

Snap-In Subminiature Switches and Bezels

Panel Mounting

0.4VA @ 20V ac/dc (Push Button)

5A @ 28V dc or 115V ac, 2A @ 250V ac (Rocker and Lever)



Switch fitted with lever actuator and plain bezel Switch fitted with rocker actuator and plain bezel Switch fitted with button actuator and bezel with LED

Body dimensions
Single pole: H = 12.7, W = 6.86, D = 8.89
Double pole: H = 12.7, W = 11.43, D = 8.89

Bezel: without LED = 15.62 19.43 2.29
with LED = 15.62 27.94 2.29
Panel cut-out: 15.24 12.7
(LED hole 8.71 \varnothing , 13.21 centres)

- Switch bodies, bezels and actuators available separately to allow flexibility of design
- Switch body may be fitted with either rocker, lever or push button actuator
- Bezels and actuators available in range of 6 colours, with textured finish
- Bezels available either plain or to accept T1 $\frac{3}{4}$ /5mm LED (not supplied)
- Switch bodies for rocker and lever are epoxy sealed

Mechanical life 40,000 ops Operating temperature -20°C to +65°C
Contact resistance 10m Ω @ 4V dc

Switch Bodies for Rocker or Lever	Mftrs. List No.	Order Code
SPDT – on-on	7101JXXZQE	151-176
SPDT – on-off-on	7103JXXZQE	151-177
SPDT – mom-off-mom	7105JXXZQE	151-178
SPDT – on-off-mom	7107JXXZQE	151-179
SPDT – on-mom	7108JXXZQE	151-180
DPDT – on-on	7201JXXZQE	151-181
DPDT – on-off-on	7203JXXZQE	151-182
DPDT – mom-off-mom	7205JXXZQE	152-271
DPDT – on-off-mom	7207JXXZQE	152-272
DPDT – on-mom	7208JXXZQE	152-273

Switch Bodies for Push Button	Mftrs. List No.	Order Code
SPDT – momentary	8125J80	146-388
DPDT – momentary	8225J80	146-389

Actuators

Colour	Rocker		Lever		Push Button	
	Mftrs. List No.	Order Code	Mftrs. List No.	Order Code	Mftrs. List No.	Order Code
Black	J502	145-195	J602	145-201	79822	146-390
Red	J503	145-196	J603	145-202	79823	146-391
Orange	J504	145-197	J604	145-203	79824	146-392
Yellow	J505	145-198	J605	145-204	79825	146-393
Green	J506	145-199	J606	145-205	79826	146-394
Blue	J507	145-200	J607	145-206	79827	146-395

Bezels

Colour	Plain		With LED Position (T1 $\frac{3}{4}$)	
	Mftrs. List No.	Order Code	Mftrs. List No.	Order Code
Black	615602	145-207	613302	146-396
Red	615603	145-208		
Orange	615604	145-209		
Yellow	615605	145-210		
Green	615606	145-211		
Blue	615607	145-212		

SW10

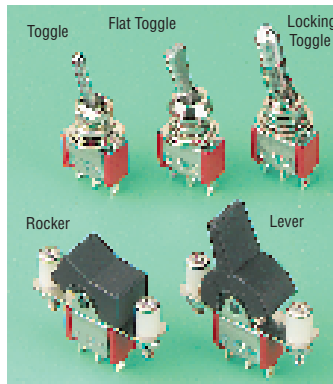
	Order Code	Price Each				
		1+	50+	100+	250+	1000+
Switch Bodies for Rocker or Lever						
SPDT – on-on	151-176					
SPDT – on-off-on	151-177					
SPDT – mom-off-mom	151-178					
SPDT – on-off-mom	151-179					
SPDT – on-mom	151-180					
DPDT – on-on	151-181					
DPDT – on-off-on	151-182					
DPDT – mom-off-mom	152-271					
DPDT – on-off-mom	152-272					
DPDT – on-mom	152-273					
Switch Bodies for Push Button						
SPDT – momentary	146-388					
DPDT – momentary	146-389					
Order Multiple=5						
Actuators						
Rocker	All Colours	5+	50+	100+	250+	
Lever	All Colours					
Push button	All Colours					
Bezels						
Plain	All Colours					
With LED position	All Colours					

Miniature Toggle and Rocker Switches

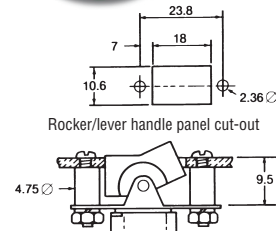
Panel Mounting

5A @ 28V dc or 115V dc, 2A @ 250Vac (Silver)
0.4VA @ 20V ac/dc (Gold)

Best Value



Toggle panel cut-out = 6.35 dia



		Body Dimensions		
		H	W	D
Toggles	SPDT	12.7	6.86	10.54
	DPDT	12.7	11.43	10.54
Rocker/ Lever handle	SPDT	12.7	16.51	10.54
	DPDT	12.7	21.59	10.54
	SPDT	12.7	6.86	8.89
	DPDT	12.7	11.43	8.89

- Half-hard brass contacts available with either gold-on-nickel or coin silver plating
- Epoxy sealed terminations

Coin silver contacts 5A @ 28V dc or 115V ac resistive load, 2A @ 250V ac
Brass contacts: gold on silver 0.4VA max @ 20V max ac/dc
Mechanical life 40,000 operations
Contact resistance <10m Ω @ 4V dc 1A
Bush thread 5 40 NS
Lever length 11.0
Operating temperature -55°C to +85°C

Mftrs. List No's.	Order Code	Order Code
7201J1ZQE2 = 151-175	7103P3YZQE = 180-610	7103P3YZQE = 180-610
7101J1ZQE2 = 151-174	7105P3YZQE = 180-622	7105P3YZQE = 180-622
7201J2ZQE2 = 918-003	7107P3YZQE = 180-634	7107P3YZQE = 180-634
7101SYZBE = 151-165	7108P3YZQE = 180-646	7108P3YZQE = 180-646
7101SYZQE = 151-164	7201P3YZQE = 180-658	7201P3YZQE = 180-658
7103SYZBE = 151-167	7203P3YZQE = 180-660	7203P3YZQE = 180-660
7103SYZQE = 151-166	7301P3YZQE = 180-683	7301P3YZQE = 180-683
7105SYZBE = 917-898	7401P3YZQE = 180-695	7401P3YZQE = 180-695
7105SYZQE = 917-886	7101K2ZQE = 180-701	7101K2ZQE = 180-701
7107SYZBE = 917-916	7103K2ZQE = 180-713	7103K2ZQE = 180-713
7107SYZQE = 917-904	7201K2ZQE = 180-725	7201K2ZQE = 180-725
7108SYZQE = 917-928	7401SYZQE = 151-173	7203K2ZQE = 180-737
7108SYZBE = 917-930	7101P3YZQE = 180-609	

SW17
SW17A

Toggle	Switch Contacts	Order Code	Price Each			
			1+	25+	100+	250+
SPDT – on-on	Silver	151-164				
SPDT – on-on	Gold	151-165				
SPDT – on-off-on	Silver	151-166				
SPDT – on-off-on	Gold	151-167				
SPDT – mom-off-mom	Silver	917-886				
SPDT – mom-off-mom	Gold	917-898				
SPDT – on-off-mom	Silver	917-904				
SPDT – on-off-mom	Gold	917-916				
SPDT – on-mom	Silver	917-928				
SPDT – on-mom	Gold	917-930				
DPDT – on-on	Silver	151-168				
DPDT – on-on	Gold	151-169				
DPDT – on-off-on	Silver	151-170				
DPDT – on-off-on	Gold	151-171				
DPDT – mom-off-mom	Silver	917-941				
DPDT – mom-off-mom	Gold	917-953				
DPDT – on-off-mom	Silver	917-965				
DPDT – on-off-mom	Gold	917-977				
3PDT – on-on	Silver	151-172				
4PDT – on-on	Silver	151-173				
Flat Toggle						
SPDT – on-on	Silver	180-609				
SPDT – on-off-on	Silver	180-610				
SPDT – mom-off-mom	Silver	180-622				
SPDT – on-off-mom	Silver	180-634				
SPDT – on-mom	Silver	180-646				
DPDT – on-on	Silver	180-658				
DPDT – on-off-on	Silver	180-660				
3PDT – on-on	Silver	180-683				
4PDT – on-on	Silver	180-695				
Locking Toggle						
SPDT – on-on	Silver	180-701				
SPDT on-off-on	Silver	180-713				
DPDT – on-on	Silver	180-725				
DPDT – on-off-on	Silver	180-737				
Rocker (Black rocker)						
SPDT – on-on	Silver	151-174				
DPDT – on-on	Silver	151-175				
Lever Handle						
SPDT – on-on	Silver	918-003				
DPDT – on-on	Silver	918-015				