

# Bolted Pressure Contact Switching and Pullout Switching Solutions

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UL/CSA



# About Boltswitch

Boltswitch, Inc., based in Crystal Lake, IL is the North American leader in fusible bolted pressure contact switches and fusible pullout switches. Since our first switch pole was filed out in 1953, we have continually contributed to the science of switch building.

Our original 400 amp switch was built as an alternative to outmoded knife switches and breakers which have limited interrupting capability. The switch performed exceptionally well in tests and led us right into 600, 800 and 1200 amp and the 30 through 200 amp sizes.

Our small switches outperformed any switch on the market, and their proven principals were then applied to larger ampacities. We were the first with Quick-Make, Quick-Break operators on all sizes of switches through 4000 amps. We were the first to pass the UL977 Fused Power-Circuit Device tests and first to have a UL listed switch marked as to its suitability for use on circuits having high available fault currents.

Boltswitch has invested an extraordinary amount of time, money and thought in our design and test programs, and the switches we produce are unique, in the true sense of the word.

## Boltswitch Expertise



**Single Throw Fusible Bolted Pressure Contact Switches**



**Double Throw Fusible Bolted Pressure Contact Switches**



**Fusible Pullout Switches**



**Socomec Group**

Boltswitch Inc. is a proud member of Socomec Group; a family owned French based company and a global leader in low-voltage power switching and energy performance. Socomec has been taking great measures to expand their presence in North America. These efforts include augmenting its portfolio of switching technology by attaining a US based manufacturing center of excellence, and growing through the acquisition of exceptional companies such as Boltswitch.



[www.socomec.us](http://www.socomec.us)

# Product Overview



## Single Throw Fusible Bolted Pressure Contact Switches

Our bolted pressure contact switches offer reliable on-load switching with current carrying capacity equal to a bolted buss connection.

## Open Style Switches



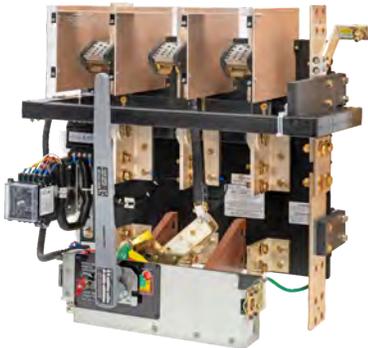
**SERIES T**  
200-1200 A



**SERIES R, J & JB**  
400-600 A

**SERIES L & VT**  
800-1200 A

**SERIES LB**  
800 A



**SERIES VLDC**  
800-2000 A

**SERIES VL & VLB**  
800-3000 A



**SERIES SL & SLB**  
4000-6000 A

## Enclosed Style Switches



### **SERIES VL/VLB & SL/SLB SWITCHES**

800 A to 4000 A Type 1 Indoor or Type 3R Rainproof

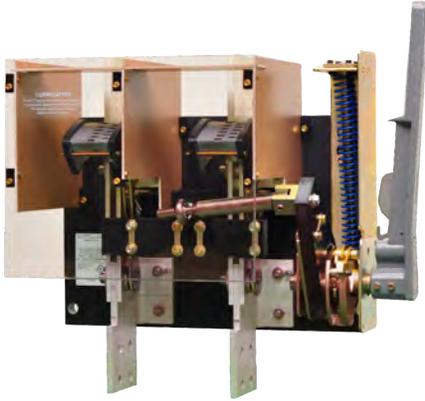
### **TOP FEED SERIES EJ, ER & EL**

400-1200 A Type 1 Indoor or Type 3R Rainproof

### **BOTTOM FEED SERIES EJB & ELB**

400-800 A Type 1 Indoor or Type 3R Rainproof

## Specialty Switches



**MILL SWITCH**  
800-3000 A



**TIE SWITCHES**  
800-4000 A

**NO-FUSE DISCONNECTS**  
800-6000 A

**SERIES B**  
400-600 A

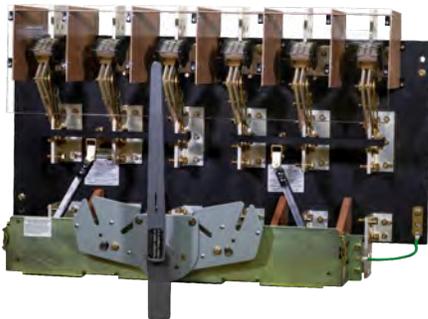
**SPACE SAVING SERIES WL**  
800-2000 A



### Double Throw Fusible Bolted Pressure Contact Switches

Our double throw switches use our Geneva dual operator mechanism providing mechanical interlocking of two independent switches controlled by a single handle.

## Open Style Switches



**SERIES T GENEVA**  
400-600 A

**SERIES SL GENEVA**  
4000-6000 A

**SERIES VL GENEVA**  
800-3000 A

## Enclosed Style Switches



**SERIES VL GENEVA**  
800-3000 A Type 1  
Indoor or Type 3R  
Rainproof

**SERIES T & GT GENEVA**  
400-600 A  
Type 1 Indoor or Type  
3R Rainproof



## Fusible Pullout Switches

Our pullout switches offer a compact, low maintenance, cost effective switching solution for a variety of fuse types.

### Open Style Switches

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**SERIES CC**  
30 A

**SERIES T**  
30-400 A

**SERIES J**  
30 A

**SERIES R & H**  
30-60 A

**SERIES CD**  
60 A

### Enclosed Style Switches

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**SERIES CC, T, J, R & CD**  
30-400 A Type 1 Indoor or  
Type 3R Rainproof



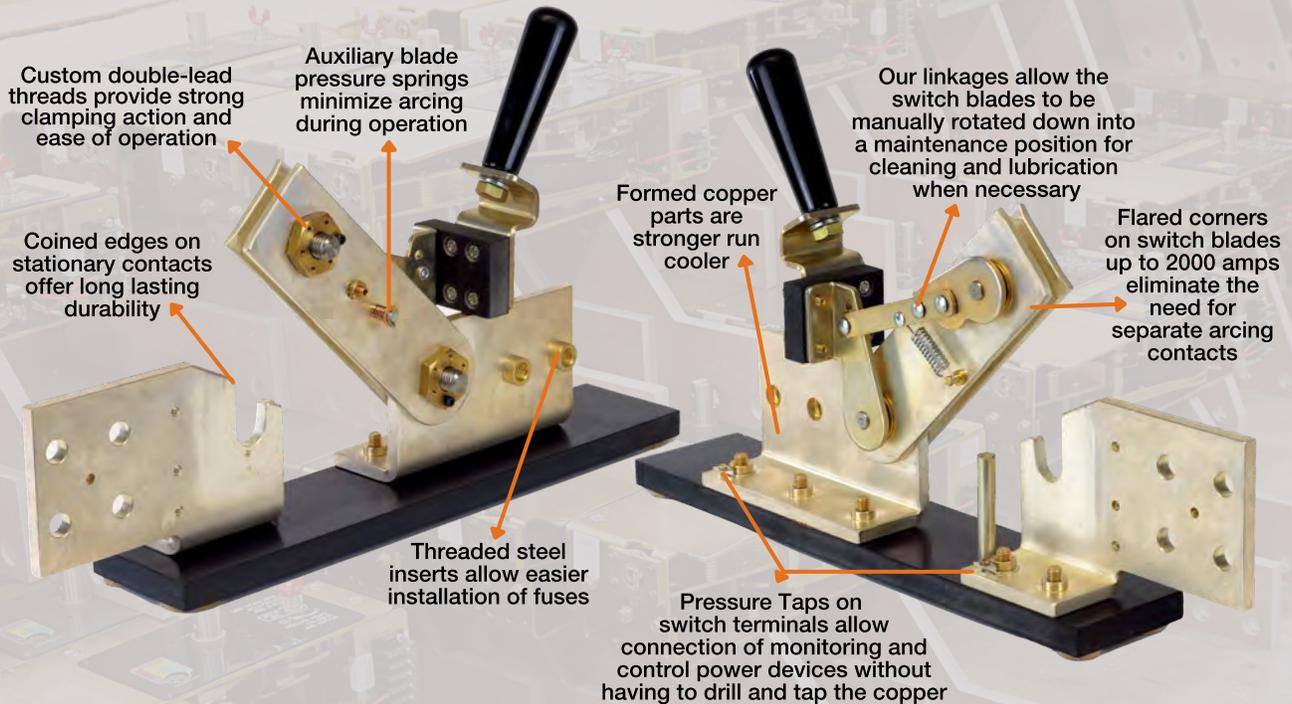
## Load Make/Break up to 600 VAC and DC

The Boltswitch proven principals were applied to larger ampacity switches and Boltswitch was the first with Quick-Make, Quick-Break operators on all sizes of switches through 4000 amperes. This feature is offered on many of the products offered. The Quick-Make & Quick-Break design, tease-proof operators, ensure that the switches have the capability to provide the utmost performance and safety for the user and the installation.

Pullout switches are evaluated and tested as load break switches. Make and break testing is required on circuits with currents at 100%, 150% and 600% of the nameplate rating. This testing is performed with dummy fuses installed in the pullout switch, since live fuses can open under these current levels.

## Bolted Pressure Contacts Switches

*Boltswitch bolted pressure contact switches are designed to run cooler and more efficiently than knife or butt contact switches. The clamping action provided by this type of switch results in high withstand capabilities along with the current carrying efficiency of a bolted buss connection.*



## Socomec Group



POWER SWITCHING



POWER MONITORING



POWER CONVERSION



ENERGY STORAGE



EXPERT SERVICES

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WWW.BOLT SWITCH.COM



***boltswitch***<sup>®</sup>  
bolted pressure contact switches  
Socomec Group