

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

Insulation resistance 1000MΩ  
Dielectric strength 2kV ac

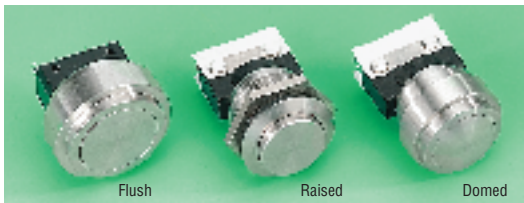
Contacts Silver  
Operating temperature -20°C to +70°C

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

SW180

Order Code	Price Each			
	1+	25+	100+	250+
<b>Dia. 21.5mm - Flush Actuator</b>				
Sealed	.152-253			
<b>Dia. 21.5mm - Raised Actuator</b>				
Sealed	311-4624			
<b>Dia. 27.8mm - Domed Actuator</b>				
Sealed	324-8811			
<b>Dia. 27.8mm - Flush Actuator</b>				
Non-Sealed	519-297			
Sealed	733-799			
<b>Dia. 27.8mm - Raised Actuator</b>				
Non-Sealed	311-4612			
Sealed	311-4650			
<b>Dia. 27.8mm - Domed Actuator</b>				
Non-Sealed	324-8823			
Sealed	324-8847			

## SPNO and SPNC Momentary – Flush Mounting 5A @ 250V ac, Vandal Resistant



27mm L = 27.64, Dia = 27.0, Depth behind panel = 31.6  
Max. panel thickness = 2.64, Panel cut-out = 22.6  
Mounting bracket centres = 33.3 for 2 2BA studs

20mm L = 28.3, Dia = 20.0, Depth behind panel = 28.3  
Max. panel thickness = 2.64, Panel cut-out = 18.9  
Mounting bracket centres = 27.6 for 2 2BA studs

- Flush mounting
- Solder tag terminations
- Robust stainless steel construction
- Available with flush, raised and domed actuator options
- Supplied with rear panel mounting bracket

Insulation resistance 1000MΩ  
Dielectric strength 2kV ac

Contacts Silver  
Operating temperature -20°C to +70°C

Mfrs. List No. MP0025 = 238-193, MP0034 = 519-303, MP0025/2 = 311-4600, MP0034/2 = 311-4636, MP0025/3 = 324-8793, MP0034/3 = 324-8800

SW197

Dia.	Order Code	Price Each			
		1+	25+	100+	250+
<b>Flush Actuator</b>					
27mm	.238-193				
20mm	519-303				
<b>Raised Actuator</b>					
27mm	311-4600				
20mm	311-4636				
<b>Domed Actuator</b>					
27mm	324-8793				
20mm	324-8800				

## SPDT Momentary 2A @ 250V ac, 5A @ 12V dc



Phenolic moulding with solder tag connection.

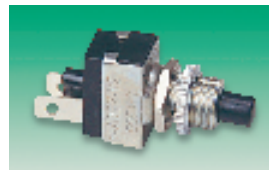
Mfrs. List No. SM357

H = 24, W = 13, D = 23, Bush thread = 1/2 32 NS,  
Panel cut-out = 12.7 dia

SW107

Order Code	Price Each				
	1+	25+	50+	100+	250+
422-241					

## SPNO Momentary 3A @ 250V ac, 6A @ 12V dc



- Phenolic moulding
- Fitted with 6.35mm tab terminals

Mfrs. List No. SM365POT

H = 24, W = 13, D = 28, Bush thread = 1/2 32 NS,  
Panel cut-out = 12.7 dia

SW106

Order Code	Price Each				
	1+	50+	100+	250+	500+
422-253					

## SPDT and DPDT, Momentary and Latching 3A @ 250V ac, 4A @ 30V dc



Body size = 10 13.2 (SPDT), 12 13.2 (DPDT) Bush thread 1/4 40 NS, Button dia = 4

- Caps in 3 colours, 10mm dia
- Solder terminals
- Momentary and latching types, single and double pole

Initial contact resistance <10mΩ

Mfrs. List No. 8632A = 146-248, 8636A = 146-249, 8642A = 146-250, 8646A = 146-251, U482 = 146-245, U483 = 146-246, U484 = 146-247

SW41

Switches	Order Code	Price Each				
		1+	25+	50+	100+	500+
SPDT, momentary	146-248					
SPDT, latching	146-249					
DPDT, momentary	146-250					
DPDT, latching	146-251					
<b>Order Multiple= 10 Caps</b>		<b>10+</b>	<b>50+</b>	<b>100+</b>	<b>500+</b>	
Black	146-245.					
Green	146-246.					
Red	146-247.					

## SPDT Momentary – VAQ Series 15A @ 110V ac, 10A @ 230V ac



- Pure silver contacts
- Choice of coloured buttons

Buttons:  
Black = 103-001, Red = 103-002,  
Green = 103-003, Yellow = 103-005

Body: H = 21.9, W = 18, L = 28,  
Bush thread = M10, Button diameter = 13,  
Panel cut-out = 10.2 dia

Mfrs. List No. VAQ-OV-15-1C5 = 103-464, VAQ-BB = 103-001,  
VAQ-BR = 103-002, VAQ-BG = 103-003, VAQ-BY = 103-005

SW37

SPDT Switch	Order Code	Price Each		
		1+	50+	100+
	103-464			
	All Buttons			

continued