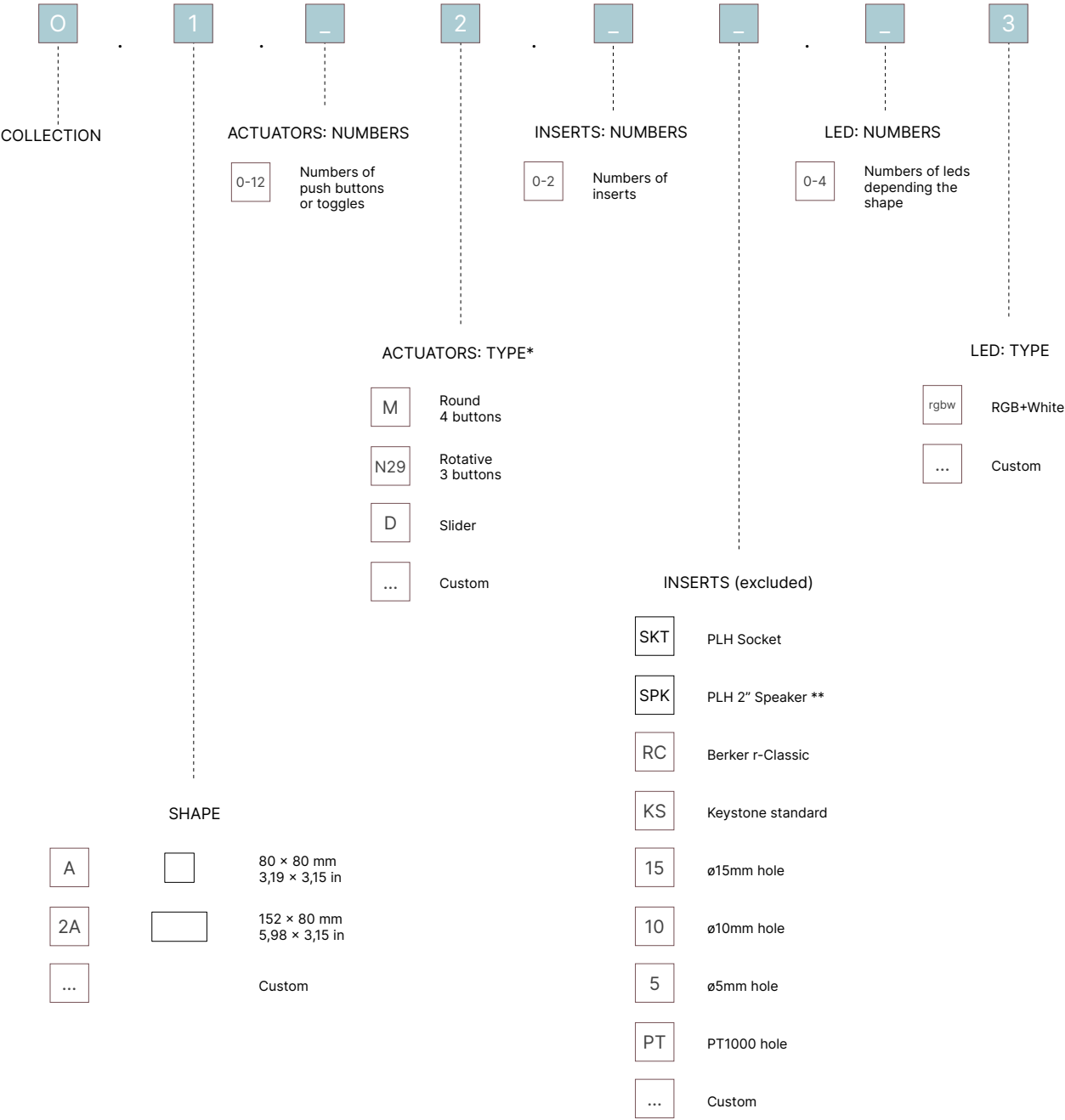




Essential and minimal in form,
inspired by Bauhaus
principles, it always appears
identical on the wall regardless
of the number of controls
present.

0.2A.0+0.0.0





** on request

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**

ENVIROMENT
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

1

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)

MATERIALS, TREATMENTS, NUANCE

Aluminium (6082 alloy)

































F0536 (B)
Painted Cerakote® Bright White

F0491 (B)
Painted Cerakote® Graphite Black

F0520 (B)
Painted Cerakote® Sangria

F0521 (B)
Painted Cerakote® Aztec Teal

F0519 (B)
Painted Cerakote® Sunflower

F0527 (B)
Painted Cerakote® MC Light Green

F0529 (B)
Painted Cerakote® Desert Sand

F0522 (B)
Painted Cerakote® Jesse James D Blue

F0516 (B)
Painted Cerakote® Hunter Orange

F0526 (B)
Painted Cerakote® MC Pale Green

F0530 (B)
Painted Cerakote® Flat Dark Earth

F0523 (B)
Painted Cerakote® MC Dark Grey

F0517 (B)
Painted Cerakote® Ruby Red

F0525 (B)
Painted Cerakote® MC Spec Green

F0528 (B)
Painted Cerakote® Plum Brown

F0524 (B)
Painted Cerakote® Navy Blue

2

M

ACTUATORS
Electrical and mechanical specification

- Push-Button type: Snap action momentary switch
- Rated current / Rated voltage: 50mA - 32V DC (*)
- Electrical life (full load): 300.000 cycles
- Stroke: 0,50 mm
- IP degree: 67 (front panel)
- Terminals: PicoBlade connectors / plug with wires 26 AWG

N29

- Push-Button type: Self-Return switch with Push-on switch
- Rated current / Rated voltage: 10mA - 5V DC
- Insulation resistance: 100 MΩ min. at 250V (DC)
- Operating life Self Return: 15.000 cycles
- Operating life Push: 20.000 cycles
- Stroke: 0,50 mm
- Terminals: PicoBlade connectors / plug with wires 26 AWG

D

- Actuator type: Slider 0-10V
- Rated current / Resistance: 50mA -10kΩ
- Electrical life (full load): 15.000 cycles
- Travel: 30 mm
- IP degree: 2x
- Terminals: SMD Terminal Block | Push-In Cage Clamp

The PCB included in the PLH 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). The PLH products are intended as Low Voltage Architectural Control Interface (Decorative wall-mounted control device for Class 2 systems) and are designed for Class 2 low-voltage systems (<24V DC); are assembled using UL Recognized components (switches, LEDs, plastics where applicable); complies with European directives (CE marking, where applicable). Important Notice: PLH products are not UL Listed as a complete assembly. 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

- Feedback led (**): $0,5 \leq I \leq 5 \text{ mA}$ (***)
- Positional Led (**): $10 \text{ mA} \leq 30 \text{ V (DC)}$
- Terminals: PicoBlade connectors / plug with wires 26 AWG

(*) Inductive load ARE NOT ALLOWED
 (**) Multiples led are with the common connected to - (minus polarity) to + on request
 (***) without any limitation of the current. Limitation need to be a part of the interface connect to our led

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