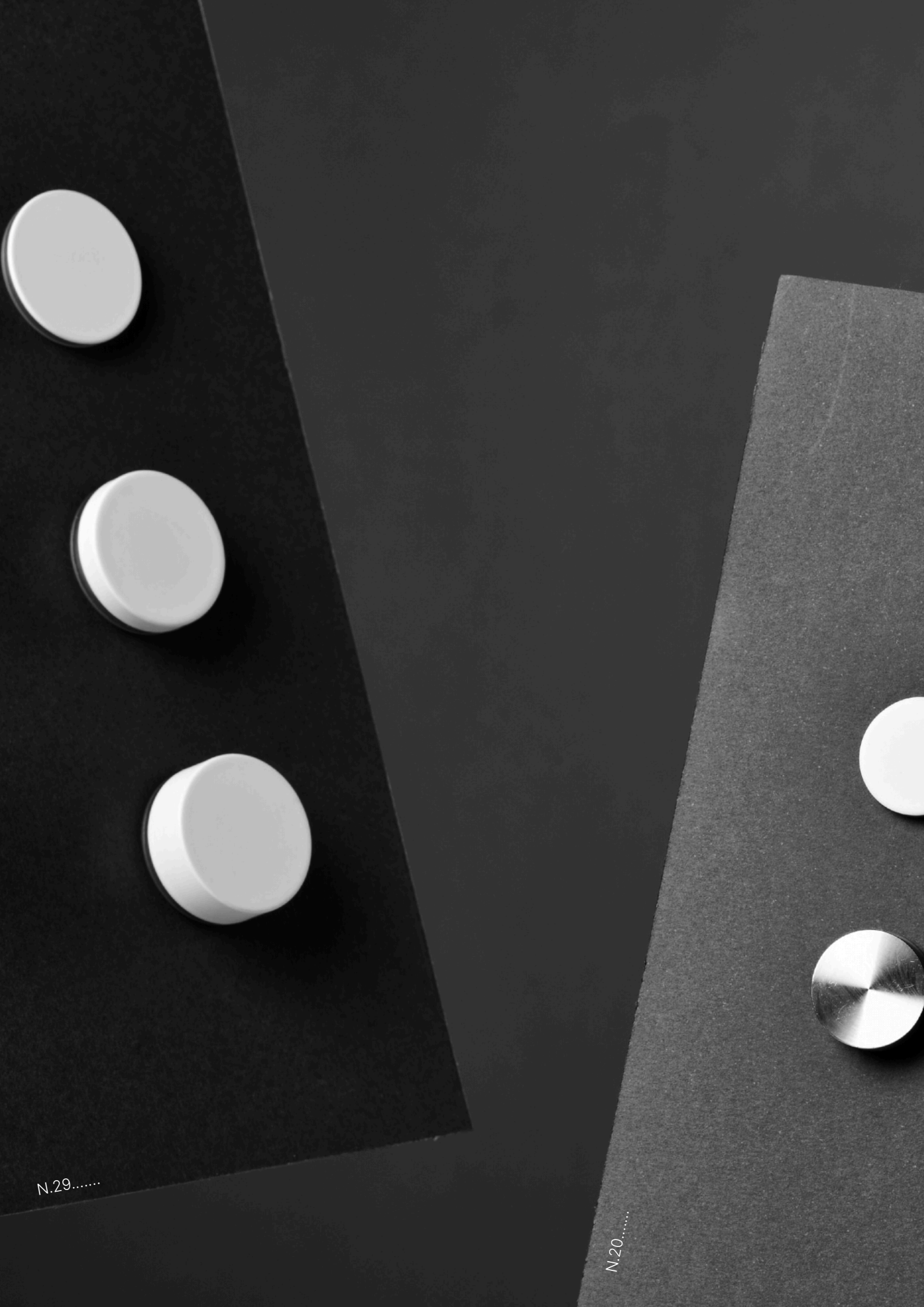


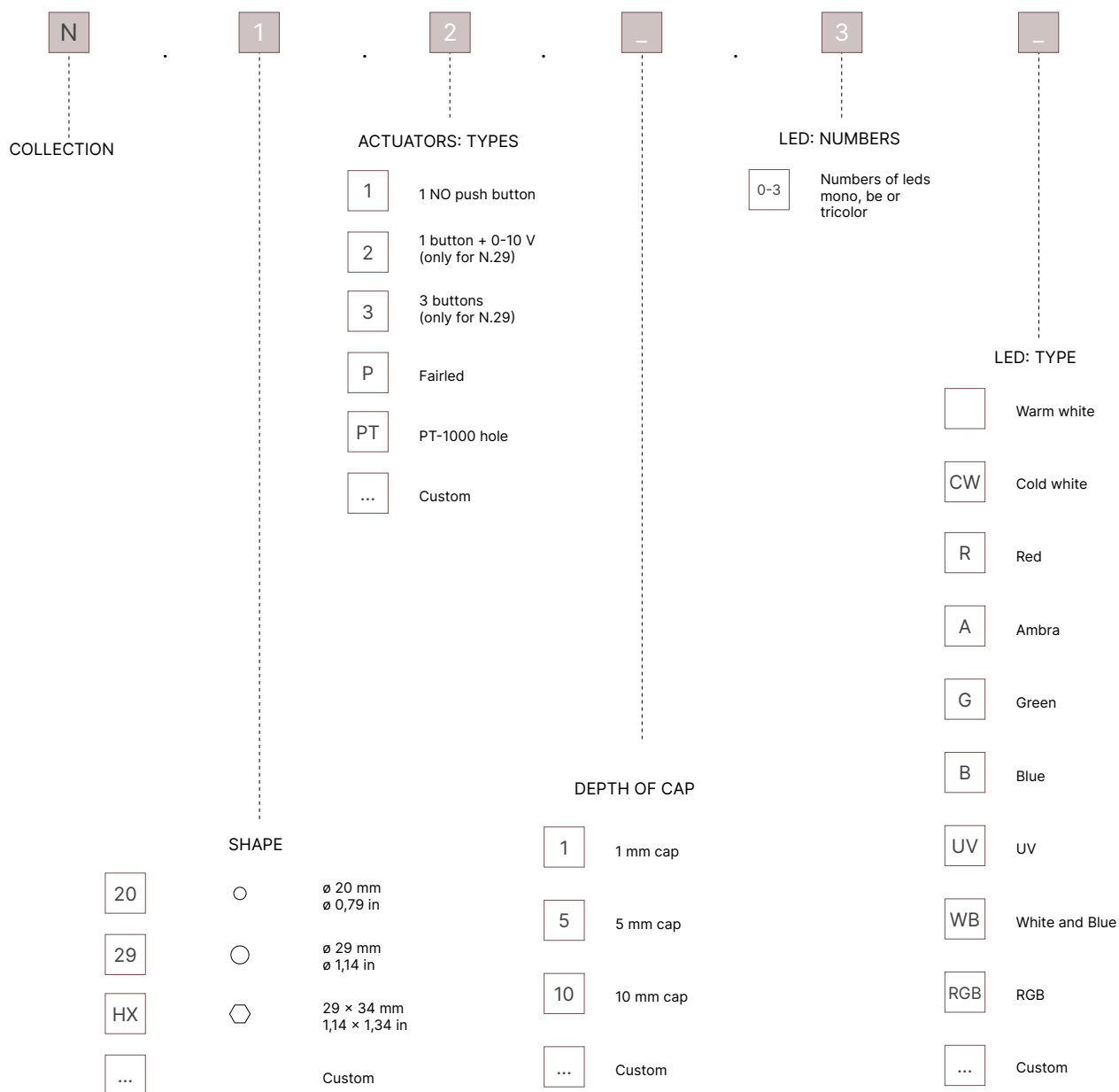


Neo wants to be exactly what it is: an elegant, discreet and decorative spot on the wall. An essential, flush-to-the-wall product with a highly innovative conception and design



N.29.....

N.20.....



DESCRIPTION

Keypad in solid metal material (6082 aluminum alloy, brass) machined by CNC machine, from a single sheet, 10mm thickness (8mm + 2mm of shadow gap), in round, square or rectangular format for main voltage and 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

1




Code	Shape	Dim.	Single box	Eu standard	Notes
20	○	ø 20 mm ø 0,79 in			Metal spring
29	○	ø 29 mm ø 1,14 in			PLH N.BOX
HX	⬡	29 × 34 mm 1,14 × 1,34 in			PLH N.BOX

MATERIALS, TREATMENTS, NUANCE



Aluminium (6082 alloy)

							
G0021 (A) Tumbled not protected	F0019 (A) Anodized brushed silver	F0007 (A) Anodized brushed black	F0001 (A) Anodized brushed inox	F0090 (A) Anodized brushed bronze	F0130 (A) Anodized brushed dark grey	F0022 (D) Sputtering Metal Bronze not prot.	F0024 (D) Sputtering Metal Zinc not protected
							
F0003 (A) Painted Matte RAL 9003	F0491 (B) Painted Cerakote® Black	F0501 (B) Painted Cerakote® Gun Metal	F0511 (B) Painted Cerakote® Silver	F0509 (B) Painted Cerakote® Rose gold	F0503 (B) Painted Cerakote® Light Gold	F0510 (B) Painted Cerakote® Dark Grey	

Stainless steel 316L

		
G0171 (C) Natural polished	G0104 (C) Natural brushed	F0112 (D) Is Pro® Gun Metal Velvet

Brass

				
G0063 (C) Tumbled not protected	F0013 (C) Brushed protected	F0005 (C) Polished Chrome	F0002 (D) DeCastelli Delabre' F2	F0014 (D) DeCastelli Delabre' Striato G7

2

ACTUATORS

1

Electrical and mechanical specification

- Push-Button type: Snap action momentary switch
- Rated current / Rated voltage: 100mA - 30V DC (*)
- Electrical life (full load): 60.000 cycles
- Stroke: 0,50 mm
- IP degree: 65 (front panel) on request
- Terminals: 50 mm precutted wires 18÷19 AWG

2

- Rotative / Push-Button type: 0-10V + tactile switch MOM - Off
- Total resistance / Rated voltage 0-10V: 10kΩ - 10 V DC - 50 V AC
- Rated current / Rated voltage Tactile switch: 1A - 12V DC (*)
- Withstand voltage 0-10V - Tactile switch: 2 mA - 300V per 1 min
- Insulation resistance 0-10V: 100 MΩ max. at 250V (DC)
- Rotation life: 10.000 cycles
- Mechanical life: 30.000 cycles
- IP degree: 67
- Terminals: PicoBlade connectors / plug with wires 26 AWG

3

- 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

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.

3

LED**Electrical and mechanical specification**

- Led (**): 4÷12 mA ≤ 12÷30 V (DC) - 5V on request
- Terminals: PicoBlade connectors / plug with wires 26 AWG

(*) Inductive load ARE NOT ALLOWED

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

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