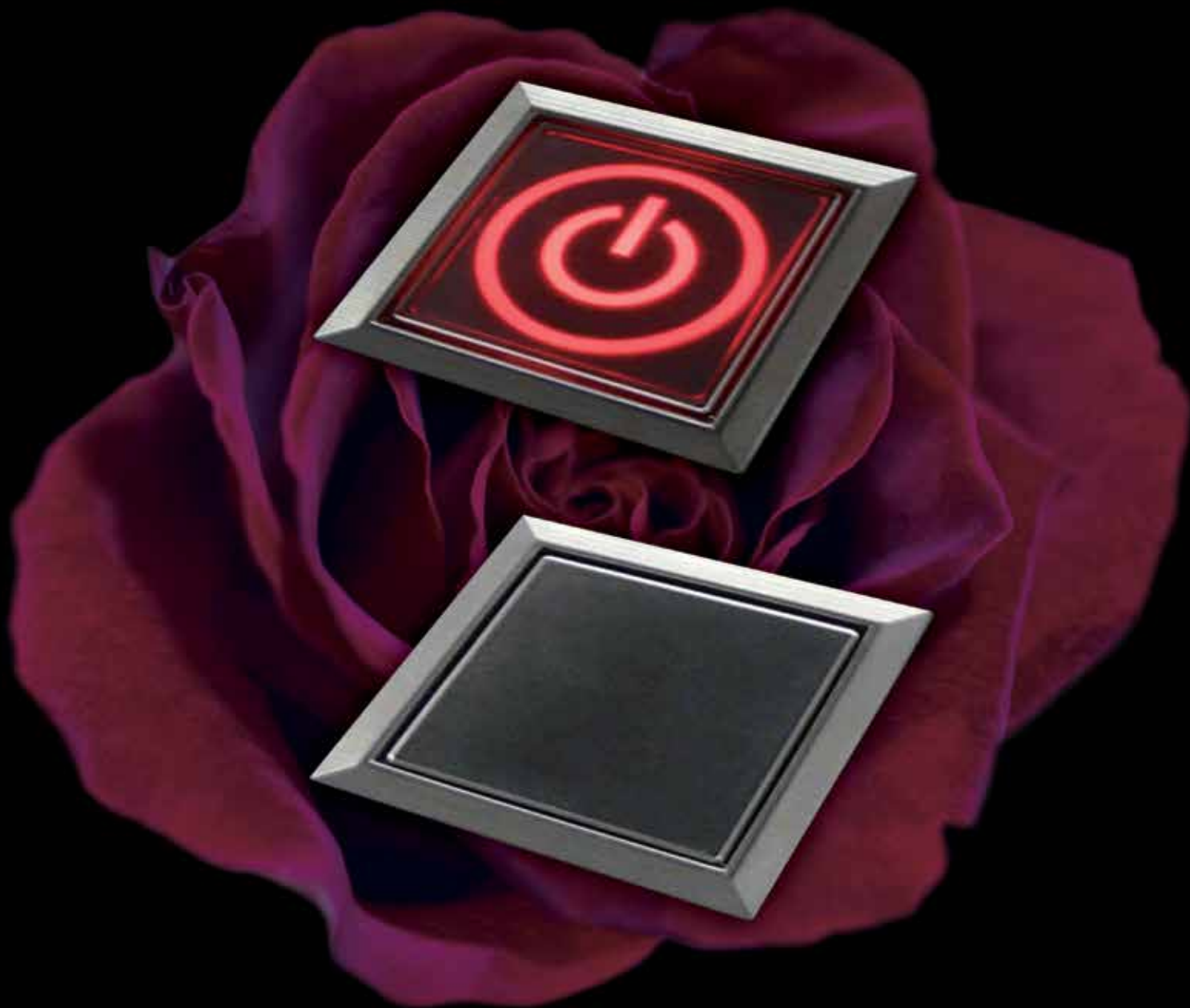


**New Products**

Contact No. 230

**NIKK**  
SWITCHES

# Cool Beauty



**YB2 Series**  
**Half-mirrored buttons**

**NIKK SWITCHES CO., LTD.**

*These buttons have a stainless steel effect,  
with two sides, lit and unlit!*

**Classy and Refined Stainless Steel-effect Buttons**

**Enhanced Durability to Protect From UV Rays etc.**

**Ready for Film Insertion (custom order) ... The picture or text stands out when lit**



**Non-continuous Vapor Deposition Eliminates the Need for Antistatic Measures**

**Panel Seal Mechanism**

This panel seal mechanism complies with IP65 under IEC 60529.

It greatly improves splash resistance and dust resistance.

**Helping to Save Space**

The switch body is a short 24.5mm, helping to save space.

Panel front height is 1.8mm, in the slimmest class in the industry\*

The slimmest class in the industry for a waterproof panel. Its front height is 1.8mm.

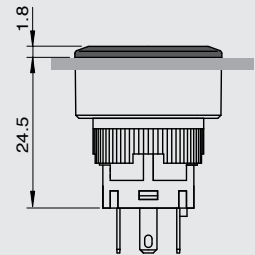
The protrusion of the front of the panel is reduced, helping to mount devices flush with the surface.

It can prevent malfunctions.

**Lightweight**

Vapor deposition onto plastic gives the feeling of metal.

It also saves weight, compared to metal switches.



**Comfortable Operation Feel**

The combination of plastic flange and button produces a comfortable and pleasant operation feel with no sensation of metal parts chafing together.

\*Panel front height of the waterproof type: According to our investigation on January 1, 2014

**▶ Main applications**

FA/OA machinery, medical devices, kitchen equipment, measurement instruments, equipment installed outdoors (coin parking lots), equipment installed in stores (vending machines), etc.



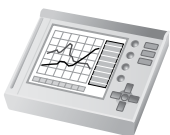
FA/OA machines



Equipment installed outdoors



Equipment installed in stores

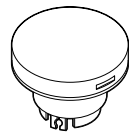


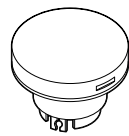
Instrument

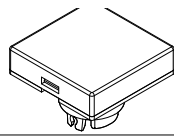
**▶ Sale start date**

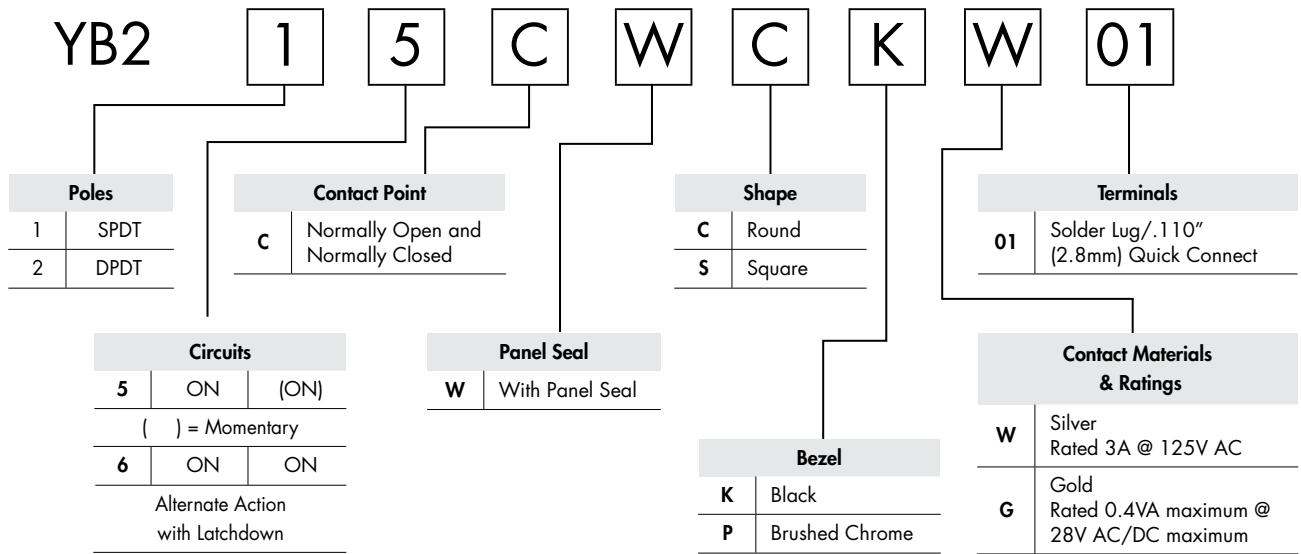
March 27, 2014

**▶ Operational button variations**

Fully-lit button for super-bright LEDs	
Accessories Model name	
AT3017HB	
Applicable light-emitting elements: AT-628, AT-634, AT-636	

Fully-lit button for super-bright LEDs	
Accessories Model name	
AT3018HB	
Applicable light-emitting elements: AT-625, AT-631, AT-632	

Button for super-bright LEDs	
Accessories Model name	
AT3025HB	
Applicable light-emitting elements: AT-628, AT-634, AT-636, AT-625, AT-631, AT-632	



**LEDS**

Bright LED			
LED Colors		Resistor	
5C	Red	No Code	No Resistor (not for Green)
5D	Amber	05	5-volt
		12	12-volt
5F	Green	24	24-volt

**NEW** →

Super Bright LED	
6B	White
6F	Green
6G	Blue

**NEW** →

Nonilluminated	
N	No Lamp

**NEW** →



**Cap Types & Colors**

Lens/Diffuser Colors	
JB	Clear/White
JS	Metallic Silver Cap/Clear Ring (Round only)
CB	Red/White
EB	Yellow/White
FB	Green/White
HB	Unbrushed Chrome/White

LED and cap need to be the same color. Yellow cap pairs with amber LED to achieve amber illumination. Codes JB and JS (Round only) may be combined with all LED colors.

Lens/Diffuser Cap Colors	
JB	Clear/White
JS	Metallic Silver Cap/Clear Ring (Round only)
HB	Unbrushed Chrome/White

Cap Color	
JB	Clear/White
CB	Red/White
EB	Yellow/White
FB	Green/White
HB	Unbrushed Chrome
P	Brushed Chrome

► Switch exterior diagram

Circular	Single pole double throw	Double pole double throw		Single pole double throw	Double pole double throw	
				Terminal number diagram		
Square	Single pole double throw	Double pole double throw		Single pole double throw	Double pole double throw	
				Terminal number diagram		

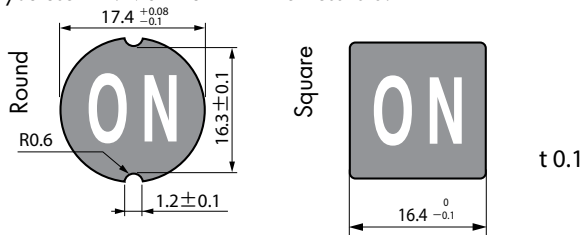
► Refer to our website for common switch specifications, mounting hole dimensions, instructions, and other detailed information.

► Display on operational parts

A film inside the operational part can be used to display characters, symbols, etc.

Contact us as stated below if you need display service.

If you use film: Maximum film thickness is 0.1 mm



Precautions

- Depending on the design shape and ink color, the design printed on the film may be visible from outside the button when it is unlit.
- We recommend cutout (negative color) text for improved visibility when text printed on film is lit.

The company name will change from April 1, 2014.

New company name **NKK SWITCHES CO., LTD.**

New URL and e-mail (from April 1, 2014)

URL <http://www.nkk.com/> E-mail [nkkswitches@nkkswitches.co.jp](mailto:nkkswitches@nkkswitches.co.jp)

\* Specifications presented here are subject to change without notice. Check with our staff for the latest specifications.