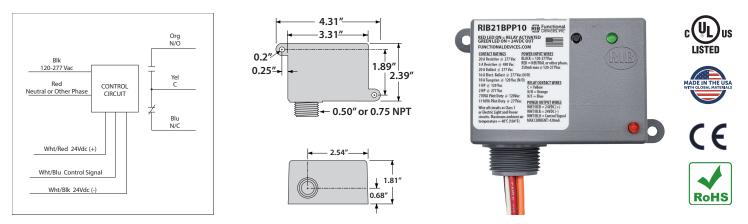


Functional Devices, Inc. 101 Commerce Drive Sharpsville, IN 46068 Confidence & Peace of Mind in Every Box[™] www.functionaldevices.com sales@functionaldevices.com Office: (765) 883-5538 Fax: (765) 883-7505 Toll Free: (800) 888-5538

POWER PACK

RIB21BPP10

Power Pack, 20 Amp SPDT + Momentary Push Button Override Switch, 120-277 Vac Universal Voltage Power Input, 10 Watt Class 2 Output, NEMA 1 Housing



SPECIFICATIONS

Expected Relay Life:	One (1) SPDT Continuous Duty Coil 10 million cycles minimum mechanical
Operating Temperature:	
	5 to 95% (noncondensing)
Operate Time:	1.8 Seconds
Relay Status:	Red LED On = Activated
	Green LED On = 24Vdc out
Dimensions:	2.30"H x 3.20"W x 1.80"D with .75" NPT hub
Origin:	Made of US and non-US parts
	16", 600V Rated
Approvals:	UL Listed, UL916, C-UL, CE, RoHS
Housing Rating:	UL Accepted for Use in Plenum, NEMA1
Gold Flash:	No
Momentary Override:	Yes

Contact Ratings:

20 Amp Resistive @ 277 Vac 5 Amp Resistive @ 480 Vac 20 Amp Ballast @ 277 Vac 16 Amp Electronic Ballast @ 277 Vac (N/O) 10 Amp Tungsten @ 120 Vac (N/O) 770 VA Pilot Duty @ 120 Vac (N/C) 100 VA Pilot Duty @ 277 Vac (N/C) 2 HP @ 277 Vac 1 HP @ 120 Vac

Power Input:

250 mA @ 120 -277 Vac

DC Output:

24 Vdc @ 420mA, Class 2

OCCUPANCY SENSOR APPLICATION

The RIB21BPP10 can be used to provide power to an occupancy sensor and control a lighting load based on the status of the occupancy sensor. The white/red and white/black wires can be used to power an occupancy sensor with 24Vdc. When the white/blue wire is connected to the white/red wire through the occupancy sensor contact, the relay will activate, switching the lighting load On or Off.

