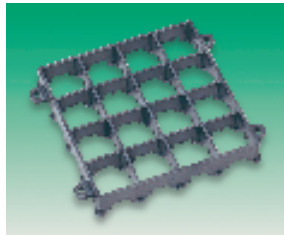
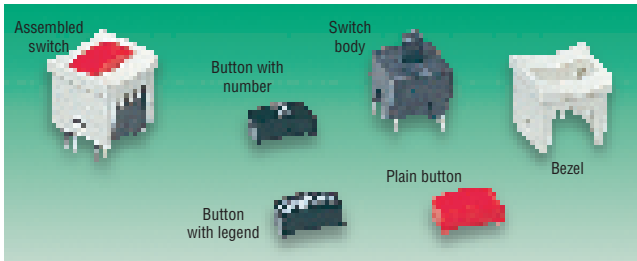
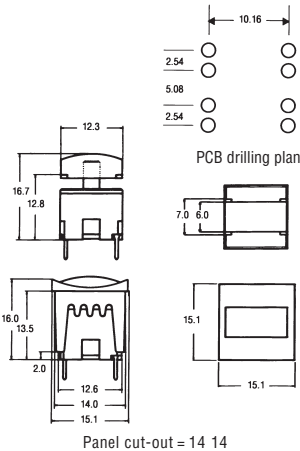


## Unimec – DPNO+DPNC Momentary and Latching 250mA @ 120V, 9W ac/6W dc

**Unimec®**



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



- 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 4 support bracket for up to 16 switches is available, also blanking cap to fit unused switch holes
- Ready-assembled switches also available in kits of 10
- Cap convertor allows non-illuminated "Multimec" caps to be fitted to the "Unimec" switches

Bezels : Black = **148-471**, White = **148-472**, Grey = **148-473**, Red = **148-474**,  
Plain Buttons : Black = **148-466**, White = **148-467**, Grey = **148-468**, Red = **148-469**,  
Blue = **148-470**, Green = **674-746**.

Legend Buttons : ON/OFF = **149-238**, START = **149-239**, RESET = **149-241**  
Assemblies : Kits of 10 momentary-action switch bodies with assembled black bezel and choice of button :  
Blue = **247-613**, Grey = **247-625**, Yellow = **247-637**, Red = **247-649**,  
Legends (0-9) = **247-650**

Contact finish Silver over nickel      Operating life Momentary 1,500,000 ops  
Dielectric strength 1000V for 2 minutes      Latching 500,000 ops  
Insulation resistance 50,000,000Ω      Operating temperature -25°C to +75°C  
Capacitance <0.5pF

SW85

Order Multiple=1		Price Each				
Switch Bodies	Order Code	1+	50+	100+	250+	1000+
Momentary/silver	<b>148-464</b>					
Latching/silver	<b>148-465</b>					
Momentary/gold	<b>674-722</b>					
Latching/gold	<b>674-734</b>					
Legend Buttons	<b>All Order Codes</b>					
Support Bracket	<b>149-255</b>					
Cap convertor	<b>674-758</b>					
Order Multiple=10		Price Each				
Bezels	<b>All Order Codes</b>	10+	50+	100+	250+	1000+
Plain buttons	<b>All Order Codes</b>					
Blanking cap	<b>149-254</b>					
10 Per Pack		Price Per Pack				
Assembly kit with plain button	<b>All Order Codes</b>	1+	5+	10+	25+	100+
Assembly kit with legend button	<b>247-650</b>					

## New Products

For more information on new products check out the New Product Guide.

## Multimec® IP67 – SPNO Momentary

**Multimec®**

PCB and surface mounting SPNO momentary action switches with a very positive tactile feel. The switches employ high temperature plastics, silicone seals, ultrasonic welding and insert moulded terminals, sealed to **IP67**.

The switches are available as either

- Stand-alone
- Basic switches plus caps and bezels
- Illuminated switches plus caps and bezels
- Rocker Style Pushbuttons

The caps and bezels are available in various shapes and colours, suitable for both through hole and surface mount switches.

Contact resistance	<30mΩ	Contact material	Silver
Insulation resistance	>10mΩ	Travel	1mm
Mechanical life	10,000,000 operations		
Operating temperature	-40°C to +65°C (through hole)		
	-40°C to +160° (surface mount)		

SW260

## Stand Alone Switches

**Multimec®**



674-760 917-382 674-801 674-953  
Body W = 10.1, D = 10.1, H (standard type) = 6.4, Button dia. = 6.5  
PCB layout = 4 0.9∅ holes, rectangular formation, centres 10.16 7.62

- 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

SW261

Mfrs. List No.	Order Code	1+	50+	100+	500+
<b>Standard Height, 6.4mm Button</b>					
White	3CTL6	<b>285-821</b>			
Black	3CTL9	<b>285-833</b>			
Red	3CTL8	<b>674-760</b>			
Green	3CTL2	<b>674-771</b>			
<b>Right Angle</b>					
White	3CTL6RAS	<b>917-382</b>			
<b>Extended Height, Black Button</b>					
8mm	3ETL98	<b>674-783</b>			
9.5mm	3ETL995	<b>674-795</b>			
10.4mm	3ETL9104	<b>674-801</b>			
12mm	3ETL912	<b>674-813</b>			
15mm	3ETL9-15	<b>311-2482</b>			
<b>Surface Mount Switch</b>					
Black 6.4mm	3CSH9	<b>674-953</b>			

## With Caps and Bezels

**Multimec®**



674-825, 674-825, 674-886, 674-965, 917-394, 678-399, 674-928, 678-466, 678-466

Switch base W = 10.1, D = 10.1, Overall H : Round = 14.9, Square = 19.1, Rectangular = 14.4  
Caps : Round = 11 dia., Square = 14.3 14.3, Rectangular = 12.5 6.5, Bezel = 17.75 17.75

- These switches and caps should be ordered separately
- Switch available as through-hole or surface mount
- Caps available in 3 shapes and wide colour selection
- Bezels are available and recommended for use with square caps

Round caps : Black = **674-837**, Grey = **674-849**, Red = **674-850**, Green = **678-399**,  
Blue = **678-405**, Yellow = **678-417**, White = **678-454**.  
Square caps : Black = **674-862**, Grey = **674-874**, Red = **674-886**, Green = **678-429**,  
Rect. caps : Black = **674-898**, Grey = **674-904**, Red = **674-916**,  
Square bezels : Blue = **678-430**, Yellow = **678-442**, White = **678-466**,  
Black = **674-928**, Grey = **674-930**, Red = **674-941**.

Mfrs. List No. Round caps = 1Dxx, Square caps = 1Kxx16, Rectangular caps = 1Pxx,  
Square bezels = 2Kxx, where xx = 00 (blue), 02 (green), 03 (grey), 04 (yellow),  
06 (white), 08 (red), 09 (black)

SW262

Order Multiple=1	Mfrs. List No.	Order Code	1+	50+	100+	500+
<b>Switch Bodies</b>						
PCB	3FTL6	<b>674-825</b>				
Surface mount	3FSH9	<b>674-965</b>				
Right angle	3FTL6RAS	<b>917-394</b>				
Square caps	<b>All Order Codes</b>					
<b>Price Each</b>						
<b>Order Multiple=10</b>			10+	50+	100+	500+
Round caps	<b>All Order Codes</b>					
Rectangular caps	<b>All Order Codes</b>					
Bezels to fit square caps	<b>All Order Codes</b>					

continued