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### **Series CW**

Toggles

# General Specifications

Rockers B	CWSA	Electrical Capacity Power Level: Other Ratings	For Resistive Load 6A @ 250V AC		
Pushbuttons	Contact Resistance: Insulation Resistance: Dielectric Strength:		20 milliohms maximum 500 megohms minimum @ 500V DC 1,500V AC minimum between contacts for 1 minute minimum 3,000V AC minimum between contacts & case for 1 minute minimum		
		Mechanical Life: Electrical Life: Nominal Operating Force:	30,000 operations minimum 10,000 operations minimum with Resistive Load & 6,000 operations with Inductive Load 2.50N		
m III om		Angle of Throw: Materials & Finishes	30° Operating Temperature Range:	–10°C ~ +70°C (+14°F ~ +158°F)	
Programmable Illuminated PB		Materials & Finishes Rocker: Housing: Movable Contactor: Movable Contacts:	PolycarbonateStationary Contacts:PolyamideBase:Brass with silver alloy platingContact Terminals:Silver alloyCommon Terminals:	Silver alloy Laminated thermosetting sheets Copper with silver plating Brass with silver plating	
Keylocks	CWSB	Electrical Capacity Power Level:	For Resistive Load 6A @ 250V AC		
Rotaries		Other Ratings Contact Resistance: Insulation Resistance: Dielectric Strength:	e: 500 megohms minimum @ 500V DC		
Slides		Mechanical Life: Electrical Life: Nominal Operating Force:	30,000 operations minimum 10,000 operations minimum with Resistive Load & 6,000 operations with Inductive Load 6.50N for single pole models; 10.0N for double pole models 30° <b>Operating Temperature Range:</b> -10°C ~ +70°C (+14°F ~ +158°F)		
Tactiles		Angle of Throw: Materials & Finishes Rocker: Housing:	Polycarbonate Stationary Contacts: Polyamide Base:	Silver alloy	
		Movable Contactor: Movable Contacts:	Beryllium copper w/silver alloy plating Terminals: Silver	Brass with silver plating	
Ţ	CWT Electrical Capacity Power Level: For Resistive Load 6A @ 125V AC; 3A @ 250V AC; 4A @ 30V DC Other Ratings Contact Resistance: 20 milliohms maximum Insulation Resistance: 1,000 megohms minimum @ 500V DC Dielectric Strength: 1,000 AC minimum between contacts for 1 minute minimum 1,000 AC minimum between contacts for 1 minute minimum		A @ 30V DC		
Touch					
Indicators		Mechanical Life: Electrical Life: Nominal Operating Force:	1,500V AC minimum between contacts & case for 1 minute minimum 50,000 operations minimum 25,000 operations minimum 2.0N		
Accessories		Angle of Throw: Materials & Finishes Rocker: Housing:	30°Operating Temperature Range:Glass fiber reinforced polyamideBase:PolyamideContact Terminals:	-25°C ~ +70°C (-13°F ~ +158°F) LCP (Liquid Crystal Polymer) Brass + silver with silver plating	
Supplement 🏿 A		Movable Contactor: Movable Contacts:	Phosphor bronze w/silver plating Common Terminals: Silver alloy	Brass with silver plating	

## **Distinctive Characteristics**

#### **CWSA**

Low cost molded rocker.

See-saw contact mechanism

Stable stationary contact construction for high reliability.

Easily installed with snap-in mounting.

Large terminal hole dimensioned .067" x .098" (1.7mm x 2.5mm) simplifies wiring and soldering.

Wave Soldering (PC version): See Profile A in Supplement section. Manual Soldering: See Profile A in Supplement section.

#### **CWSB**

Low cost molded rocker.

Snap-acting contact mechanism gives smooth actuation and audible feedback.

Stable stationary contact construction for high reliability.

Front panel, snap-in mounting for labor-saving installation.

Solder lug/quick connect terminals can be used with connectors.

Manual Soldering: See Profile B in Supplement section.

#### **CWT**

Low cost molded rocker in compact, slim design.

See-saw contact mechanism

Outstanding insulation resistance and dielectric strength.

Dust proof construction protects contact area.

Stable stationary contact construction for high reliability.

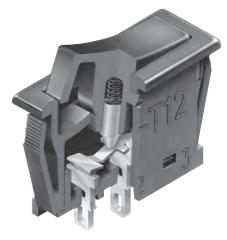
Front panel, snap-in mounting for labor-saving installation.

Terminals are molded in and epoxy sealed to lock out flux, dust, and other contaminants.

Manual Soldering: See Profile A in Supplement section.







Toggles

Rockers В

Keylocks Programmable Illuminated PB Pushbuttons

Rotaries

Slides

**Factiles** 

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Touch

Indicators

Supplement Accessories



Toggles

Rockers B

Keylocks | Programmable | Illuminated PB | Pushbuttons

Rotaries

Slides

Tactiles

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Touch

Indicators

Supplement Accessories

#### **STANDARDS & CERTIFICATIONS**

#### CWSA



Specific CWSA models listed below are qualified for Underwriters Laboratories Inc. recognition and Canadian Standards Association certification. cULus marking on case is standard as noted in following table.

 Model
 Ratings @ AC

 CWSA11
 6A @ 250V

 CWSA12
 6A @ 250V

<u>cULus File No.</u> E44145 E44145 <u>Marking on Case</u> Standard Standard

#### CWSB



Specific CWSB models listed below are qualified for Underwriters Laboratories Inc. recognition and Canadian Standards Association certification. cULus marking on case is standard as noted in following table.

 Model
 Ratings @ AC

 CWSB11
 6A @ 250V

 CWSB21
 6A @ 250V

<u>cULus File No.</u> E44145 E44145 <u>Marking on Case</u> Standard Standard

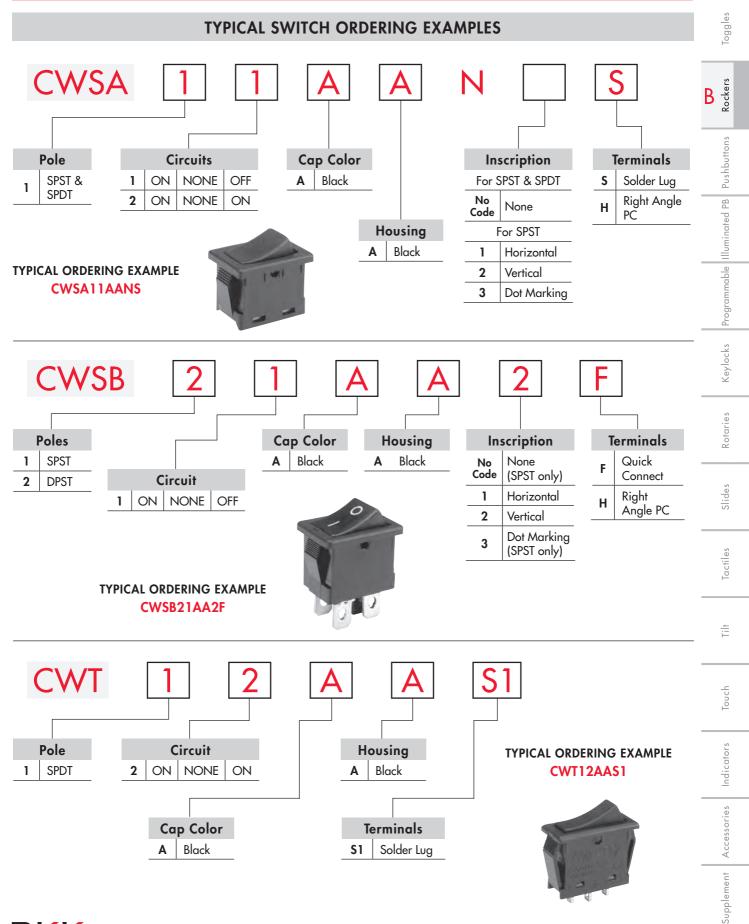
#### CWT

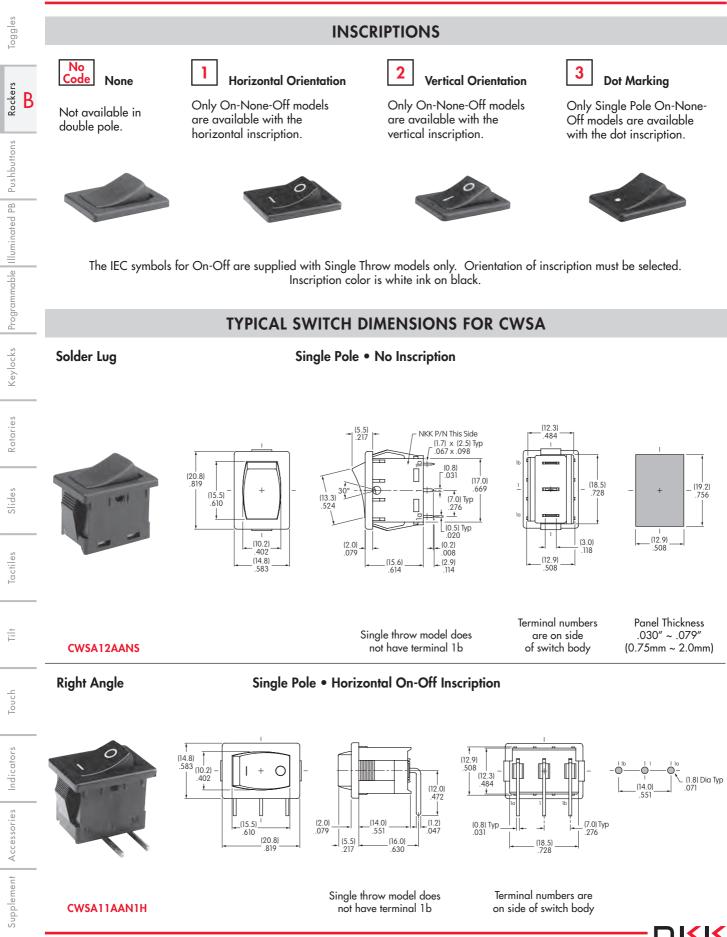


Specific CWT model listed below is qualified for Underwriters Laboratories Inc. recognition and Canadian Standards Association certification. cULus marking on case is standard as noted in following table.

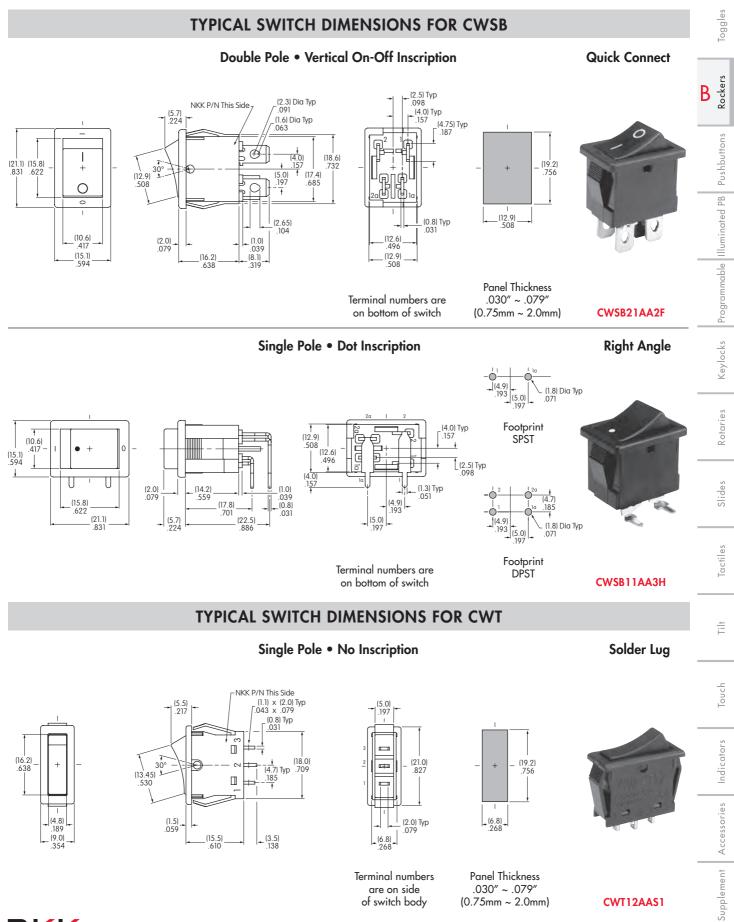
<u>Model</u> <u>Ratings @ AC</u> CWT12 6A @ 125V 3A @ 250V <u>cULus File No.</u> E44145 <u>Marking on Case</u> Standard







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