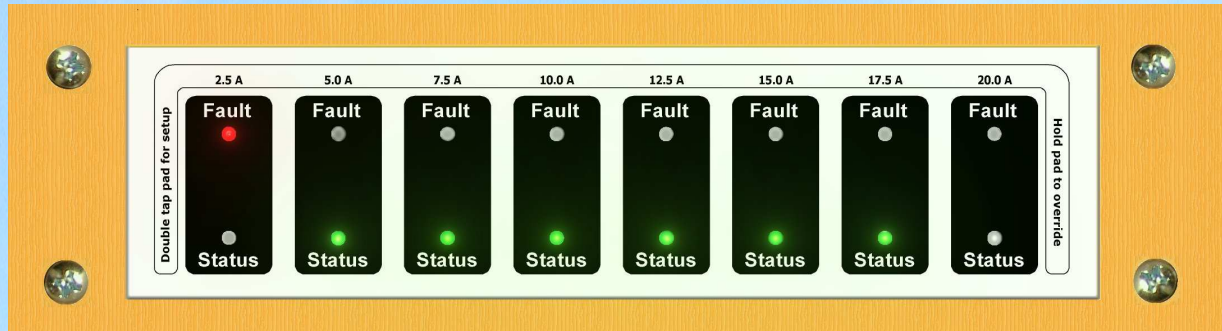


# Ztron Labs Electronic Breaker-Switches

ZL-BP8 (8 channels) / ZL-BP4 (4 channels)



Replaces eight conventional switches and circuit breakers, in less space for about the same cost.

These units use advanced microprocessor circuitry to provide the highest accuracy and greatest flexibility in the industry.

Comprising eight (ZL-BP8) or four (ZL-BP4) individual channels of power monitoring and control in a single, all solid-state unit.

These units can be reprogrammed to different current settings at any time with just three taps on the keys.

To re-set a tripped circuit, just holds the associated button down for 1.5 seconds.

There are no fancy or required installation extras, just four 5/32" holes for mounting bolts and a small 1.5"x4.5" rectangular cutout in your instrument panel.

Because these units are solid-state and use capacitive sense buttons, they are extremely reliable and consistent in use, with no moving parts to wear out!

Simplifies power wiring and lets you decide on the protection level needed after installation.

## Features

- Eight independent channels of protection.
- Each channel has individually programmable current fault/trip levels.
- Low power usage.
- Trip levels per channel can be set after installation.
- Touch sensitive switches, no moving parts, and no contacts to arc or wear out.
- Precise, repeatable, and accurate current trip levels.
- Bright visual indication of each channel status.
- Very low profile (0.5")
- Very low weight (40 gm)



# Ztron Labs

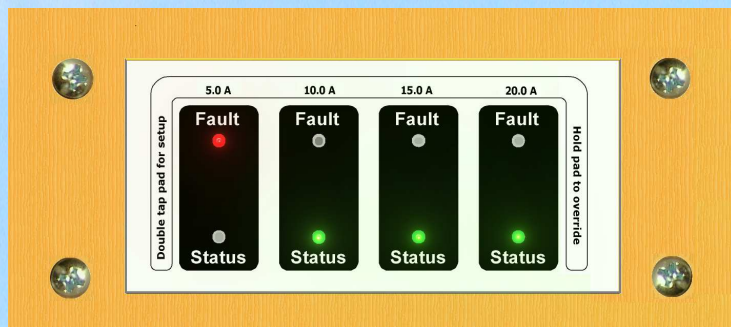
## Electronic Breaker-Switches

### ZL-BP8 Specifications

Dimensions	6.84"x 1.69"x 0.5" (174 x 43 x 12 mm)
Weight	1.75oz (50 grams)
Input Voltage	10-30 V DC
Current Draw	40mA maximum
Power	0.55 Watts maximum
Total Operating Capacity	50 Amps maximum <sub>1</sub>
Individual channel capacity (continuous current)	15 Amps maximum
Operating voltage	10 – 30 V <sub>2</sub> 6 – 30V <sub>3</sub>
Current trip accuracy	5 %
Current trip resolution	0.1 Amp internally 2.5 to 20 Amps, in 2.5 A steps
Warranty	3 years



# Ztron Labs Electronic Breaker-Switches



## Features

- Four independent 15 Amp protection channels
- Each channel has individually programmable current fault/trip levels.
- Same design and features as ZL-BP8 just half the channels

## ZL-BP4 Specifications

Dimensions	4.24"x 1.69"x 0.5" (108 x 43 x 12 mm)
Weight	1.25oz (40 grams)
Input Voltage	10-30 V DC
Current Draw	15mA maximum
Power	0.2 Watts maximum
Total Operating Capacity	50 Amps <sup>1</sup>
Individual channel capacity (continuous current)	15 Amps maximum
Operating voltage	10 – 30 V <sup>2</sup> 6 – 30V <sup>3</sup>
Current trip accuracy	5 %
Current trip resolution	0.1 Amp internally 5 to 20 Amps, in 5 A steps
Warranty	3 years

- Notes:
- <sup>1</sup> Sum of operating current flowing through all channels
  - <sup>2</sup> Supply voltage range for current monitoring to be valid
  - <sup>3</sup> Supply voltage range for switching function to deliver power to loads.

Watch our breakers in action; look for our video at [www.ZtronLabs.com](http://www.ZtronLabs.com)