ATX LED

100% DC low voltage

ATX LED Consultants Inc
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Austin TX, 78701
512 377 6052
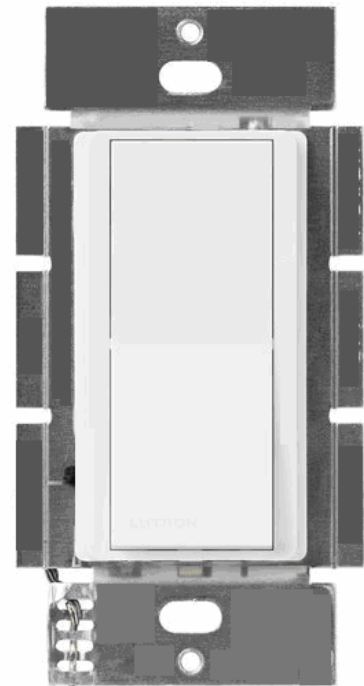http://atx-led.com

AL-WS-ICL

Spark Eliminator

Inrush Current limiting switch

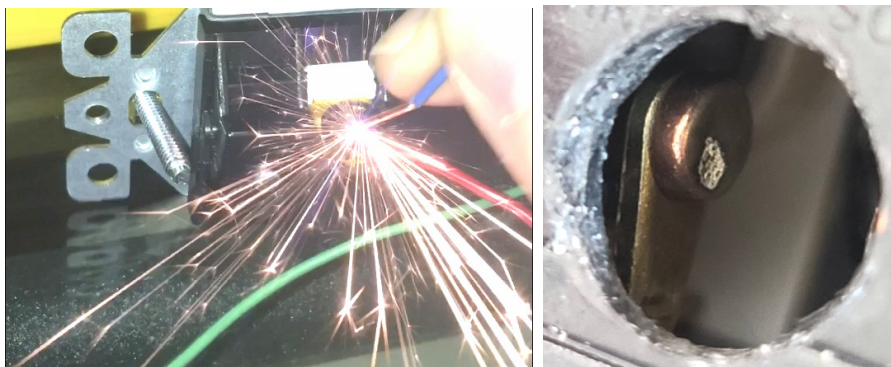## For DC reactive loads

12 to 48 volts   2 amps

3-Way

Product Description - AL-WS-ICL wall switch

This product is designed to solve the problem of switch failure resulting from the DC-DC converters in most products.   Electronic loads such as in LEDs and Fans – have high inrush currents that cause sparks that result in early failure of the switch or contactor.

The AL-WS-ICL solves this problem.   Placing this device instead of a "Home Depot" switch eliminates the inrush current.   It uses a UL listed 3-way rocker switch that leverages mass production of Decorator switches, now for low voltage applications.   The same device can be used to spark protect a contactor – wire the R and B together to operate as a spark eliminator.

Use this switch with DC LEDs, Delta Exhaust Fans, or any electronic load.   If you see sparks when connecting a load – you need this device.

Sparks damage switches - 100 cycles and serious damage

	Screw type connectors for AWG 12-20 wire
Power source and load	W is minus 12 to 48 volts B is plus 12 to 48 volts R is for 3-way operation
Input voltage range	12 volts to 52 volts
Max output current	2 amps
Protection	Reverse protection and static protection
Operating Temperature	0°C ~ 50°C
Size	108H (metal) 70H x 34 D x 42 W mm
Dimming	None – see other products for dimming
FCC and interference	All outputs are RF filtered for minimal interference
3-Way input	Connect a 3-way switch to R and B inputs to support 3-Way switching
Delay Time	100 mseconds

Three Way Operation