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For more information, contact:

Yoshiyuki Satou (NKK Switches)..... 81 44 813 8008

**NKK SWITCHES RELEASES TAMPER RESISTANT 22MM & 24MM IP65
PANEL SEAL PUSHBUTTONS**

YB2 Series pushbuttons feature industry's shortest above panel dimension



Kawasaki, JAPAN. (Sept. 7, 2012) – NKK Switches, the world's leading designer and manufacturer of innovative electromechanical switching devices, today announced the availability of the YB2 Series of 22mm round and 24mm square pushbuttons offered in both illuminated and non-illuminated models. These tamper resistant, panel seal switches are suited for applications in public locations or where there is a need for greater protection from environmental conditions, including medical equipment, industrial and commercial control panels.

Features for the YB2 pushbuttons include tamper resistant, flush mount, panel seal and super low profile. The dust-tight and splash-proof panel seal design protects the YB2 series against low pressure jets of water from all directions and meets IP65 of IEC60529 standards.

The YB2 Series gives design engineers a robust switching device with a multitude of options for potentially damaging environments. Available this fall, NKK will offer the actuator and bezel in stainless texture.

The illuminated pushbuttons feature bright or super bright LEDs. Super bright LED options include blue, green and white. Bright LEDs are available in red, green and amber, with matching color caps and built in ballast resistors. Bezel options are silver or black. Ring illumination is also available for the 22mm round version.

Cap color options for non-illuminated models include white, red, green, yellow or metallic silver for an enhanced panel design.

Available in SPDT and DPDT momentary and maintained action, this series features crisp actuation provided by the snap-action contact mechanism. This ensures clear

circuit status and is supplemented with a latch-down actuator for maintained models. The YB2 Series also has a distinctive long stroke and light actuation.

Design engineers can also choose either power rated or logic level options. Ratings are 3A@125V AC, 3A@250V AC or 3A@30V DC for power models, and 0.4VA@28V AC/DC maximum for logic level versions.

The YB2 series has a flammability rating of UL94V0. Mechanical life is 1,000,000 operations minimum for momentary circuits and 200,000 operations minimum for maintained circuits. Electrical life is 100,000 operations minimum.

Terminals are a combination of solder lug and .110" quick connect. The epoxy seal locks out flux, dust, solvents and other contaminants, as well as securing the terminals for contact stability. cULus recognized when ordered with /CUL marking on the switch.

A leading designer and producer of electromechanical switches, NKK Switches offers one of the industry's most extensive selections of illuminated, process sealed, miniature, specialty, surface mount and programmable switches. NKK manufactures more than 3.5 million toggle, rocker, pushbutton, slide, rotary, DIP rotary, keypad and keylock switches, each of which can be used as the foundation of a customized design. All switches are designed and manufactured to provide the quality and dependability that has made NKK the benchmark for reliability for over half a century.

NKK continues to lead the industry in responding to the needs of the marketplace with innovation, high reliability, customization and a commitment to excellence. The company provides a full suite of customization solutions that include: design, programming, printing and support. Downloadable 3D CAD models of the company's switches are available, allowing design engineers to quickly integrate complex models into their designs at no charge. NKK maintains a complete network of qualified representatives and distributors through the United States, Canada, Central and South America, Europe and Asia.

Engineers who design the human-machine interface for their products rely on the broad product line, specialized design expertise and customer support of NKK Switches. For more information, contact NKK Switches, 715-1, Unane, Takatsu-ku, Kawasaki, 213-8553, Japan. Phone: 81 44 813 8008. Fax: 81 44 813 8038. Visit the NKK Web site at www.nkk.com.

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