Antistatic, snap-in keylock switch offers secure mounting

NKK Switches [1] announced the availability of the new SK Series [2] of miniature, antistatic, snap-in keylock switches. This new series offers secure mounting and is ideal for designs requiring space-saving, minimum-security switching.

The SK Series' housing and bushing are made of high-insulating, glass fiber reinforced polyester capable of withstanding 15 kilovolts of electrostatic discharge, thus providing superior antistatic protection.

In addition, these devices are offered with solder lug and .071" (1.8 mm) quick connect for simple installation. Wire harness customization options are also available upon request, further simplifying set up.

A behind panel dimension of .089" (22.7 mm) makes the new SK model a perfect solution for applications where high density mounting and a short behind-panel depth are required. Panel cutout dimensions are a mere .039" to .079" (1.0 mm to 2.0 mm)

The SK Series' crisp and positive detent mechanism ensures accurate switch settings. In addition, the SK keylock has a high dielectric strength of 500 volts between contacts and case. The mechanical life of the SK Series is rated at 30,000 operations minimum, while electrical life is at 10,000 operations minimum.

SK Series devices are available in a single-pole, three-throw circuit configuration, and the contacts are non-shorting (break-before-make). The three-position ON-ON-ON model has 45-degree indexing with keys removable in positions 1, 2 and 3. They are supplied with two brass keys with nickel plating and an ABS resin handle. Additional keys are available upon request.

This new series also features a dust-resistant interior construction to protect the contacts, and terminals are epoxy sealed to prevent the entry of flux and other contaminants. Rated at 0.4VA max @ 25V AC/DC, the SK Series also has an operating temperature range of negative 40 degrees through positive 185 degrees Fahrenheit.

Visit the NKK Web site at www.nkkswitches.com [1].

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Links:
[1] http://www.nkkswitches.com
[2] http://www.nkkswitches.com/series.aspx?stid=7&id=5095