



Hunter Cable Assembly Ltd

a specialist manufacturer and distributor of
cable assemblies, wiring looms and harnesses, box builds and sub assemblies

Switch Assembly Tech for Reliability

17 Jun 2011

Switch assembly products from Molex are being promoted as being suitable for virtually every type of electronic device user interface.

Molex Incorporated is a global manufacturer of custom switch products. Their products are used in industries such as appliance, automotive, industrial equipment, medical device and diagnostics, military, telecommunications and a range of other product manufacturing sectors.

What are Membrane Switches?

Membrane switches provide durable, lightweight and low-profile options for integrating user interfaces and electronic components.

Switch solutions often include membrane switches, embedded LEDs, display flex assemblies, polyester or metal dome arrays, PCB-substrate passive and active front panel keypads and silicone rubber keypad assemblies.

“As the largest flat panel switch manufacturer in the world, the Molex team provides customers with innovative and cost-effective switch designs and options that match their product concepts and budget,” said Todd Hester, Molex vice president and general manager of printed circuit products.

“Whether the application requires a simple membrane switch or a complex control panel assembly, Molex has the technology, capacity, and imagination to turn ideas into functionality.”

Capabilities:

The switches provide low-profile control panel assemblies which are good for touch-pad applications.

Their membrane switches bond LED assemblies – offering a highly reliable solution, and the capacitive switches incorporate solid-state circuitry in a robust interface – this is highly resistant to multiple key presses, water, dirt, contaminants and EMI.

Switch Assemblies UK

Hunter Cable Assembly uses Molex products in many of the cable assemblies they perform, including [switch assemblies](#).

The industries Hunter Cable Assembly provides cable assembly solutions for include the following:

- Scientific instrumentation
- Traffic Management
- Security
- Industrial
- Military
- Process control
- Datacomms

Hunter Cable Assembly has 30 years providing cable assemblies, box builds, waterproof cable assemblies and overmoulded cable assemblies, to mention a few.

Visit www.hcal.co.uk for more information and to discuss your requirements in more detail.