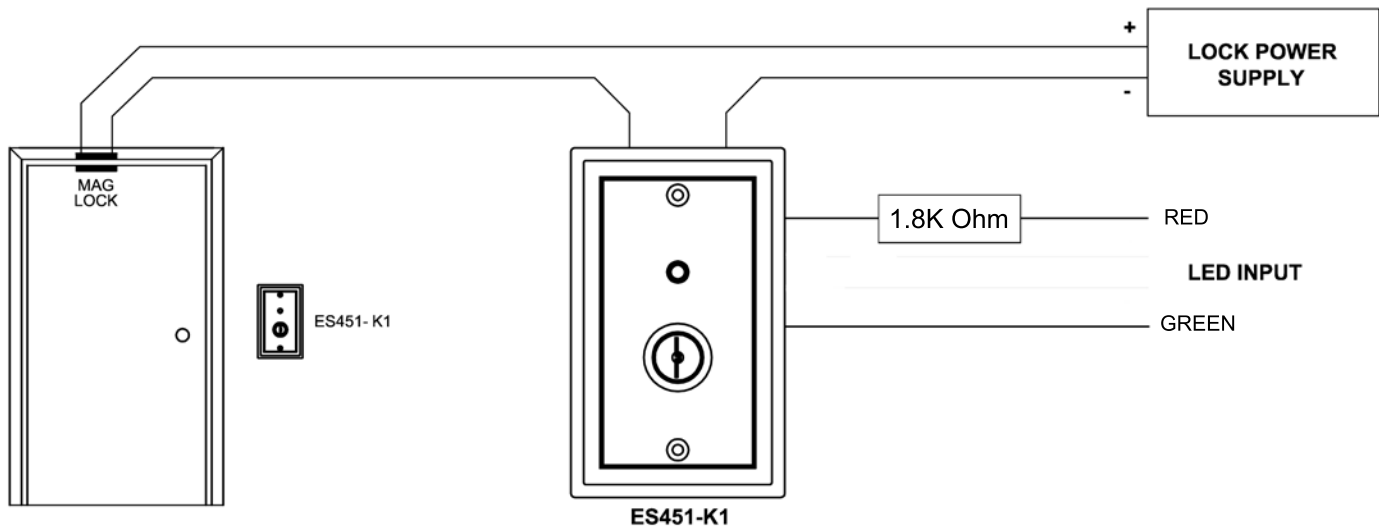


Designed Security, Inc.
ES451-K1 Application Note

Keyswitch Control Unit used to shunt a mag lock



ES451-K1 Keyswitch Control used to shunt a magnetic lock to gain entrance through a secured door

Specifications:

Model: ES451-K1
Keyswitch: Alternate Action SPST double bitted key
Dimensions: 2.80" W x 4.50" H x 2.00" D
Mounting: 1 gang stainless steel trim plate
 2.5" electrical box

Input: N/O contact, 2 Amp @ 30VDC

LED: Bi-Color Red/Green

Bi-Color LED polarity:

Red LED = Red + Green -

Green LED = Green + Red -

Note: Use current limiting (1.8K Ohm) resistor, unless used with

ES4200 or ES4300A LED output

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 Mounting: 1 gang stainless steel trim plate
 2.5" electrical box