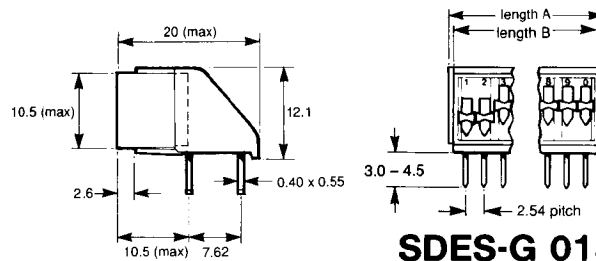
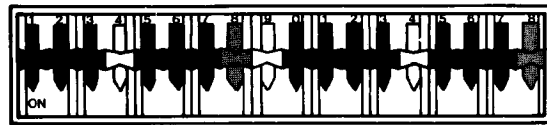


SpectraEDGE ON/OFF s.p.s.t.

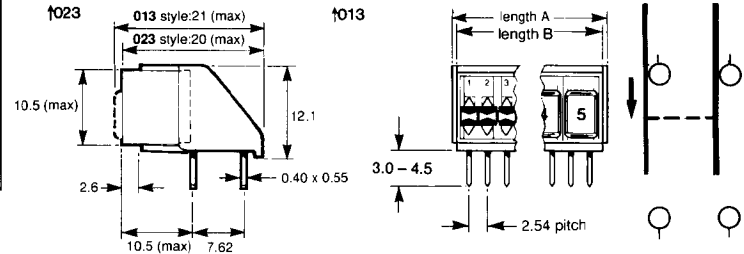
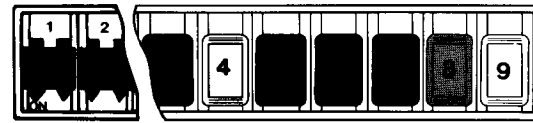
SDES 013 & 023 series

Number of s.p.s.t.	Part No's SDES-plus suffix*	Length 'A' mm max	Length 'B' mm max
2	2-023	7.5	6.7
4	4-023	12.6	11.8
6	6-023	17.6	16.8
8	8-023	22.7	21.9
10	10-023	27.8	27.0
12	12-023	32.9	32.1
14	14-023	38.0	37.2
16	16-023	43.0	42.2
18	18-023	48.1	47.3



SpectraEDGE, ON/OFF d.p.s.t.

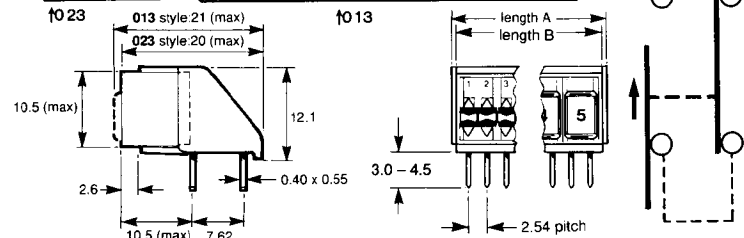
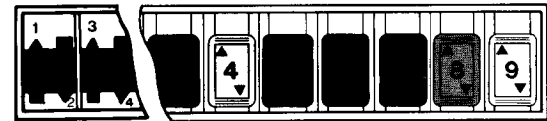
Number of d.p.s.t.	Part No's SDES-plus suffix*	Length 'A' mm max	Length 'B' mm max
1	1G2-023	7.5	6.7
2	2G2-023	12.6	11.8
3	3G2-023	17.6	16.8
4	4G2-023	22.7	21.9
5	5G2-023	27.8	27.0
6	6G2-023	32.9	32.1
7	7G2-023	38.0	37.2
8	8G2-023	43.0	42.2
9	9G2-023	48.1	47.3



SpectraEDGE, CHANGEOVER s.p.d.t.

SDEC 013 & 023 series

Number of s.p.d.t.	Part No's SDEC-plus suffix*	Length 'A' mm max	Length 'B' mm max
1	1-023	7.5	6.7
2	2-023	12.6	11.8
3	3-023	17.6	16.8
4	4-023	22.7	21.9
5	5-023	27.8	27.0
6	6-023	32.9	32.1
7	7-023	38.0	37.2
8	8-023	43.0	42.2
9	9-023	48.1	47.3



Principal Electrical and Performance Data at 20°C, 70% R.H.

Contact Ratings

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

Initial Contact Resistance (at 10mV, 10mA max.)
Typical: 10mΩ. Max. 30mΩ.

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

Life:

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

Dielectric Strength

1 minute: 500V r.m.s. 50Hz.

Capacitance between open contacts: < 1pf. 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.

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.

SpectraEDGE – 013 & 023 styles SDES and SDEC ranges

This is the switch for “through panel” mounting, where the user is expected to set the codes, or in live card access applications.

- 2 to 18 s.p.s.t. or 1 to 9 or d.p.s.t. dual in line mounting. See SCES for up to 18 s.p.d.t. with triple in line mounting space saving.
- Fully enclosed SDES series is on 0.300" mounting centres. The “open” SDOS series on a space saving 0.100" centres is detailed on a separate data sheet — ask our Sales Office.
- Allows for through panel mounting from the edge of the PCB.
- 1µm hard gold plated wiping contact gives high reliability in low level circuits.
- Base and tape sealed for flow soldering and solvent/aqueous washing.
- Most models are stocked at Dunstable.
- Special actuator, colours, codes and “end stackable” (014) versions available on short lead times.

