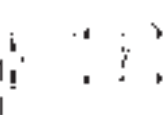
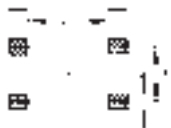
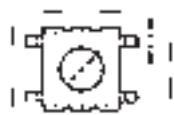


**SPNO B3S Series - Sealed**



Flat plunger H (max)=4.3      Dimensions      PCB footprint      Terminal arrangement top view

- Surface mount version of Omron B3W keyswitch
- Sealed construction, suitable for PCB immersion cleaning
- General purpose and high force actuation versions available



Min. permissible load	1mA @ 5V dc (resistive)	Mech. + elec. life	500000 ops min
Contact resistance	100mR max	Operating force	160g (230g high force)
Insulation resistance	100MR max	Pre-travel	0.25 ±0.2 - 0.1mm
Dielectric strength	500V ac/dc for 1 min	Operating temperature	-20°C to +70°C

Mfrs. List No. B3S1000=177-807, BS31002=959-728

213174

Actuation force	Order Code	Price Each				
		1+	25+	50+	100+	+
General purpose	<b>SMD 177-807</b>	37.00	33.00	30.00	29.00	--
High-Force	<b>SMD 959-728</b>	37.00	33.00	30.00	27.00	--

**PCB Mount SPNO, Momentary D6 Series, 100mA @ 100V ac**



D6 square 151-137 to 151-144      D6 round 151-145 to 151-152  
 H above PCB=11.5, Max. dia.=12      H above PCB=14.5, Max. dia.=12  
 Button size= 7.7 x 7.7 square, Lead pitch=5 x 5      Button size=9.0 dia round, Lead pitch=5 x 5

- Tactile feedback contact operation
- Minimum centre spacing of 12.7mm
- Specially designed for digital electronic controls
- Strapped terminals permit X, Y coding
- Round or square styles in a choice of 8 colours

Max. breaking power	6VA	Operating force	1.3N ±30%
Contact resistance	<100mR	Travel	0.8mm ±0.2mm
Insulation resistance	100000MR	Contact bounce	<3ms
Operating life	250000 ops	Operating temperature	-20°C to +85°C

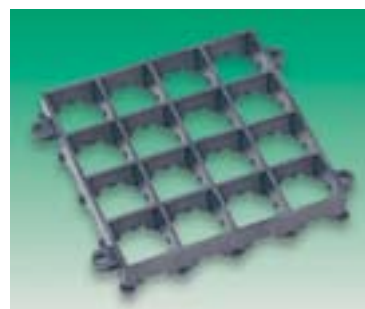
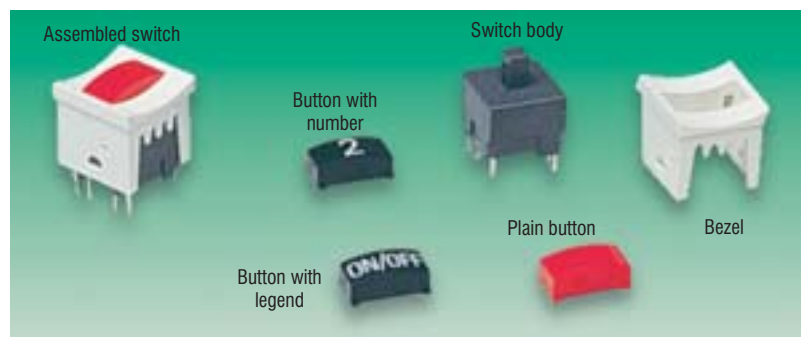
	D6 with Square Button		D6 with Round Button	
	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
Black	D6C90LFS	<b>120-1367</b>	D6R90LFS	<b>120-1375</b>
Yellow	D6C30LFS	<b>120-1368</b>	D6R30LFS	<b>120-1376</b>
White	D6C00LFS	<b>120-1369</b>	D6R00LFS	<b>120-1377</b>
Green	D6C50LFS	<b>120-1370</b>	D6R50LFS	<b>120-1378</b>
Red	D6C40LFS	<b>120-1371</b>	D6R40LFS	<b>120-1379</b>
Blue	D6C60LFS	<b>120-1373</b>	D6R60LFS	<b>120-1380</b>
Grey	D6C10LFS	<b>120-1374</b>	D6R10LFS	<b>120-1381</b>

213120

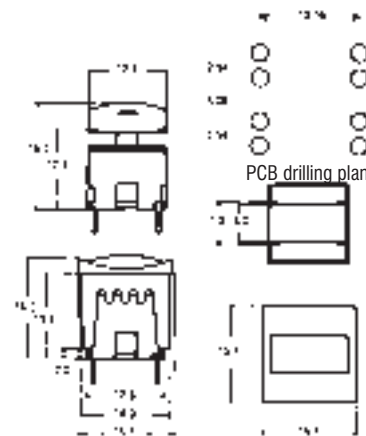
Order Code	Price Each				
	1+	25+	100+	250+	+
All Order Codes	67.00	57.00	49.00	32.00	--

**Unimec - DPNO+DPNC Momentary and Latching**

250mA @ 120V, 9W ac/6W dc



Support bracket  
 L=62.5, W=62.5, D=10.5  
 Fixing centres=45.72 x 68.0



Panel cut-out=14 x 14

- PCB/Panel mount switch bodies with 2NO and 2NC contacts,
- Choice of momentary or latching action, and silver or gold contacts
- Range of plain coloured and legend buttons (white on black) to fit switch bodies
- Range of coloured bezels to fit switch bodies
- 4 x 4 support bracket for up to 16 switches is available, also blanking cap to fit unused switch holes

Bezels: Black = 113-2867 White = 113-2868 Grey = 113-2869 Red = 113-2870  
 Plain Buttons: Black = 113-2861 Grey = 113-2863 Grey = 113-2863 Red = 113-2864  
 Blue = 113-2865

Legend Buttons: On/Off=	113-2871	Reset =	113-2872
Contact finish	Silver over nickel	Operating force	Momentary 1500000 ops
Dielectric strength	1000V for 2 minutes		Latching 500000 ops
Insulation resistance	5000000MR	Operating temperature	-25°C to +75°C
Capacitance	<0.5pF		

213381

Switch Bodies	Order Code	Price Each				
		1+	50+	100+	250+	+
Momentary/silver	<b>113-2859</b>	216.00	185.00	150.00	113.00	--
Latching/silver	<b>113-2860</b>	231.00	196.00	162.00	127.00	--
Momentary/gold	<b>113-2876</b>	289.00	254.00	231.00	220.00	--
Latching/gold	<b>113-2877</b>	316.00	278.00	253.00	240.00	--
Legend Buttons	All O/Codes	75.00	64.00	54.00	53.00	--
Support Bracket	<b>113-2873</b>	276.00	243.00	220.00	209.00	--

Bezels	All O/Codes	Price Each				
		10+	50+	100+	250+	+
Plain buttons	All O/Codes	25.00	22.00	17.00	14.00	--
	All O/Codes	24.00	21.00	17.00	14.00	--

**Stand Alone Switches**



- Stand-alone SPNO switches for use in through panel applications or under a membrane overlay to produce a high tactility keyboard
- Choice of button colour and button height
- Surface mount and right angled versions available

213222

Mfrs. List No.	Order Code	1+	50+	100+	500+
<b>Standard Height, 6.4mm Button</b>					
White	RA3CTL6	<b>113-2874</b>	96.00	84.00	72.00
Black	RA3CTL9	<b>113-2875</b>	96.00	84.00	79.00
<b>Extended Height, Black Button</b>					
8mm	RA3ETL98	<b>113-2879</b>	97.00	87.00	75.00
9.5mm	RA3ETL995	<b>113-2881</b>	97.00	87.00	75.00
10.4mm	RA3ETL9104	<b>113-2883</b>	97.00	87.00	75.00
12mm	RA3ETL912	<b>113-2884</b>	97.00	87.00	75.00
15mm	RA3ETL9-15	<b>113-2953</b>	97.00	87.00	75.00
<b>Surface Mount Switch</b>					
Black 6.4mm	RA3CSH9	<b>113-2899</b>	104.00	92.00	79.00

**With Caps and Bezels**



1132885, 1132885, 113-2892, 1132900, 1132916, 1132896, 1132915, 113-2915

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Switches

Compliant  
 Non-compliant  
 + Limited stock - RoHS replacement available  
**RoHS**