







This series offers standard programme setting switches to suit applications where `end stacking` up to any number of switches without missing a pitch is required.

-  Large numerals and actuators plus EIA colour coded sliders with open access to them.
-  Base sealed for flow soldering.
-  1 µm hard gold plated wiping contact gives high reliability in low level circuits.
-  If you have a volume requirement for a product variant not shown on this sheet please contact us.

Principal Electrical and Performance Data

at 20°C 70% R.H.

Contact Ratings: Non Switching: 100Vac, 5A Switching: 1 µV to 100V, 1µA to 1A up to 10VA.

Initial Contact Resistance: (at 10mV, 10mA max.) Typical: 10mΩ. Max. 20mΩ.

Insulation Resistance: (at 500Vdc min.) 10,000MΩ.

Life: For the first 1000 closures the standard deviation of the change in resistance from the mean is usually less than 1 mΩ. Mechanical wear out of the sliding actuator is usually observed after 10,000 operations.

Dielectric Strength: 1 minute: 500Vrms 50Hz.

Capacitance Between Open Contacts: < 1 pf at 1 KHz.

Temperature: operating range for continuous electrical use and manual operation is restricted to -55°C to +100°C for standard products.

Humidity: BS 2011 Test Ca: 56 days.

Bump: BS 2011 Test Eb: No contact interruptions > 1µs during 4000 bumps at 390m/s² (40g).

Acceleration: BS 2011 Test Ga: No contact interruptions > 1µs during test at 980 m/s² (100g).

Vibration: BS 2011 Test Fc: 10 to 2000Hz. No contact interruptions > 1 µs during test at 147 m/s² (15g) or 1.0mm displacement amplitude.

Shock: BS 2011 Test Ea: 980 m/s² (100g). No contact interruptions > 1 µs during test.

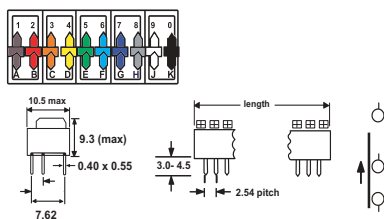
Soldering: solderability: < 2 seconds to wet at 235°C as per IEC 68 and BS 2011 Test T. solder bath method.

Resistance to soldering heat as per IEC 68 and BS 2011 10 seconds satisfactory at 260°C when mounted on 1.5mm PCB.

Please note: BS 2011 is now superseded by BS EN 60068.

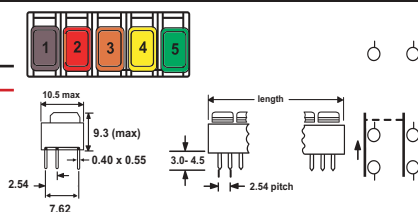
Spectra C CHANGEOVER s.p.d.t
SCS 014 series

Number of s.p.d.t	Part Nos SCS-plus suffix	Length mm max
1	1-014	3.1
2	2-014	5.0
6	4-014	15.0



Spectra C CHANGEOVER d.p.d.t
SCS G-014 series

Number of d.p.d.t	Part Nos SCS-plus suffix	Length mm max
1	1G2-014	5.0



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