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## ECE DIP Switches offer reliability and increased life expectancy



ECE's range of through hole dual in-line switches are available in two primary ranges, top slide and piano key. These popular and cost effective switches are used in a wide variety of applications such as data processing, communications, security and any other situation that requires factory or user configuration.

Both ECE ranges utilise the well proven and highly reliable wiping contact arrangement with gold plated contact areas for increased switching life and reduced contact resistance.

The top slide and piano key style switches are on an industry standard 2.54mm pitch and have raised actuators for easy operation. Available in 1 to 12 poles the switches have a life expectancy of 3000 operations per pole and are tested for vibration resistance to MIL-STD-202F method 204D.

Contacts are rated at 100mA, 50Vdc in the static position or 25mA, 24Vdc switching. Contact resistance is 50m Ohm maximum (initial) rising to 100m Ohm max after 3000 operations, demonstrating the reliability and stability of the contacts. Insulation resistance is 1000M Ohm minimum at 100Vdc and the insulation can withstand 500Vdc for 1 minute. Operating temperature range is -25°C to +70°C.

The switches have sealed bases to prevent flux ingress during the soldering process and have blue moulded bodies that are flame retardant to UL94V-0. They are supplied in tubes for convenient handling.

- [Click here to view the product data in Adobe Acrobat format.](#)

Furthermore, to suit customers individual requirements ECE can supply the switches with recessed levers, tape sealed to allow for board washing. Ganged switch configurations can also be supplied.

For more information on the full range of ECE products available from Anglia please call 01945 474747 or email [sales@angliac.com](mailto:sales@angliac.com)

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This news article was published in March 2003.

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