

# 3900 Metal Toggle Switches 16A 250Vac - IP67 Sealed Versions



- ▶ Metal toggle switches
- ▶ Ratings up to 20A, 277V ac
- ▶ Single and double pole
- ▶ Choice of circuits including 3 position and momentary
- ▶ Sealed version supplied complete with gaskets
- ▶ Panel seal version to IP67
- ▶ 6.3mm terminals
- ▶ Guard option



16(4)A 250Vac T85 (3900 & 3950)  
10(4)A 250Vac T85 (All other circuits)



UL CSA\* 20A 125/277Vac (ON-OFF Circuits)  
UL CSA\* 16A 125/277Vac (Other Circuits)  
UL CSA\* 7A 72Vdc, 14A 36Vdc  
UL 250Vac 1hp, 125Vac 1/2hp  
UL 65°C, file E45221, CSA file LR10990



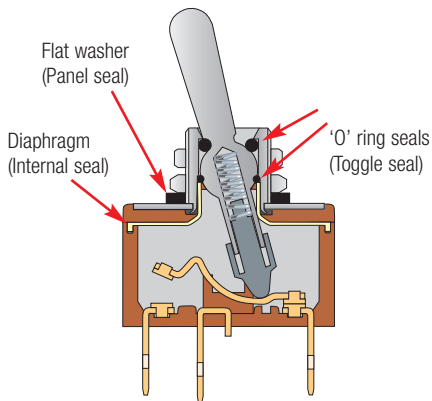
RoHS compliant

Approvals and ratings vary with function.  
3mm contact gap except where marked μ.  
Technical data on pages 4 & 5.  
\* CSA approval for A and B bodies only

**C 3900 B E - - -**

TERMINAL    FUNCTION    ACTUATOR    BODY    OPTIONS

TERMINAL	FUNCTION		ACTUATOR
<b>C</b>  6.3 x 0.8	<b>Single pole</b> 	<b>Double pole</b> 	<b>B</b>  metal  Metal toggle finish is nickel plate
	<b>3900</b> 	<b>3950</b> 	
	<b>3901</b> 	<b>3951</b> 	
	<b>3902</b> 	<b>3952</b> 	
	<b>3910</b> 	<b>3960</b> 	
	<b>3911</b> 	<b>3961</b> 	
	<b>3920</b> 	<b>3970</b> 	
	<b>3921</b> 	<b>3971</b> 	
	<b>3922</b> 	<b>3972</b> 	
	Other terminals to special order		



**Toggle switch - sealed version**  
BE and BF types



**Guard R17-10**



C3900BE ---



C3920BA ---



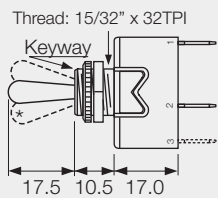
C3950BF ---



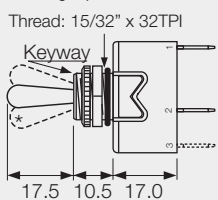
C3972BB ---

**BODY**

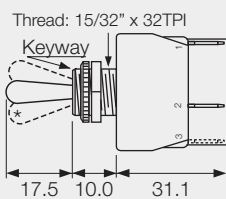
**A**  
Single pole



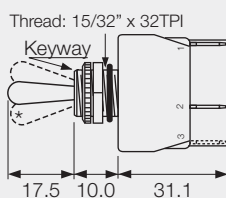
**E**  
Panel sealed, single pole



**B**  
Double pole



**F**  
Panel sealed, double pole



**OPTIONS**

**Neck Seal M539**  
Actuator is visible



**Cover M1080**



Covers have internal nylon nuts

**Fixing nuts**

Nickel plated brass are supplied



Hex Back nut



Knurled Front nut  
Panel thickness 4.0 with backnut

**Plate**

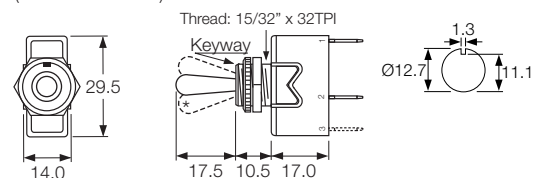
P232 plate SP or DP



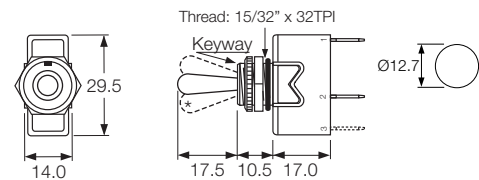
**DIMENSIONS** (mm) \* Indicates ON position (for ON - OFF switches)

**Single Pole**

(C terminals shown)



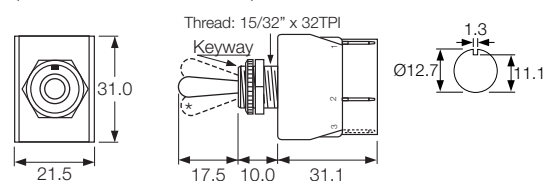
A Body



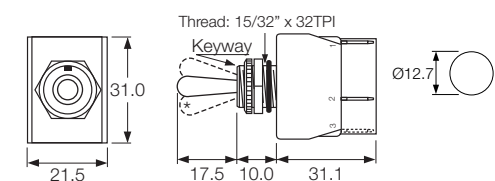
E body (panel sealed)

**Double Pole**

(C terminals shown with barrier)



B Body



F body (panel sealed)

# 1700 & 1750 Toggle Switches 16A 250Vac Single and Double Pole



- ▶ Nylon toggle switches
- ▶ Ratings up to 20A, 250V ac
- ▶ Single and double pole
- ▶ Wide choice of terminals
- ▶ Choice of circuit options including 3 position
- ▶ Flat & round actuator options



16(4)A 250Vac T85

UL 20A 250Vac Non Ind (Single pole)  
 UL 16A 250Vac Non Ind (Double pole)  
 UL CSA (2 pos types) 250Vac 1hp, 125Vac 1/2hp  
 UL CSA (3 pos types) 250Vac 1/2hp, 125Vac 1/4hp  
 CSA 16A 250Vac Non Ind  
 UL 85°C, file E45221, CSA file LR10990  
 UL and CSA N/A on momentary types

In house test

Inrush 36A to EN61058-1 & 20A 28Vdc

RoHS

RoHS compliant

Selective "A, B, C" and "OFF, A, A+B" circuits at 5 amp also available.  
 3mm contact gap except where marked  $\mu$ .  
 Technical data on pages 4 & 5.

**C 1750 H O - - -**

TERMINAL FUNCTION ACTUATOR BODY OPTIONS

TERMINAL	FUNCTION	ACTUATOR
<b>C</b>  6.3 x 0.8	<b>Single pole</b>  <b>1700</b>  ON - OFF	<b>Double pole</b>  <b>1750</b>  ON - OFF
<b>H</b>  4.8 x 0.8	<b>1710 <math>\mu</math></b>  ON - ON	<b>1760 <math>\mu</math></b>  ON - ON
<b>K</b>  2.8 x 0.8	<b>1720 <math>\mu</math></b>  ON - OFF - ON	<b>1770 <math>\mu</math></b>  ON - OFF - ON
<b>T</b>  Solder	<b>1721 <math>\mu</math></b>  ON - OFF - ON (momentary 1 side)	
<b>X</b>  PCB 0.8 Sq	<b>1722 <math>\mu</math></b>  ON - OFF - ON (momentary 2 sides)	

The switch is on between centre terminals (2 & 5) and the terminals over which the lever is positioned.

toggle switches



C1700RO ---



C1700HO ---



C1760RO ---



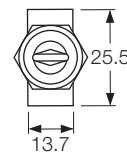
C1750HO ---

BODY	OPTIONS
<p><b>0</b> Single pole</p> <p>Thread: 15/32" x 32TPI Keyway 10.0 → 12.2</p>	<p><b>Neck Seal M539</b> Material - Nitrile (H &amp; R Actuators) Actuator visible</p> <p><b>Cover M1080</b> Material - EPDM (R Actuator only)</p> <p><b>Cover M331</b> Material - PVC (R Actuator only)</p> <p>Covers have internal nylon nuts</p>
<p><b>0</b> Double pole</p> <p>Thread: 15/32" x 32TPI Keyway 10.0 → 19.2</p> <p>Panel hole (all types) Panel thickness (Max) Both nuts - 3.5mm Less backnut - 6.5mm</p>	<p><b>Fixing nuts</b> (Standard is M506 &amp; T92)</p> <p>T5 Hex brass M506 Hex nylon</p> <p>T92 Knurled brass - slotted</p> <p>M279 Knurled nylon</p>

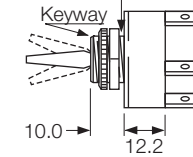
**DIMENSIONS (mm)**

**Single Pole**

(C terminals shown)



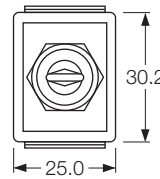
Thread: 15/32" x 32TPI



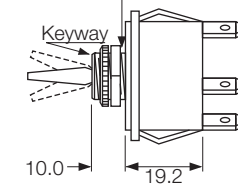
Optional P232 plate  
SP or DP

**Double Pole**

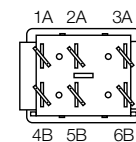
(C terminals shown)



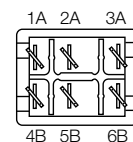
Thread: 15/32" x 32TPI



Without barrier

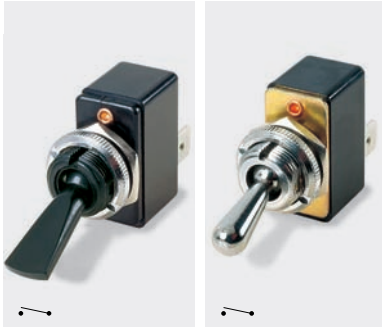


With barrier



Optional terminal barrier M441.

# 0600 Toggle Switches 1A 250Vac



C0600HD ---



C0600CC ---

- ▶ Toggle switch
- ▶ Brass and nylon actuators
- ▶ Single pole
- ▶ Latching and momentary action
- ▶ Choice of actuator profiles



C0602SC ---

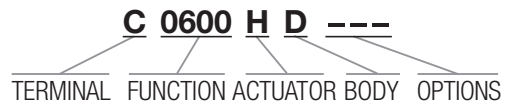
*In house test*

**1A 250Vac**  
**3A 12/24Vdc**

**RoHS**

**RoHS compliant**

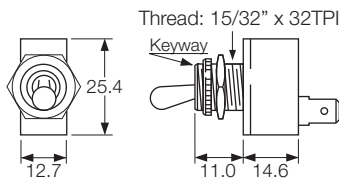
3mm contact gap.  
Technical data on pages 4 & 5.



▶ TERMINAL	▶ FUNCTION	▶ ACTUATOR	▶ BODY	▶ OPTIONS
<p><b>C</b></p> <p>6.3 x 0.8 10.1</p>	<p><b>0600</b></p> <p>ON - OFF</p> <p><b>0602</b></p> <p>ON - OFF (momentary ON)</p>	<p><b>C</b> Chromed brass (0600)</p> <p>15.0</p> <p><b>U</b> Nylon (0600)</p> <p>12.1</p> <p><b>G</b> Nylon (0600)</p> <p>27.0</p> <p><b>H</b> Nylon (0600)</p> <p>17.0</p> <p><b>S</b> Chromed brass stem/nylon paddle (0602 only)</p> <p>41.8</p>	<p><b>D</b> Nylon neck and top plate (Used with actuator codes U, G and H)</p> <p><b>C</b> Metal neck and top plate (Used with actuator codes C and S)</p> <p>Ø12.7    1.3    11.1</p> <p>Panel thickness - 3.5mm Back nut must be fitted</p> <p><b>Fixing nuts</b> (Standard is M506 &amp; T92)</p> <p><b>T5</b> Hex brass    15.2</p> <p><b>M506</b> Hex nylon    3.0 (M506) 2.0 (T5)</p> <p><b>T92</b> Knurled brass - slotted    16.0    2.6</p> <p><b>M279</b> Knurled nylon    16.2    4.1</p>	<p><b>Cover M331</b> (C Actuator only)</p> <p><b>Seal M539</b> (C, H &amp; U Actuators) Actuator visible</p> <p><b>Cover M1080</b> (C Actuator only)</p> <p>Covers have internal nylon nuts.</p>

**Dimensions (mm)**

**0600** (U actuator shown)



**0602**

