

Push Button Switches - continued

SPNO Momentary

1A @ 50V dc 'Vandal Resistant', Screw Terminals



Sealed L=28.4, Dia=21.5, Depth behind panel=25.3 Max panel thickness=4.0, Panel cut-out=19.2
 Standard L=36.0, Dia=22.1, Depth behind panel=33.0 Max panel thickness=15.0, Panel cut-out=19.2

- Stainless steel button, chromium plated brass body
- Available with flush or raised actuators
- Screw terminal connections for ease of wiring, particularly servicing
- Sealed low profile versions are both panel and barrier sealed to IP66

Insulation Resistance 10000MR Dielectric Strength 2.5kV ac
 Contacts Operating Temperature Silver -20°C to +85°C (150-379) -20°C to +70°C (560-431)

Mfrs. List No. MP0013=150-379 MP0037=560-431
 MP0013/2=311-4594 MP0037/2=311-4648
 MP0037/3=324-8835

SW145/213108

Flush Actuator	Order Code	Price Each			
		1+	25+	100+	250+
Standard	150-379	444.00	391.00	358.00	301.00
Sealed, low profile	560-431	675.00	602.00	536.00	448.00
Raised Actuator					
Standard	311-4594	444.00	391.00	358.00	301.00
Sealed, low profile	311-4648	675.00	602.00	536.00	448.00
Domed Actuator					
Sealed, low profile	324-8835	545.00	498.00	466.00	423.00

Vandal Resistant - IP66

50mA @ 24V dc



L = 31.0mm, Bezel = 22mm dia., Panel cut-out - 19.2mm



L = 32.7mm, Bezel = 22mm dia., Panel cut-out - 19.2mm

- Stainless steel body
- Front panel sealed to IP66
- Dot and ring illumination styles, choice of illumination colours.
- Bright daylight LED's
- Momentary action, tactile feel
- Choice of screw or 2.8mm tab termination

Contacts SPNO LED intensity Blue 1500mcd
 Switch rating 50mA @ 24V dc LED intensity Amber 220 mcd
 LED Rating 1.85V dc, 20mA Contact resistance 100mR
 LED intensity Red 900mcd Insulation resistance 1000MR
 LED intensity Green 1500mcd Temperature range -30°C to 70°C

241611

Colour Illumination	Mfrs. List No.	Order Code	Price Each			
			1+	25+	50+	100+
Dot Illumination						
Red 2.8mm tab	MPI001/28/RD	324-8859	1,094.00	1,017.00	935.00	853.00
Amber 2.8mm tab	MPI001/28/AM	NEW 765-9008	1,094.00	1,017.00	935.00	853.00
Green 2.8mm tab	MPI001/28/GN	324-8860	1,094.00	1,017.00	935.00	853.00
Blue 2.8mm tab	MPI001/28/BL	430-3052	1,137.00	1,058.00	972.00	887.00
Red Screw	MPI001/TERM/RD	324-8872	1,094.00	1,017.00	935.00	853.00
Amber Screw	MPI001/TERM/AM	NEW 765-9016	1,094.00	1,017.00	935.00	853.00
Green Screw	MPI001/TERM/GN	324-8884	1,094.00	1,017.00	935.00	853.00
Blue Screw	MPI001/TERM/BL	430-3064	1,137.00	1,058.00	972.00	887.00

Colour Illumination	Mfrs. List No.	Order Code	Price Each			
			1+	25+	50+	100+
Ring Illumination						
Red 2.8mm tab	MPI002/28/RD	324-8896	1,094.00	1,017.00	935.00	853.00
Amber 2.8mm tab	MPI002/28/AM	NEW 765-9024	1,094.00	1,017.00	935.00	853.00
Green 2.8mm tab	MPI002/28/GN	324-8902	1,094.00	1,017.00	935.00	853.00
Blue 2.8mm tab	MPI002/28/BL	430-3076	1,137.00	1,058.00	972.00	887.00
Red Screw	MPI002/TERM/RD	324-8914	1,094.00	1,017.00	935.00	853.00
Amber Screw	MPI002/TERM/AM	NEW 733-7024	1,094.00	1,017.00	935.00	853.00
Green Screw	MPI002/TERM/GN	324-8926	1,094.00	1,017.00	935.00	853.00
Blue Screw	MPI002/TERM/BL	430-3088	1,137.00	1,058.00	972.00	887.00

'Miniature Vandal Resistant' - IP67

Illuminated and Non-Illuminated - 400mA @ 32V ac



Non-Illuminated: L = 20.45, Dia. = 18.5, Depth behind panel = 18.0
 Illuminated: L = 30.45, Dia. = 18.5, Depth behind panel = 28.0
 Max. panel thickness = 3.0, Panel cut-out = 16.1 x 14.75

- Logic-level switching
- Panel sealed to IP67
- Status illumination option
- Wide temperature range (up to 125°C)
- Solder terminals
- Gold contacts
- Momentary action

Switch rating 100mA max. (resistive), 24V dc
 LED (illuminated types) 2.1V @ 10mA, red or green
 Contact resistance 50mΩ initial
 Insulation resistance 1000MΩ min
 Temperature range -40°C to +85°C

Mfrs. List No. 57-111 = 438-9396 57-112G = 438-9402 57-112R = 438-9414

273212

	Order Code	Price Each			
		1+	25+	50+	100+
Non-Illuminated	438-9396	448.00	417.00	381.00	345.00
Illuminated					
Green	438-9402	600.00	558.00	510.00	462.00
Red	438-9414	600.00	558.00	510.00	462.00

SPNO/SPNC Momentary - Low Profile

5A @ 250V ac, 'Vandal Resistant', Solder Tags



21.5mm L=33.2, Dia=21.5, Depth behind panel=31.6 Max. panel thickness=7.1, Panel cut-out=19.2

27.8mm L=27.6, Dia=27.8, Depth behind panel=26.0 Max. panel thickness=4.0, Panel cut-out=25.8

- Low profile
- Solder tag terminations
- Robust stainless steel construction
- Available with flush and raised actuator options
- Sealed versions are both panel and barrier sealed to IP66

Insulation Resistance 1000MR Dielectric Strength 2kV ac
 Contacts Operating Temperature Silver -20°C to +70°C

Mfrs. List No. MP0031=152-253 MP0027=519-297 MP0038/2=311-4650
 MP0031/2=311-4624 MP0038=733-799 MP0027/3=324-8823
 MP0031/3=324-8811 MP0027/2=311-4612 MP0038/3=324-8847

SW180/213143

	Order Code	Price Each			
		1+	25+	100+	250+
Dia. 21.5mm - Flush Actuator					
Sealed	152-253	711.00	675.00	634.00	620.00
Dia. 21.5mm - Raised Actuator					
Sealed	311-4624	856.00	782.00	726.00	698.00
Dia. 21.5mm - Domed Actuator					
Sealed	324-8811	812.00	750.00	694.00	630.00
Dia 27.8mm - Flush Actuator					
Non-Sealed	519-297	985.00	901.00	820.00	701.00
Sealed	733-799	988.00	881.00	828.00	704.00
Dia 27.8mm - Raised Actuator					
Non-Sealed	311-4612	985.00	901.00	820.00	701.00
Sealed	311-4650	988.00	881.00	828.00	704.00
Dia. 27.8mm - Domed Actuator					
Non-Sealed	324-8823	902.00	821.00	770.00	700.00
Sealed	324-8847	906.00	829.00	774.00	704.00

Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.