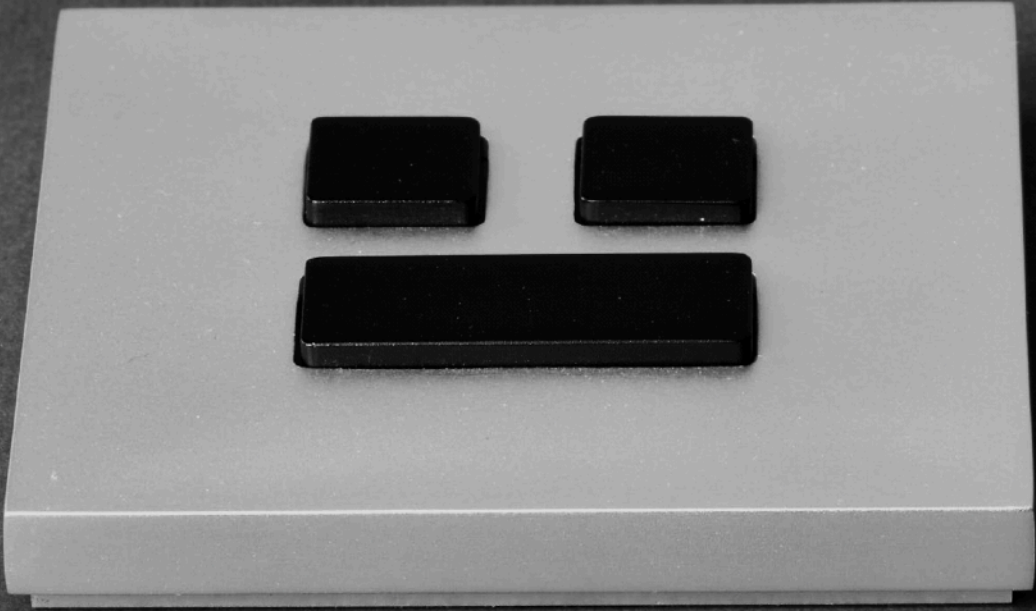
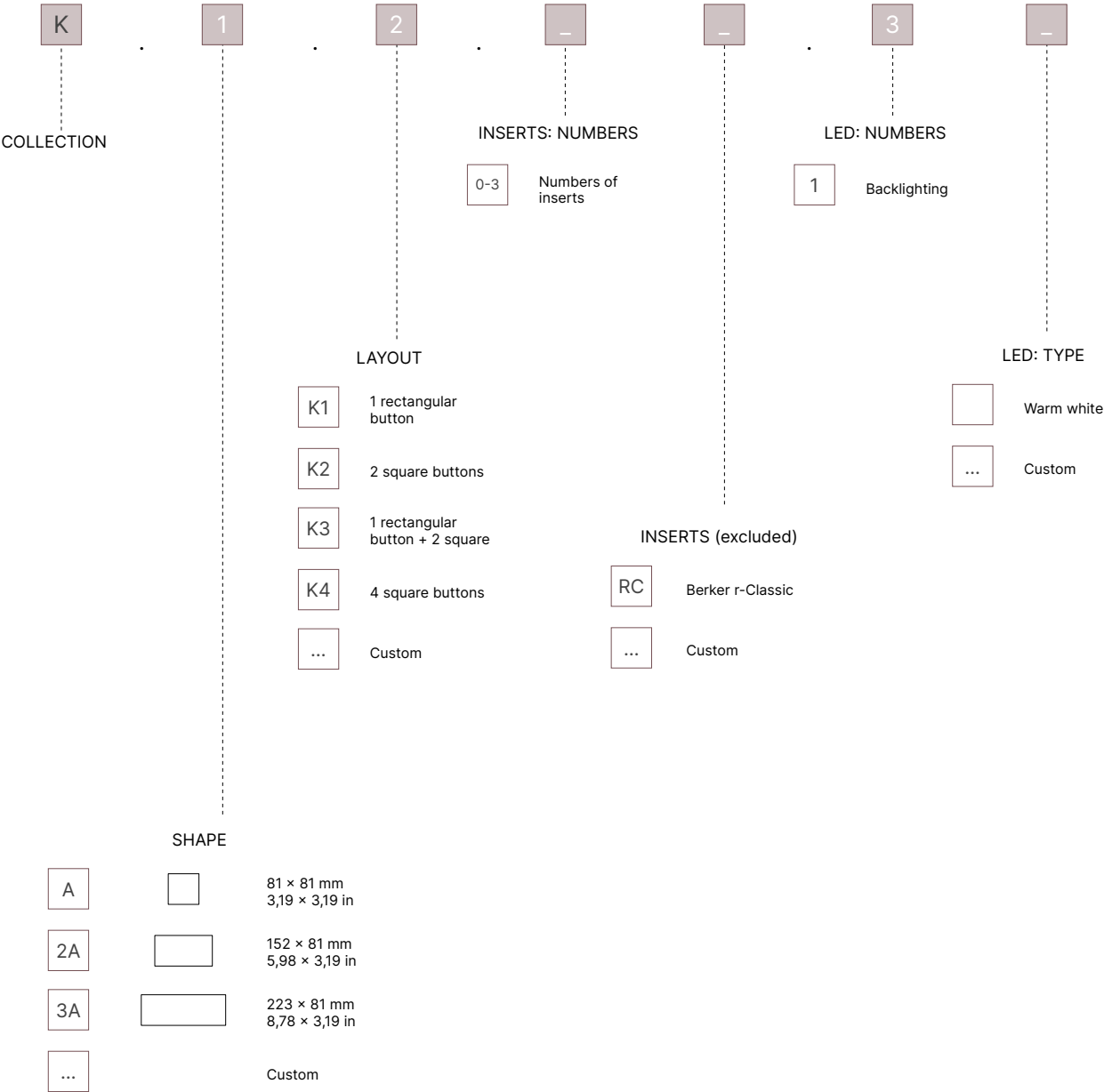




The focal point of the Keyboard collection is the design of the plate, registered, in which the buttons have the appearance of the keys of a computer console: installed, it gives the wall a playful, highly contemporary allure.

K.A.K3.0.0





## DESCRIPTION

Keypad in solid metal material (6082 aluminum alloy) machined by CNC machine, from a single sheet, 10mm thickness (8mm + 2mm of shadow gap), in square or rectangular format for low voltage control devices and standard inserts, for **indoor use only**

## ENVIRONMENT

**Environment specification**

→ Ambient Operating Temperature:

0-40 °C (32-104 °F)










→ Relative Humidity:

less than 90%, non-condensing

## SHAPES OF THE KEYPADS AND WALLBOXES

The keypads are designed to be used for commercial and standard wallboxes following the bottom specifications

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Code	Shape	Dim.	Single box	Eu standard	Notes
A		81 × 81 mm 3,19 × 3,19 in			Round or square wallboxes with screws 60mm installation opening
2A		152 × 81 mm 5,98 × 3,19 in			504E Italian standard or 2 round/square wallboxes joined (71 mm installation)
3A		223 × 81 mm 8,78 × 3,19 in			506L Italian standard or 3 round/square wallboxes joined (2×71 mm installation)

## MATERIALS, TREATMENTS, NUANCE

**Aluminium (6082 alloy)**

F0511 (B)  
Painted Cerakote® Silver



F0509 (B)  
Painted Cerakote® Rose gold



F0503 (B)  
Painted Cerakote® Light Gold



F0510 (B)  
Painted Cerakote® Dark Grey

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## ACTUATORS

**Electrical and mechanical specification**

→ Push-Button type:	SMD Tactile switch MOM - OFF
→ Rated current / Rated voltage:	20mA - 24V DC (*)
→ Withstanding voltage (1 min):	250V (AC)
→ Actuator and frame flammability rating:	UL94 V-0
→ Operation force:	260 g
→ Electrical life:	500.000 cycles
→ Stroke:	0,25 mm
→ Terminals:	SMD terminal block 24÷18AWG

**Regulatory Compliance**

The PCB included in the MakeUp keypads has been tested for Electromagnetic compatibility (EMC) in conformity with the essential requirements of the EN61000-6-2 (2016) - EN61000-6-3 (2007) +A1 (2011).

PLH Products must be installed according to the specifications, and in extra low tension systems. For this reason all PLH products are not UL LISTED and do not fall under 2006/95/EC Directive.

The normally open push buttons are designed to be installed only by DC safety transformers with maximum 24V and DO NOT directly control the load. Do not connect high-voltage power to low-voltage terminals. Improper wiring can result in personal injury or damage to the control or to other equipment.

Moreover all PLH components must be installed as described in the technical specification on equipment manufactured in compliance with the regulations, according to the latest safety rules, using certified materials and suitable to the characteristics of the environment and pose.

Installation and verification of compliance are not PLH responsibility.

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## LED

**Electrical and mechanical specification**

→ Backlighting (**) :	10 mA ≤ 30 V (DC)
→ Terminals:	SMD terminal block 24÷18AWG

(\*) Inductive load ARE NOT ALLOWED

(\*\*) Multiples led are with the common connected to - (minus polarity)

(\*\*\*) without any limitation of the current. Limitation need to be a part of the interface connect to our led

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