

NIKK
SWITCHES

Reliable Switch Solutions for the
MEDICAL INDUSTRY



Over 65 Years of Engineering and Manufacturing Excellence

- > Design and Manufacturing of All Products

> Widest Selection of Electromechanical Switches in the Industry

> Free Online 3D CAD Models with over 500,000 Product Variations

> Custom Products for Specific Applications

> High Quality and Environmentally Safe Products (RoHS, REACH)

> ISO Certified Facilities

> Value-Added Services

• Screen, Pad and Laser Printing


• Wire Harness Assembly


Switches for Your Toughest Applications


NKK Switches provides proven and reliable switch solutions to withstand even the toughest environments. Our switches come in a variety of types and range from 3A to 50A with IP ratings from IP50 to IP67. We also feature a vast selection of switch accessories.


Medical Application Examples


X-RAY / MEDICAL IMAGING / ULTRASOUND





JP PUSHBUTTON



UB PUSHBUTTON



UB2 PUSHBUTTON



JW ROCKER



YB PUSHBUTTON


TREATMENT TOOLS / MACHINES






CWSB ROCKER


SMARTSWITCH


LP01 PUSHBUTTON


CK KEYLOCK


JW ROCKER


JP PUSHBUTTON

PATIENT MONITORS




LB PUSHBUTTON



FM MEMBRANE


YB2 PUSHBUTTON



ND3 ROTARY


TP01 TOUCH SCREEN

MEASURING EQUIPMENT / METERS




LP01 PUSHBUTTON


YB2 PUSHBUTTON


MRK ROTARY


JW ROCKER

DENTAL EQUIPMENT / CHAIRS




JP PUSHBUTTON



M TOGGLE


LW ROCKER

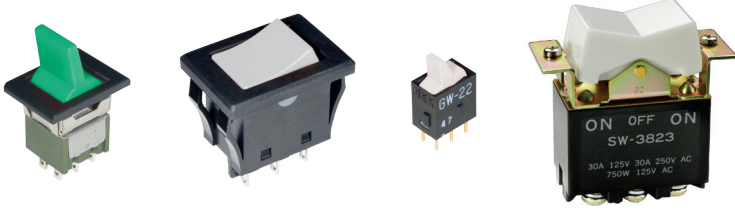
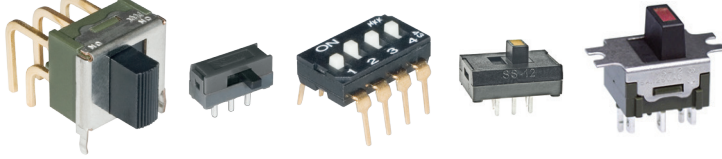


LB PUSHBUTTON


CK KEYLOCK

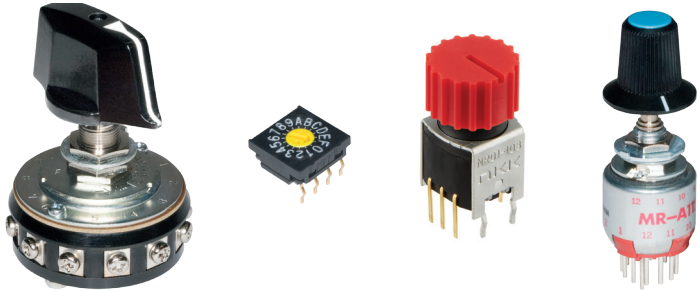
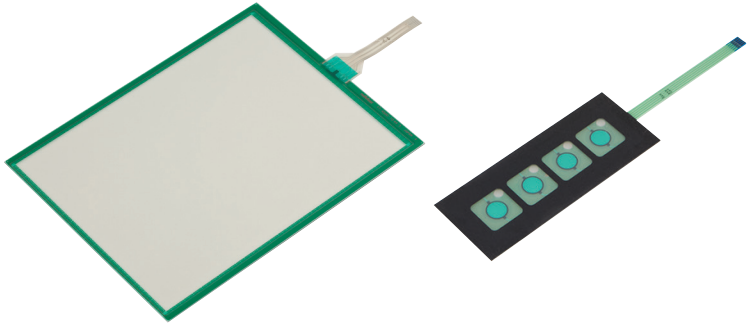

NKK Product Overview

Images are for reference only. For complete information, see NKK Switches full line product catalog.	Electrical Rating	IP Rating	Size	Product Series
<div>SmartSwitch® Product Line with Programmable Display</div> <div></div> <div>Programmable, illuminated display provides clear, crisp visibility in various medical treatment settings. Programmable flexibility for a multitude of options.</div>	Pushbutton: 100mA @ 12V DC Rocker: 3VA max DC	<div>IP64</div> <div>(OLED Rocker)</div>	Compact to Standard	SmartSwitch
<div>Pushbuttons – Illuminated and Nonilluminated</div> <div></div> <div>Crisp actuation and brilliant LED illumination options available in an array of colors. Industry-leading color matching technology combined with high reliability well suited for many medical applications.</div>	Logic Level to 16A	<div>IP65</div> <div>IP67</div> <div>available; environmentally sealed option</div>	Subminiature to Standard	AB, BB, EB, FB, FP01, GB, GB2, G3B, HB, HB2, JP, KB, KP, LB, LP01, M2B, MB2000, MB2400, NP01, SB, SCB, UB, UB2, WB, YB, YB2
<div>Toggles – Illuminated and Nonilluminated</div> <div></div> <div>High quality and dependability. Fully illuminated and LED-tipped illuminated versions available in a range of colors. Designed to perform and withstand extreme environments for critical applications.</div>	Logic Level to 50A	<div>IP65</div> <div>IP67</div> <div>available; environmentally sealed option</div>	Subminiature to Standard	A, B, G, G3T, M, M2100, M2T, P, S, TL, WT

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<div>Rockers – Illuminated and Nonilluminated</div> <div></div> <div>Power level, IP-rated, process-sealed versions available in various mounting and termination styles to accommodate a wide range of medical applications. Brilliant LED illumination options available to customize.</div>	Logic Level to 30A	<div>IP65</div> <div>IP67</div> <div>available; environmentally sealed option</div>	Subminiature to Standard	A, CW, G, GW, JW, JWS, LW, M, M2100, M2T, MLW, P, SW, WR
<div>Slides – Illuminated and Nonilluminated</div> <div></div> <div>Award-winning STC contact mechanism with benefits available in conventional mechanisms: smoother, positive detent actuation, increased contact stability and unparalleled logic-level reliability. SMT options.</div>	Logic Level to 6A		Subminiature to Miniature	AS, CS, FS, JS, MS, SM, SS, SS3
<div>Tactiles – Illuminated and Nonilluminated</div> <div></div> <div>Specially process-sealed construction prevents contact contamination and allows for automated wave soldering and cleaning. Crisp tactile feedback to positively indicate circuit transfer. SMT options.</div>	Logic Level to 125mA @ 24V DC		Subminiature to Miniature	CB, CB3, HP02, HP03, JB, JF, JL

NKK Product Overview

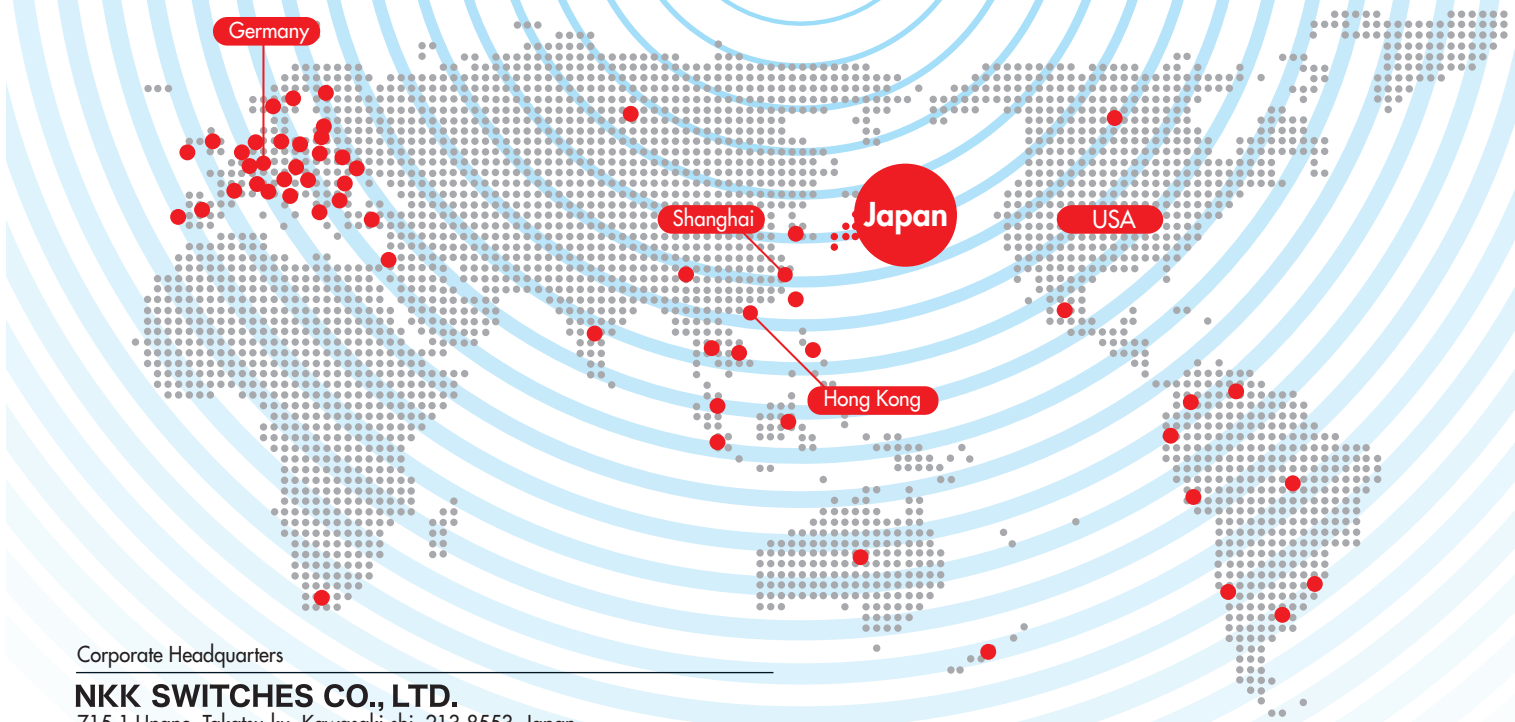
Images are for reference only. For complete information, see NKK Switches full line product catalog.	Electrical Rating	IP Rating	Size	Product Series
<div>Rotaries</div> <div></div> <div>A comprehensive line of rotaries meets a variety of applications, including 8 or 10mm DIP rotaries, half-inch diameter process-sealed models, power level devices. A variety of knobs and caps available.</div>	Logic Level to 30A	IP67 Options Available	Ultra-miniature to Standard	FR01, FR02, HS, MR, MRB, ND, ND3, PS, TS
<div>Touch Screens and Membranes</div> <div></div> <div>Multi-touch technology resistive touch screens well suited for gloved-hand medical environments. Membrane switch keypads with crisp, tactile feel to ensure clear feedback in critical applications.</div>	Touch Screens: 5-wire resistive 5.5V DC 4-Wire Resistive & Digital 1mA @ 5V DC Membranes: 20mA @ 24V DC		Touch Screens: 5.7" to 19" Membranes: 4-, 12- and 16-Key Illuminated or nonilluminated	FT, TP01 (Touch Screens); FM (Membrane)
<div>Keylocks and Tilt Switches</div> <div></div> <div>Five types of keylocks for a range of security needs, from antistatic process-sealed subminiature to high-security standard size options. Mercury-free tilt switches constructed with metallic ball contacts or photo interrupter.</div>	Keylocks: Logic Level to 3A Tilt: 0.1A @ 12V DC; 5V Photo Interrupter		Keylocks: Subminiature to Standard Tilt: Miniature, Subminiature	Keylocks: CK, SK Tilt: DSA, DSB

3D CAD Models

Our website features 500,000 + downloadable CAD models in over 150 file formats.



A Worldwide Distribution of Sales and Service



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