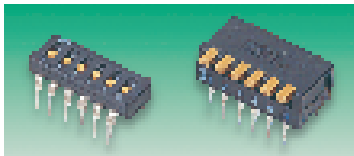


DIL Switches

Sealed Low Profile – A6D Series



Top actuated
H = 3.4, D = 6.6

Piano key actuator
H = 6.4, D = 8.9

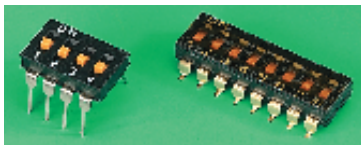
Pins = 7.62 2.54 spacing

- BT approved to **D8173** specification
 - Fully sealed construction, without tape seal
 - Choice of IC style top actuators or 'piano key' actuators
 - Moulded in polybutylene terephthalate
- | | | | |
|-----------------------|---|-----------------------|-------------------|
| Contacts | Beryllium copper
(Bifurcated, auto cleaning) | Dielectric strength | 500V dc for 2 min |
| Contact resistance | 100mΩ max | Operating temperature | -20°C to +70°C |
| Insulation resistance | 100MΩ @ 250V dc | Mechanical life | 5,000 ops min |

SW113

No. of Ways	Length	Mftrs. List No.	Order Code	Price Each			
				1+	50+	100+	500+
Top Actuated							
2 way	7.1	A6D2100	.176-404				
4 way	12.2	A6D4100	.176-405				
6 way	17.3	A6D6100	.176-406				
8 way	22.4	A6D8100	.176-407				
10 way	27.4	A6D0100	.176-408				
Piano Key Actuated							
4 way	12.2	A6DR4100	.176-409				
6 way	17.3	A6DR6100	.176-410				
8 way	22.4	A6DR8100	.176-411				
10 way	27.4	A6DR0100	.176-412				

Low Profile — A6T/A6S Series



A6T:H = 3.6, W = 6.2, Pins 7.62 2.54 spacing
A6S:H = 3, W = 6.2, Pins 7.62 2.54 spacing

- Bifurcated movable contacts offer superb reliability
- Smooth switching action
- Through hole version has raised actuators for easy operation
- Surface mount version is tape sealed and has recessed actuators
- Auto insertable



Contacts	Beryllium copper (Bifurcated self cleaning)	Operating temperature	-20°C to +70°C
Contact rating	25mA @ 24Vdc	Dielectric strength	500 Vac 1 min

SW375

No of Ways	Length	Mftrs. List No.	Order Code	Price Each		
				1+	50+	100+
Through Hole — A6T Series						
2	6.02	A6T2104	.328-1838			
4	11.10	A6T4104	.328-1840			
6	16.18	A6T6104	.328-1851			
8	21.26	A6T8104	.328-1863			
10	26.34	A6T0104	.328-1875			
Surface Mount — A6S Series						
2	6.02	A6S2102	.328-1887			
4	11.10	A6S4102	.328-1899			
6	16.18	A6S6102	.328-1905			
8	21.26	A6S8102	.328-1917			
10	26.34	A6S0102	.328-1929			

Low Profile 100mA@20 Vdc



- Low profile DIL switches, tape sealed to allow washing

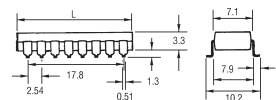
H = 3.3, W = 7.1, Pins = 7.62 x 2.54 spacing

Rating (non-switching)	100mA@50V dc	Dielectric strength	500V dc
Initial contact resistance	20mΩ	Mechanical life	2000 ops
Insulation resistance	1000MΩ @ 500V dc	Operating temperature	-40°C to +100°C
Flammability	UL94V-0		

SW183

No. of Ways	Length	Mftrs List No.	Order Code	Price Each			
				1+	25+	100+	250+
2	5.6	M402S	.152-262				
4	10.7	M404S	.152-263				
8	21.3	M408S	.152-264				

Low Profile



Surface mount version of M40S series DIL switch, tape sealed to allow washing

Rating	100mA @ 20V dc	Dielectric strength	500V dc
Rating (non-switching)	100mA @ 50V dc	Mechanical life	2000 operations
Initial contact resistance	20mΩ	Operating temperature	-40°C to +100°C
Insulation resistance	1000MΩ @ 500V dc	Flammability	UL94V-0

SW210

No. of Ways	Length	Mftrs. List No.	Order Code	Price Each			
				1+	25+	100+	250+
2	5.5	M402SMG	.273-405				
4	10.5	M404SMG	.273-417				
8	21.3	M408SMG	.152-265				

Low Profile Machine Insertable 100mA @ 50V dc



H = 3.4, W = 7.2
Pins = 7.62 2.54 spacing

- Auto-insertable switches, tape sealed to allow washing

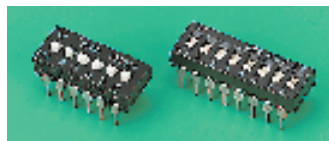
Contacts	Gold plated sliding auto cleaning	Dielectric strength	500V rms 50Hz
Contact rating	100mA @ 50V dc max	Capacitance	<5pF
Contact resistance	<50mΩ	Mechanical life	3000 ops
Insulation resistance	1000MΩ @ 500V dc	Operating temperature	-40°C to +85°C

SW86

No. of Ways	Length	Mftrs. List No.	Order Code	Price Each			
				1+	25+	100+	250+
2	6	DIR02ST	.925-925				
4	11.1	DIR04ST	.925-937				
6	16.1	DIR06ST	.925-949				
8	21.2	DIR08ST	.925-950				
10	26.3	DIR10ST	.925-962				

Extended and Flush Actuator

ALCOSWITCH/Thomas&Betts



H = 5.25, W = 7.50

- High pressure wiping contact allows aqueous or solvent cleaning without tape and seal
- Unique design can withstand vapour phase reflow or wave soldering conditions
- PCB mountable
- Extended actuator for easy movement

- Flush actuator types are machine insertable

Flammability Rating:	UL94 V-4	Insulation Resistance:	1000MΩ min @ 100VDC
Contacts:	Gold Flashed copper alloy	Dielectric Strength:	500VAC
Contact Rating:	0.4VA @ 20VDC max	Operating life:	1,000C
Contact Resistance:	50mΩ max	Operating temperature:	-45°C to +85°C

SW371

No of Ways	Length	Mftrs List No.	Order Code	Price Each			
				1+	25+	100+	250+
Extended Actuator							
2	7.06	ADE02	.311-467				
4	12.14	ADE04	.311-479				
5	14.68	ADE05	.311-480				
6	17.22	ADE06	.311-492				
7	19.76	ADE07	.311-509				
8	22.30	ADE08	.311-510				
9	24.84	ADE09	.311-522				
10	27.38	ADE10	.311-534				
12	29.92	ADE12	.311-546				
Flush Actuator							
2	7.06	ADF02	.311-613				
4	12.14	ADF04	.311-625				
6	17.22	ADF06	.311-637				
8	22.30	ADF08	.311-649				
10	27.38	ADF10	.311-650				