

DIL Switches — continued

Tri State



- Single pole tri state DIL switch
- Flammability rating **UL94V-0**



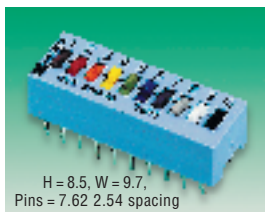
H = 3.6, W = 24.3, D = 10.0, Lead pitch 2.54

Contacts	Gold plated over nickel	Terminals	Tinned
Contact rating	25mA 24Vdc 100mA 50Vdc non switching	Life expectancy	2000 ops.
Operating temperature	-20°C to ±70°C	Insulation resistance	100MΩ@500V
Dielectric Strength	500Vac 1 min.		

SW357

No. of Ways	Mfrs. List No.	Order Code	Price Each				
			1+	25+	50+	100+	500+
8	MCTDS-08	566-731					

Colour Coded 100mA @ 50V dc



- Single throw style with 'ON' status clearly indicated.
- International colour coded actuators.
- Gold plated contacts for long term corrosion resistance.
- Umbrella style sliders prevent ingress of particles.
- Reliable positive wiping contact operation.
- Tape sealed suitable for flow soldering and solvent cleaning.

Initial contact resistance	50mΩ	Dielectric strength	500V ac
Insulation resistance	100MΩ	Operating temperature	-55°C to +85°C

SW128

No. of Ways	Length	Order Code	Price Each				
			1+	50+	100+	500+	1K+
4 way	12.34	917-527					
6 way	17.4	917-539					
8 way	22.5	917-540					
10 way	27.5	917-552					

End Stackable – 014 Series 1A @ 100V up to 10VA



SDS single throw
H = 8.3, W = 10.6



SDC double throw (PCB linked)
H = 9.2, W = 10.6

- End stackable
- Single throw style have 'ON' and 'OFF' status clearly indicated by arrowheads
- Double throw style will give break-before-make changeover action with pairs of pins on one side of the switch PCB linked
- International coded actuators ease identification and enhance appearance of circuit layout

- Approved to **BS9566 F0004**

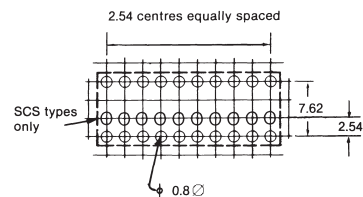
Initial contact resistance (10mV, 10mA max)	20mΩ max, 10mΩ typical
Body material	Glass filled polyamide
Insulation resistance	100,000MΩ at 500V dc
Dielectric strength	500V rms, 50Hz for 1 minute
Capacitance	<1pF between open contacts
Operating life	30,000 ops within rated load is typical
Operating temperature	-55°C to +100°C

(All ratings are at 20°C and 70% RH)

SW7

No. of Ways	Length	Mfrs. List No.	Order Code	Price Each			
				1+	10+	25+	50+
Single Throw Style							
2	5	SDS2014	.422-630				
4	10	SDS4014	.422-642				
6	15	SDS6014	.422-654				
8	20	SDS8014	.422-666				
10	25	SDS10014	.422-678				
Double Throw Style (PCB Linked)							
1	5	SDC1014	.422-680				
2	10	SDC2014	.422-691				
4	20	SDC4014	.422-708				

Recessed – 023 Series 1A @ 100V up to 10VA



H = 8.8 (above PCB), W = 10.5



Single throw



Double throw (PCB linked)



Double throw Triple-in-Line



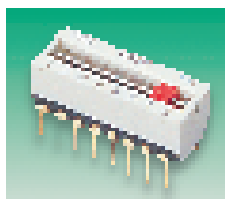
Ganged

- International coded actuators
- Tape sealed suitable for flow soldering and solvent cleaning
- Meets requirements of **BS9566 F0001** and **BTD8173** and exceeds requirements of **MIL-S-83504**
- Specification as End-Stackable 014 Series (see above)

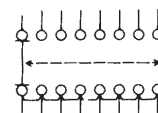
SW8

No. of Ways	Length	Mfrs. List No.	Order Code	Price Each			
				1+	25+	50+	100+
Single Throw Style							
2	7.0	SDS2 023	.422-710				
4	12.0	SDS4 023	.422-721				
6	17.0	SDS6 023	.422-733				
8	22.0	SDS8 023	.422-745				
10	27.0	SDS10 023	.422-757				
Double Throw Triple-in-Line							
2	7.0	SCS2 023	.422-769				
4	12.0	SCS4 023	.422-770				
6	17.0	SCS6 023	.422-782				
8	22.0	SCS8 023	.422-794				
Double Throw Style (PCB Linked)							
1	7.0	SDC1 023	.422-812				
2	12.0	SDC2 023	.422-824				
3	17.0	SDC3 023	.422-836				
4	22.0	SDC4 023	.422-848				
5	27.0	SDC5 023	.422-850				
Ganged Style							
1	7.0	SDD1 023	.422-861				
2	12.0	SDD2 023	.422-873				
3	17.0	SDD3 023	.422-885				

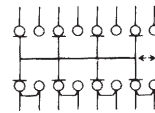
Slide – 16 Series 250mA @ 30V dc up to 7.5VA



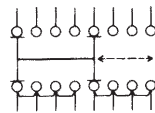
H = 9.3, W = 9.9, L = 22.7



DS16C18



DS16C42



DS16C24
Base views

- Slide action, break-before-make contacts
- Tape sealed suitable for flow soldering and solvent cleaning
- Fitted with transparent hinged dust cover

Initial contact resistance (10mV, 10mA max)	30mΩ max, 18mΩ typical
Body material	Glass filled polyamide
Insulation resistance	100,000MΩ @ 500V dc
Dielectric strength	500V rms, 50Hz for 1 minute
Operating life	20,000 ops
Operating temperature	-55°C to +100°C

(All ratings are at 20°C and 70% RH)

SW9

	Mfrs. List No.	Order Code	Price Each			
			1+	25+	100+	250+
1 pole, 8 way	DS16C18	.422-903				
2 pole, 4 way	DS16C24	.422-915				
4 pole, 2 way	DS16C42	.422-927				