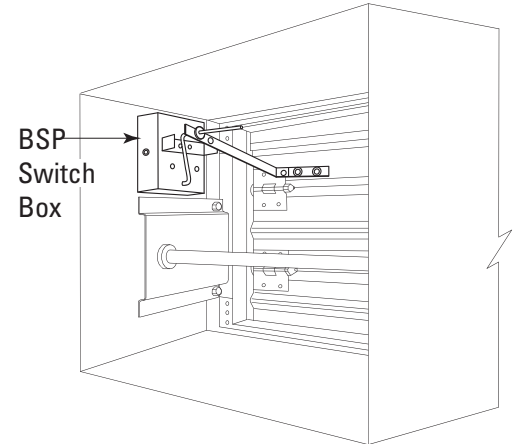


## Application:

The Blade Switch Package (BSP) provides the ability to remotely indicate the damper blade position. It is two integrally mounted micro switches for positive status indications. Electrical interface with a remote control on/off fan station is also possible with the BSP. The BSP consist of the switch box, containing two damper position indicator switches (one closes when the damper is fully open and the other closes when the damper is fully closed), a switch box mounting bracket, a blade bracket, and hardware necessary to directly link the switch box to the blade.

The BSP option is available on all CVS FSD Models of Combination Fire/Smoke dampers, SSD Models of Smoke dampers, FD-MB, FDD-MB Models of Multi-blade Fire dampers and CVS Control Dampers (CDF, CDH). The box can be mounted internally or externally with flexibility for field installation.



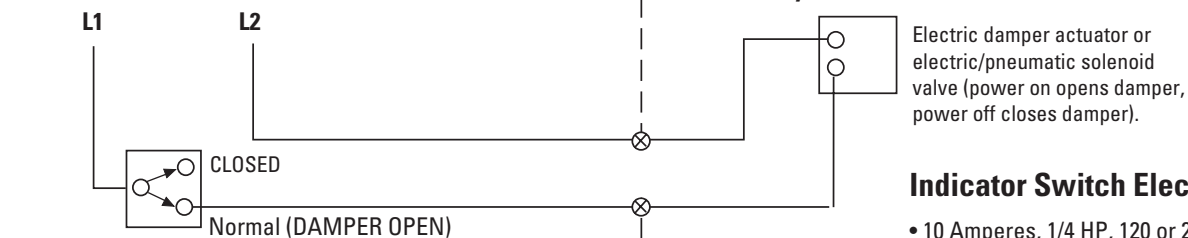
## BSP Wiring Diagram:

Devices to Left of dashed line are located remotely from damper - furnished by others.

Devices to right of dashed line are factory mounted on damper.

120 or 24 volt ac damper actuator power

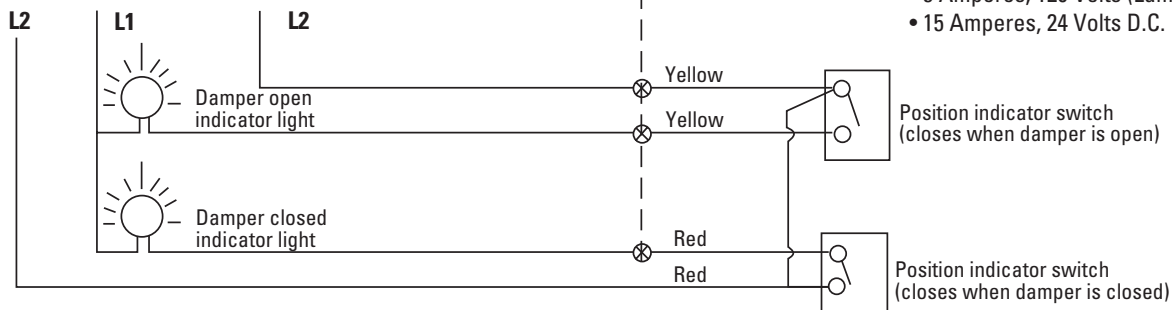
Field wiring terminates at splice points indicated by "X"



Electric damper actuator or electric/pneumatic solenoid valve (power on opens damper, power off closes damper).

Open/closed auto switching

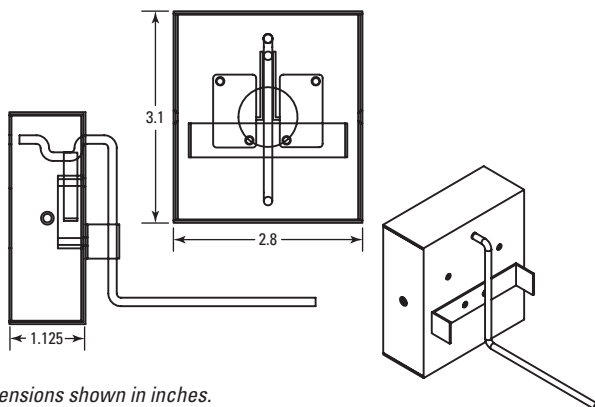
Any supply voltage compatible with lights and switches



### Indicator Switch Electrical Limitations:

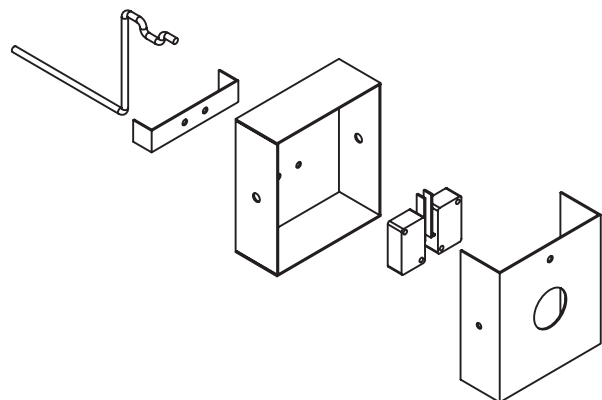
- 10 Amperes, 1/4 HP, 120 or 240 Volts A.C.
- .5 Ampere, 125 Volts D.C.
- .25 Ampere, 250 Volts D.C.
- 5 Amperes, 120 Volts (Lamp Load)
- 15 Amperes, 24 Volts D.C.

## BSP Dimension Information:



All dimensions shown in inches.

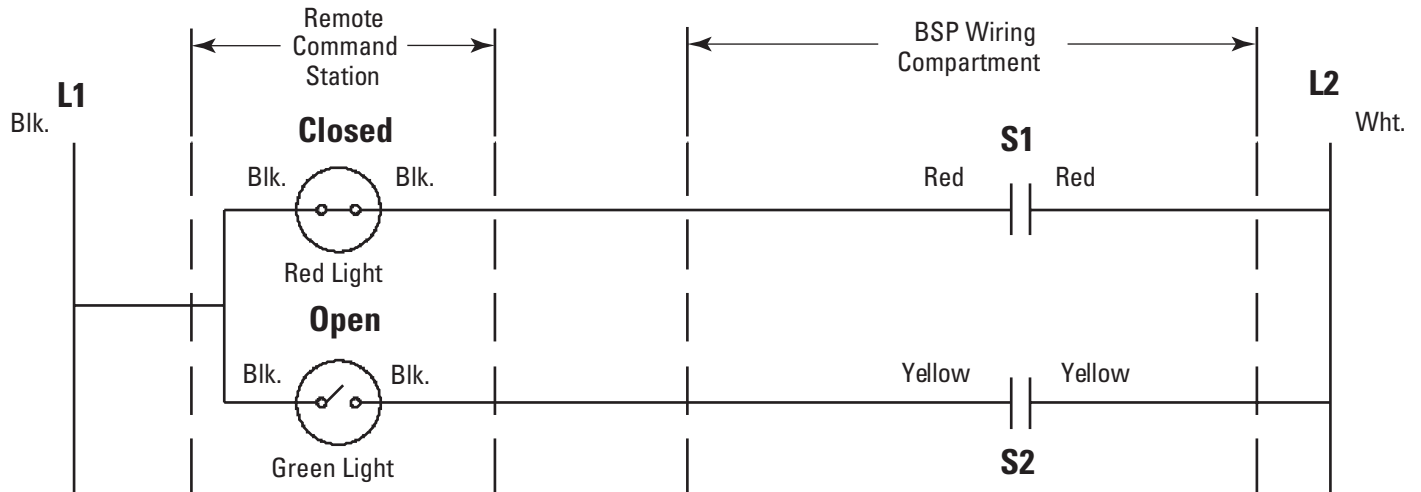
## BSP Exploded View:



1 As part of our continuous improvement program, we reserve the right to make further improvements without notice.

Model BSP

## BSP Wiring Details:



L1, L2 is a Supply Voltage Compatible with Lights and Switches. Standard Voltage is Same as Actuator Ordered.

