

Well known for their quality and reliability, **Bulgin's toggle switches** are **cost effective** solutions to many existing applications. These switches offer features at an attractive price point often well below that of the existing competition.

- Nylon and Metal switch variants
- Multiple Lever Options
- Ratings up to 20A, 250V ac - 277V ac
- IP67 panel seal versions, supplied complete with gaskets (3900 Series – All Variants)
- Single and double pole
- Choice of circuit options including 3 position and momentary
- Mounting hole: 12.2mm diameter.
- Sealing accessories available
- Quick Connect, Solder, Screw and PCB Termination Options



3900 Metal Toggle Switches

16A 250Vac - IP67 Sealed Versions



Key Features

- 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



Terminal	Function	Actuator	Body	Options
<p>C</p> <p>6.3 x 0.8 10.5</p>	<p>Single Pole</p> <p>3900 ON - OFF</p> <p>3901 ON - OFF (momentary ON)</p> <p>3902 ON - OFF (momentary OFF)</p>	<p>A</p> <p>10.0 Metal toggle finish is nickel plate</p> <p>B</p> <p>17.5 Metal toggle finish is nickel plate</p> <p>D</p> <p>25.4 Metal toggle finish is nickel plate</p> <p>E</p> <p>38.1 Metal toggle finish is nickel plate</p> <p>F</p> <p>17.5 Metal toggle finish is nickel plate</p>	<p>A Single pole Thread: 15/32" x 32TPI Keyway 17.5 10.5 17.0</p> <p>E Panel sealed, single pole Thread: 15/32" x 32TPI Keyway Panel Seal 17.5 10.5 17.0</p> <p>A Double pole, without barrier Thread: 15/32" x 32TPI Keyway 17.5 10.0 30.6</p> <p>B Double pole, with barrier Thread: 15/32" x 32TPI Keyway 17.5 10.0 30.6</p> <p>F Panel sealed, double pole, with terminal barrier Thread: 15/32" x 32TPI Keyway Panel Seal 17.5 10.0 31.1 Switches with F toggles have double pole bodies, regardless of circuit</p> <p>G Panel sealed, double pole, without terminal barrier Thread: 15/32" x 32TPI Keyway Panel Seal 17.5 10.0 31.1</p>	<p>Neck Seal M539 Actuator is visible</p> <p>Cover M1080</p> <p>Covers have internal nylon nuts</p> <p>M1080-2</p> <p>Covers have internal metal hex nuts</p> <p>Fixing nuts Nickel plated brass are supplied</p> <p>Knurled Front nut Panel thickness 4.0 with backnut</p> <p>Plate P236 Plate SP or DP</p>
<p>S</p> <p>10.5 Screw & Clamp</p>	<p>Double Pole</p> <p>3950 ON - OFF</p> <p>3951 ON - OFF (momentary ON)</p> <p>3952 ON - OFF (momentary OFF)</p>			
<p>T</p> <p>10.5 3.1 Solder</p>	<p>3910 ON - ON</p> <p>3911 ON - ON (momentary 1 side)</p> <p>3920 ON - OFF - ON μ</p> <p>3921 ON - OFF - ON μ (momentary 1 side)</p> <p>3922 ON - OFF - ON μ (momentary 2 sides)</p>			

Approvals and specifications

UL/CSA Ratings 3901, 3902, 3920, 3921, 3922
16A, 277Vac
1 HP, 250Vac

7A, 72Vdc
14A, 36Vdc

3910, 3901, 3952, 3960, 3961, 3970, 3971, 3972
16A, 277Vac
1 HP, 250Vac
1/2 HP, 125Vac
7A, 72Vdc
14A, 36Vdc

3900, 3950
20A, 277Vac
1 HP, 250Vac
1/2 HP, 125Vac
7A, 72Vdc
14A, 36Vdc

ENEC Ratings
3900, 3901, 3902, 3950, 3952, 3960, 3961
16(4)A 250Vac

3910, 3911, 3920, 3921, 3922, 3951, 3970, 3972
10 4)A 250Vac

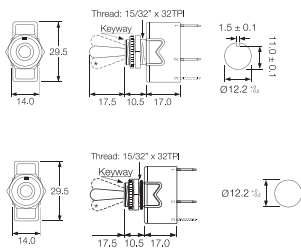
Approvals and ratings vary with function.
3mm contact gap except where marked μ .

* CSA approval for A and B bodies only

Dimensions (mm) * Indicates ON position (for ON - OFF switches)

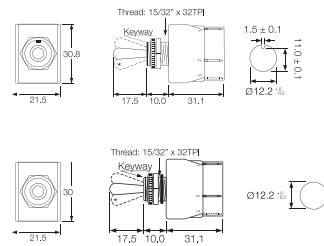
Single pole

(C terminals shown)



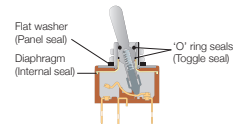
Double pole

(C terminals shown with barrier)



Toggle Switch - sealed version

BE and BF types



Guard TG1-RED



Examples



C3900BE ---



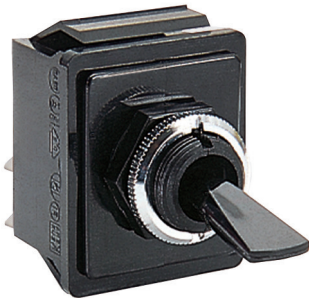
C3920BA ---



C3950BF ---



C3972BB ---



Key Features

- 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

Approvals and specifications

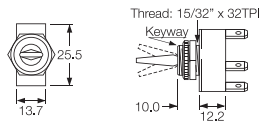
- ☑ 16(4)A 250Vac T85
 - ☑ UL 20A 250Vac Non Ind (Single pole)
 - ☑ UL 16A 250Vac Non Ind (Double pole)
 - ☑ UL CSA (2 pos types) 250Vac 1hp, 125Vac 1/2hp
 - ☑ UL CSA (3 pos types) 250Vac 1/2hp, 125Vac 1/4hp
 - ☑ CSA 16A 250Vac Non Ind
 - ☑ UL 85°C, file E45221, CSA file LR10990
 - ☑ UL and CSA N/A on momentary types
- Selective "A, B, C" and "OFF, A, A+B" circuits at 5 amp also available.
3mm contact gap except where marked μ .

Terminal	Function	Actuator	Body	Options
<p>C</p>	<p>Single Pole</p> <p>1700 ON - OFF</p>	<p>H</p>	<p>O Single pole</p> <p>Thread: 15/32" x 32TPI</p>	<p>Neck Seal M539</p> <p>Material - Nitrile (H & R Actuators) Actuator visible</p>
<p>H</p>	<p>Double Pole</p> <p>1750 ON - OFF</p>	<p>R</p>	<p>O Double Pole</p> <p>Thread: 15/32" x 32TPI</p>	<p>Cover M1080</p> <p>Material - EPDM (R Actuator only)</p>
<p>K</p>	<p>1710 μ ON - ON</p>		<p>O Double Pole</p> <p>Thread: 15/32" x 32TPI</p>	<p>Cover M531</p> <p>Material - PVC (R Actuator only)</p>
<p>T</p>	<p>1720 μ ON - OFF - ON</p>		<p>Panel hole (all types)</p> <p>Panel thickness (Max) Both nuts - 3.5mm Less backnut - 6.5mm</p>	<p>Fixing nuts (Standard is M506 & T92)</p> <p>T5 Hex brass</p> <p>M506 Hex nylon</p>
<p>X</p>	<p>1721 μ ON - OFF - ON μ (momentary 1 side)</p>			<p>T92 Knurled brass - slotted</p> <p>M279 Knurled nylon</p>
	<p>1722 ON - OFF - ON μ (momentary 2 sides)</p>	<p>The switch is on between centre terminals (2 & 5) and the terminals over which the lever is positioned.</p>		<p>Plate P236 Plate SP or DP</p>

Dimensions mm) * Indicates ON position (for ON - OFF switches)

Single pole

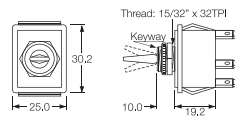
(C terminals shown)



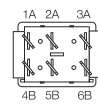
Optional
F00232PAAA
plate SP or DP

Double pole

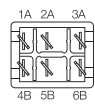
(C terminals shown)



Without barrier



With barrier



Examples



C1700R --



C1700H --



C1760R --



C1750H --



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.