Building Automation, Inc.

Wireless Lighting Controls

wiHUBB™ Smart Pack

KEY FEATURES

- Single or dual relay versions for On/Off or High/Low control
- Optional 0 – 10VDC interface for full range dimming control
- Plug-and-play support for wiHUBB occupancy sensors, daylight sensors and switch stations
- Device intelligently and automatically responds to sensors and switches in the most energy- efficient manner
- Schedules are held in the devices themselves – no need for a master scheduling device
- Monitors, measures, and records energy consumption and runtime data
- Retains data during power outages
- Robust & reliable 900MHz wireless self-organizing and self-healing mesh network
- Future-proof design – firmware updateable over the air
- FCC certified
- Five-year limited warranty

WIH-SP-2RD-1277

OVERVIEW

Hubbell Building Automation's wiHUBB™ Smart Pack is a self-contained intelligent wireless power pack. It contains either one or two independently-controlled outputs. The two output version can be used for High/Low or alternate circuit switching. An optional 0-10VDC output is also available for full range dimming control of dimmable ballasts and LED drivers. Each wiHUBB Smart Pack can control one or more circuits and can be individually controlled or grouped with other wiHUBB devices. The wiHUBB Smart Pack also features SmartPORT technology that provides plug-and-play support for wiHUBB occupancy sensors, daylight sensors and manual control switches. When devices are plugged into the SmartPORTs, the Smart Pack automatically and intelligently responds to the plugged-in devices to provide the most energy-efficient operation. The wiHUBB Smart Pack communicates securely via 900MHz radio frequency to other devices within the wiHUBB wireless self-organizing and self-healing mesh network.

SPECIFICATIONS

Electrical Ratings	• Input: 120/277VAC, 20A Max, 60Hz • Output*: 20A, Tungsten, 120VAC only 20A, Magnetic Ballast 16A, Electronic Ballast 1 H.P. Motor @120V, 3/4 H.P. @277V *For (2) relay models the maximum combined output of both relays: 20A Low Voltage Ports: • Class 2 • 24VDC, 150mA MAX (all outputs combined)
Optional Dimming Interface	• 0-10VDC, 30mA output • For use with low-voltage, two-wire dimming ballast and LED drivers.

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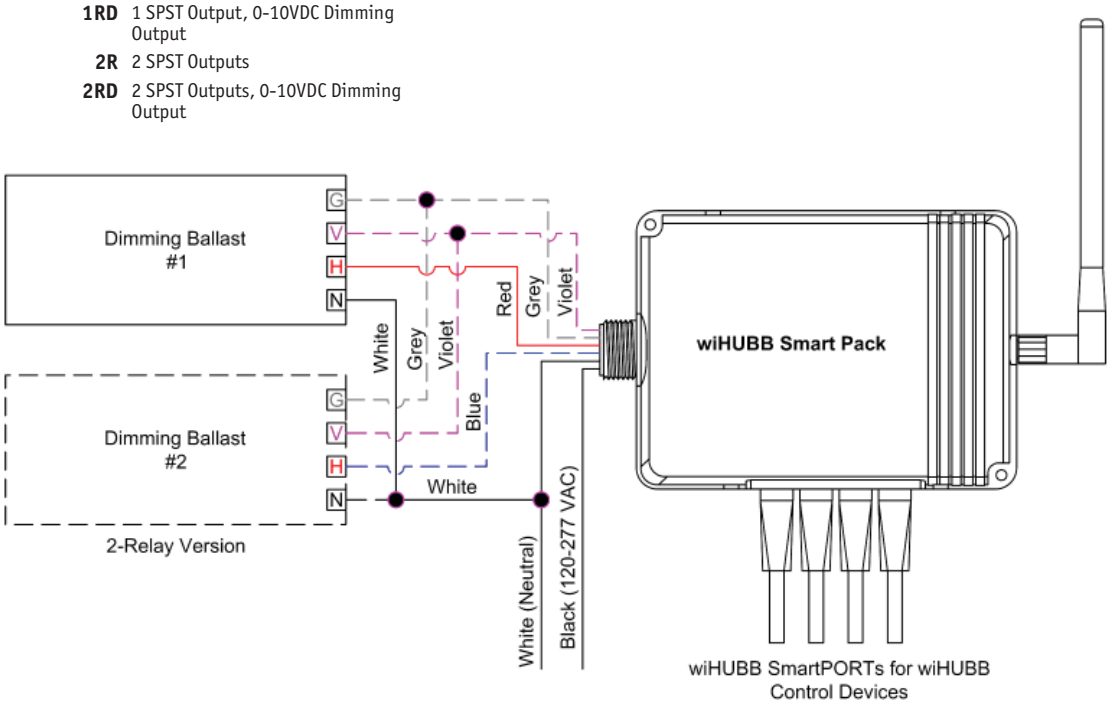
RF Frequency	• 902 - 928MHz • Wireless Peer-To-Peer, Self-Organizing and Self-Healing Mesh Network • Advanced Encryption Standard AES-128 Security • Spread Spectrum Frequency Hopping
RF Range	• Supported distance between wireless devices: 100 meters (328 feet) • Maximum Transmission Output Power: +20 dBm • Maximum Receive Sensitivity: -118 dBm
Operating Environment	• Operating Temperature: 0°C to +40°C • Relative humidity (non-condensing): 0 – 95%
Construction	• Housing: GSM UL Rated 94 HB Plastic
Plenum rated	• Complies with requirements for use in a plenum area • Plenum rated for external junction box mounting
Size and Weight	• Size: 5.75"L x 3.85"W x 1.30"H • Weight: 4 oz
Color	• Gray
Mounting	• Mounts directly to an external junction box through an extended ½" chase nipple.
Patents	• Patent(s) Pending
Certifications	• Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983 • FCC Certified • IC Approved
Warranty	• Five-year limited

HOW TO ORDER

MODEL	OUTPUT	INPUT VOLTAGE
WIH-SP	**1R** 1 SPST Output	**1277** 120/2777VAC
	1RD 1 SPST Output, 0-10VDC Dimming Output	
	2R 2 SPST Outputs	
	2RD 2 SPST Outputs, 0-10VDC Dimming Output	

WIRING DIAGRAM



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