

SKY-COMMAND: 8 Input Switch Interface

Low Voltage 8-Input Switch Interface for Scene and Device Control

FEATURES

- Connects to up to 8 switches or relays. This allows standard toggle or momentary contact switches, low voltage or latched occupancy sensors, and other devices to act as “triggers” for programmed scenes in the Amatis controls solution.
- “Button Hold Time” feature can be used for dimming control
- 24VDC input integrates easily into DC systems
- High efficiency polarity correction
- Fits in standard 1-gang box behind most switch options
- IPv6 wireless communication
- Acts as a repeater in the IPv6 mesh network
- Compatible with entire SKY family of products
- Ultra-low power consumption
- UL 2043 listed plastic enclosure. Suitable for use in air handling space
- Automatically populates to web-based configuration software

TECHNICAL SPECIFICATIONS

Electrical:

Input Voltage: 24VDC (polarity correcting)
Input Current: 100mA max
Inrush Current: 0A

Mechanical:

Plastic enclosure W=2" L=2.25" H=.875" Fixing Center= 2.625"
Fits behind most standard switches in 1 gang box

Communication:

Communications Protocol: IEEE 802.15.4
RF Range: 100ft to nearest node*
Frequency Band: 2.4Ghz
Antennae: Internal ceramic and whip antennae for diversity
Routing Protocol: 6LoWPAN

Standards and listings:

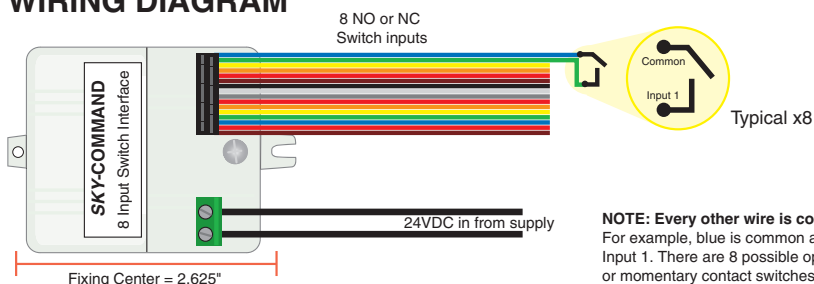
UL2043, FCC

Inputs:

8 normally open (NO) or normally closed (NC) switches or relays

* The range of each device is limited to 100 feet from the next device. Devices installed further away communicate through the mesh network to create an expansive communication territory.

WIRING DIAGRAM



NOTE: Every other wire is common.
For example, blue is common and green is Input 1. There are 8 possible open/closed or momentary contact switches.



For more information:

Nextek Power Systems
461 Burroughs Street
Detroit, Michigan 48202
www.nextekpower.com

Tel: 313-887-1321
Toll free: 1 (877) 24-VOLTS
Fax: 313-887-9433
info@nextekpower.com



Rev. 010814