

Miniature, Microswitch Action
SPDT and DPDT - Momentary - 100mA @ 30V dc



108-2278 H=13.2, W=7.0, D=29.5
 108-2281 H=13.2, W=12.0, D=29.5
 108-2277 H=12.0, W=13.2, D=26.8

- Momentary snap-action for high precision and reliability
- Gold plated copper contacts for low level switching
- Panel mounting switches with solder lug terminals
- PCB mounting switch with right-angled terminals

Initial Contact Resistance 50mR max
 Insulation Resistance 1000MR min
 Dielectric Strength 1000V rms @ 50Hz

Electrical Life 60000 ops
 Operating Temperature -30°C to +65°C

SW226/213192

Switches	Mfrs. List No.	Order Code	Price Each			
			1+	25+	100+	250+
SPDT, Solder lug	18535CD	108-2278	263.00	240.00	222.00	199.00
DPDT, Solder lug	18545CD	108-2281	414.00	377.00	347.00	314.00
SPDT, PCB	18235WCD3	108-2277	416.00	337.00	293.00	249.00

Caps	Mfrs. List No.	Order Code	Price Each			
			10+	50+	100+	500+
Black	U482	108-2522	12.00	10.00	10.00	10.00
Green	U483	108-2523	12.00	10.00	10.00	9.00
Red	U486	108-2524	12.00	10.00	10.00	9.00

Caps	Order Code	Price Each			
		10+	20+	50+	100+
Black	108-2525	14.00	13.00	12.00	10.00
Green	108-2526	14.00	13.00	12.00	10.00
Red	108-2527	14.00	13.00	12.00	10.00

SPNO and SPNO/SPNC Momentary

300mA @ 250V ac, 1A @ 30V dc (silver), 100mA @ 30V dc (gold)



L=26.5, Dia=10, Bush thread= 1/4 x 40 NS, Button dia=4, Panel cut-out=6.35

- SPNO and SPNO/SPNC (changeover) contacts
- Contacts either silver or gold plated
- Gold plated contacts allow low current switching
- Caps in 3 colours, 10mm dia.
- Switch may be used without cap being fitted

Insulation Resistance 1000MR @ 500V dc
 Electrical Life 250000 ops
 Initial Contact Resistance <50mR

Mfrs. List No. 9633NA=108-2344 9635CD=108-2347 U483=108-2523
 9633NCD=108-2345 U482=108-2522 U486=108-2524

SW40/213333

Switches	Order Code	Price Each				
		1+	25+	50+	100+	+
SPNO, Silver	108-2344	227.00	204.00	169.00	124.00	--
SPNO, Gold	108-2345	167.00	151.00	131.00	123.00	--
SPNO/SPNC, Gold	108-2347	257.00	229.00	216.00	190.00	--

Caps	Order Code	Price Each			
		10+	50+	100+	500+
Black	108-2522	12.00	10.00	10.00	10.00
Green	108-2523	12.00	10.00	10.00	9.00
Red	108-2524	12.00	10.00	10.00	9.00

SPDT Momentary - Sealed
1A @ 120V ac/28V dc



- Gold plated contacts for low level switching
- Mounting bracket solders directly to PCB
- Process sealed to withstand machine soldering and pressure wash cleaning
- Snap-acting

H=20.4 (excl. pins) H=6.6 (excl. pins)
 W=8.13 W=12.7
 D=15.75 D=26.6 (overall)
 Plunger L=7.16, Dia.=1.1
 Pin dia.=1.85

Contact Resistance (initial) <50mR> typ
 Insulation Resistance >1000MR

Operating Temperature -30°C to +75°C
 Electrical Life 60000 ops, full load

SW227/213193

Mounting	Order Code	Price Each			
		1+	50+	100+	500+
Vertical	957-5430	223.00	169.00	148.00	114.00
Horizontal	957-5448	260.00	199.00	173.00	132.00

SPNO and SPNC Momentary
100mA @ 30V dc



L=19.3, Dia=6.5
 Bush thread=M4, Button dia=2.5, Panel cut-out=4.2

- SPNO and SPNC switches with either solder lug or PCB terminations
- Gold plated contacts allow low current switching
- Caps in 3 colours, 6.5mm dia., 4mm high
- Switch may be used without cap being fitted
- M4 sealing hood protects against moisture and dust ingress

Initial Contact Resistance <30mR

Mfrs. List No. 9533CD=108-2343 9233CD=108-2341 U572=108-2525 U576=108-2527
 9532CD=108-2342 U1829=108-2521 U573=108-2526

SW39/213331

Switches	Order Code	Price Each			
		1+	25+	50+	100+
SPNO, Solder Lug	108-2343	200.00	178.00	170.00	154.00
SPNC, Solder Lug	108-2342	204.00	183.00	175.00	144.00
SPNO, PCB	108-2341	246.00	211.00	175.00	137.00
Sealing Hood	108-2521	241.00	216.00	194.00	152.00

SPDT Momentary

2(1)A @ 250V ac, 4A 125V ac



- Snap-in panel mounting
- Low cost
- Solder lug connections

Insulation Resistance 1000MR @ 500V dc
 Operating Cycles 10000 Cycles
 Initial Contact Resistance 10mR @ 1A 2V dc
 Operating Temperature -20°C to +55°C

Mfrs. List No. 1415NC+Colour

H=18, W=18, L=24.0 (19 behind panel),
 Panel cut-out=16.5 x 14.3 Max. panel thickness=2

SW141/213104

Button	Order Code	Price Each			
		1+	50+	100+	250+
Black	108-2275	148.00	125.00	105.00	80.00
Red	108-2276	149.00	126.00	106.00	80.00

SPNO Momentary

200mA @ 48V dc 'Vandal Resistant', Screw Terminals



- Three options available, curved actuator, flat actuator, curved actuator with chamfer
- Robust stainless steel construction
- Screw terminal connections
- Sealed to IP54

Insulation Resistance 1000MR min./500V dc
 Contact Resistance 50mR max.
 Operating Temperature -20°C to +55°C
 Mechanical Life 1000000 ops

Mfrs. List No. AV1630C940=108-2435 AV0630C940=108-2430 AV0830C940=108-2431

L=23.8, Dia=18.0,
 Depth behind panel=20.7
 Max panel thickness=6.0,
 Panel cut-out=16.2

SW269/213231

	Order Code	Price Each			
		1+	25+	50+	100+
Curved Actuator	108-2435	491.00	457.00	423.00	407.00
Flat Actuator	108-2430	454.00	423.00	391.00	376.00
Curved Actuator with Chamfer	108-2431	522.00	486.00	449.00	433.00

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Switches

Compliant Non-compliant
 RoHS Limited stock - RoHS replacement available