

Staco Systems

Industry Leader in Human-to-Machine Interface Solutions

Staco Systems is a global provider of control solutions for aerospace, avionics and defense applications. Staco Systems recently designed, manufactured and launched an ultra-compact, four-pole LED illuminated pushbutton switch. This ground-breaking switch technology has contributed to the continued success of its custom sub-assemblies business division launched in 2009.

S200 ULTRA-COMPACT IPB SWITCH

The Series 200 (S200) is an ultra-compact, four-pole lighted pushbutton switch with durable, cool-to-the-touch LED lighting for all standard, NVIS and custom requirements. The S200 is significantly lighter and shorter than any other IPB switch while providing superior optical performance using revolutionary filter technology. Its ultra-sharp legend presentation provides excellent readability in the harshest viewing environments and its generous .560 inch square display area provides for wider viewing angles, assuring improved readability in cross-cockpit viewing conditions. It is available in all MIL-PRF-22885 & MIL-STD-3009 display formats and colors and its modular optical design allows easy customization of the display lighting



(display style, color and brightness) to meet any user application.

Since its launch at the Farnborough Air Show in July 2010, the S200 has received glowing reviews from military and commercial vehicle (land, sea and air) OEMs around the world. System Integrators are embracing the immense size and weight benefits offered by the S200: Panel depths can be cut in half or more and vehicle and aircraft fuel efficiencies can be increased significantly. With an overall length of less than 1 inch, this switch has the ability to fit where most switches cannot.

Staco Systems' Sub-Systems Division has integrated the S200 into a complete panel assembly for a shipboard communications application. Selected for its ability to withstand very high shock, the S200 reduced the enclosure depth from 4 inches+ to 1.5 inches, thus saving precious space behind the panel.

SUB-ASSEMBLIES

With its expertise in electro-mechanical and optical design and manufacturing, Staco Systems introduced the sub-systems division and is successfully gaining an established product market position. Staco Systems is one of the few companies worldwide that has the design, manufacturing and

supply chain management abilities to coordinate and integrate the numerous components that sub-assemblies require, allowing its customers to focus on their core competences, and keeping their production on time, and on budget.

After demonstrating its design and manufacturing expertise and its short lead-times, a growing list of OEM's and System Integrators are adopting Staco Systems as a partner for their HMI sub-assembly requirements. Typical sub-assemblies include Illuminated light plates or simple metal faceplates, commercial or NVIS Lighting, COTS Components, including electromechanical switches and controls, integrated keyboard/keypad functions, annunciators (warning/caution/advisory), harnessing/cabling/connectors and are of enclosed or open frame construction.

Serving demanding top companies in aerospace and defense such as General Dynamics, Raytheon, Lockheed Martin, L3 Communications and Boeing, requires achieving and maintaining difficult-to-earn AS9100B, ISO 9001:2000, Mil-spec and FAA certifications. Staco recognizes the importance of demonstrating the ability to develop timely solutions to meet the world's most exacting quality standards.

Staco Systems also places the utmost value on customer communications. Teams respond to all inquiries as quickly and efficiently as possible, including two days or less for project quotes. Staco Systems' ability to rapidly deliver high-quality off-the shelf and fully customized solutions allows Staco to give its customers a competitive advantage.

Contact Information

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