



## Enclosed Power Control Centers

- Two 120 Vac grounded convenience outlets
- 4 or 10 Amp switch / circuit breaker
- Outlets can be continuously powered or controlled by the switch / circuit breaker
- True override switch on load side of relay
- Auxiliary outputs are provided for convenient control panel installations

## Track Mount Circuit Breaker Switches

- Track mount circuit breaker switches provide a convenient addition to control panels
- Circuits can be low voltage (24 Vac) or line voltage (120 Vac)

## Prepackaged Switches

- Standard configurations to provide simple switching schemes
- Labels can be ordered with custom content to fit your project

## UPS Interface

- Functional Devices provides a 550 VA commercial UPS along with an enclosure and an interface board, which allows the installer to hardwire line voltage to the provided UPS while giving the ability to hardwire the UPS to the final load.

### ENCLOSED POWER CONTROL CENTERS

MODEL #	UL	CONVENIENCE OUTLETS	SWITCH	CIRCUIT BREAKER	NOTES	SPEC PAGE
PSP2RB4	•	2, 120 Vac	On / Off	4 Amp		134
PSPW2RB4	•	2, 120 Vac	On / Off	4 Amp		134
PSP2RB10	•	2, 120 Vac	On / Off	10 Amp		134
PSPW2RB10	•	2, 120 Vac	On / Off	10 Amp		134

### TRACK MOUNT CIRCUIT BREAKER SWITCHES

MODEL #	UL	POWER INPUT	SWITCH	LED	CIRCUIT BREAKER	NOTES	SPEC PAGE
PSMN01SB4	•	120 Vac	On / Off	•	4 Amp		134
PSMN01SB10	•	120 Vac	On / Off	•	10 Amp		134
PSMN24SB4	•	24 Vac	On / Off	•	4 Amp		134
PSMN24SB10	•	24 Vac	On / Off	•	10 Amp		134

### PREPACKAGED SWITCHES

MODEL #	UL	ENCLOSED	TRACK MOUNT	CONVENIENCE OUTLETS	SWITCH	CIRCUIT BREAKER	NOTES	SPEC PAGE
PSMS1	•		•		5 A, Maintained 3 Position			135
SIB02S	•	•			20 A, Maintained 3 Position			135
SIB04S	•	•			20 A, Maintained 2 Position (On / On)			135
SIB05S	•	•			20 A, Maintained 2 Position (On / Off)			135
SIBLS	•	•			5 A, Maintained 3 Position			135

### UPS INTERFACE

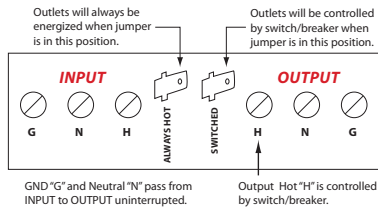
MODEL #	UL	ENCLOSURE	RELAY OUTPUT (STATUS)	UPS	CIRCUIT BREAKER	120 OUTLET	NOTES	SPEC PAGE
PSH550-UPS (Kit)	•	•		•	•	•		136
PSH2RB10	•	•			•	•		136
PSM2RB10	•				•	•		137
PSH550-UPS-STAT (Kit)		•	2	•	•	•		137
PSH2C2RB10	•	•	2		•	•		138
PSMN2C2RB10	•		2		•	•		138
PSH850-UPS-STAT (Kit)		•	2	•	•	•		139
PSH2C2RB10-L	•	•	2		•	•		139

UL = UL Listed : UL916 Energy Management; UL Listed Canada

## SWITCH / CIRCUIT BREAKER COMBOS

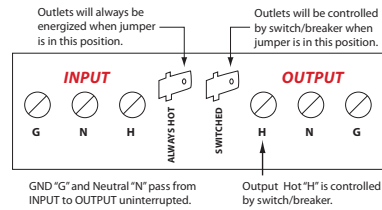
### PSPT2RB4

Enclosed Power Control Center, **4 Amp** Switch / Circuit Breaker, 120 Vac, 2 Outlets, **Terminals**



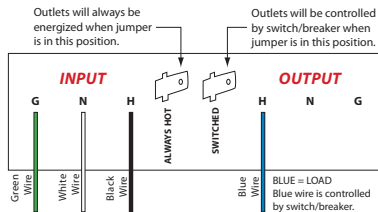
### PSPT2RB10

Enclosed Power Control Center, **10 Amp** Switch / Circuit Breaker, 120 Vac, 2 Outlets, **Terminals**



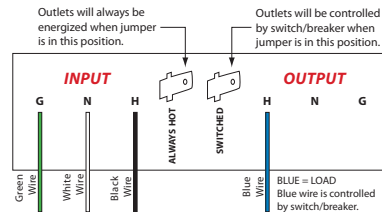
### PSPW2RB4

Enclosed Power Control Center, **4 Amp** Switch / Circuit Breaker, 120 Vac, 2 Outlets, **Wires**



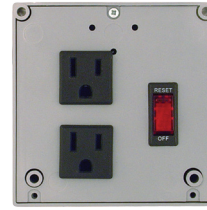
### PSPW2RB10

Enclosed Power Control Center, **10 Amp** Switch / Circuit Breaker, 120 Vac, 2 Outlets, **Wires**



### PSP SERIES

Model #	Circuit Breaker	Terminals	Wires
PSPT2RB4	4 Amps	•	
PSPT2RB10	10 Amps	•	
PSPW2RB4	4 Amps		•
PSPW2RB10	10 Amps		•



## SPECIFICATIONS

#### Operating

**Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Circuit Breaker:** 4 Amp Max. or 10 Amp Max.

**Dimensions:** 4.000" x 4.000" x 1.800"  
(w/ .500" NPT Nipple - PSPW2RB4 & PSPW2RB10)

**Wires:** 16", 600V Rated (PSPW2RB4 & PSPW2RB10)

**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

**Housing Rating:** UL Accepted for Use in Plenum, NEMA 1

**Terminals:** Ground "G" and Neutral "N" pass from INPUT to OUTPUT uninterrupted.  
OUTPUT (PSPT2RB4 & PSPT2RB10)  
Hot "H" is controlled by the switch/breaker.

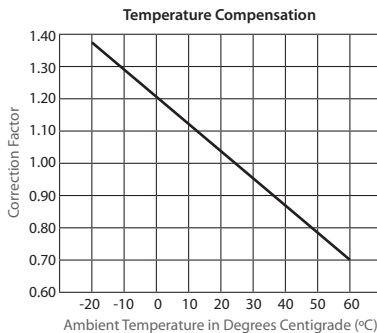
#### Notes:

- Indicator light will illuminate when switch/breaker is ON (RESET position) indicating power has been transferred from INPUT to OUTPUT by the switch/breaker. If it is desired for the indicator light to be illuminated continuously to indicate the presence of input (Line) power, INPUT and OUTPUT may be reversed -- connect input power from line to OUTPUT and connect output load to INPUT (operation of the jumpers above also reverses).

## PREPACKAGED CIRCUIT BREAKER SWITCHES

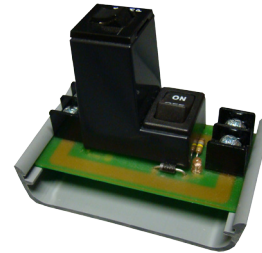
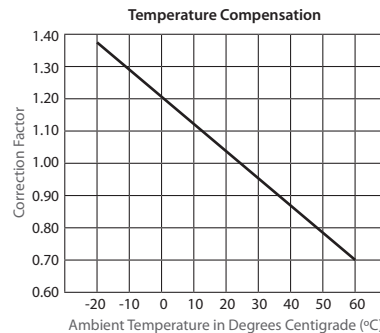
### PSMN01S SERIES

2.75" Track Mount Switch, 2 Position Maintained, On/Off, Circuit Breaker, **120 Vac**



### PSMN24S SERIES

2.75" Track Mount Switch, 2 Position Maintained, On/Off, Circuit Breaker, **24 Vac**



## SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Circuit Breaker:** 4 Amp and 10 Amp

**Dimensions:** 2.750" x 1.350" x 2.061"

**Track Mount:** MT212-2 Mounting Track Provided

**Approvals:** UL Listed, UL916, C-UL

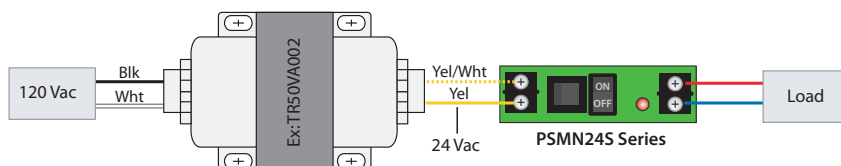
### PSMN01S SERIES

Model #	Circuit Breaker
PSMN01SB4	4 Amps
PSMN01SB10	10 Amps

### PSMN24S SERIES

Model #	Circuit Breaker
PSMN24SB4	4 Amps
PSMN24SB10	10 Amps

## OVER CURRENT / SHORT CIRCUIT PROTECTION AND SWITCHING



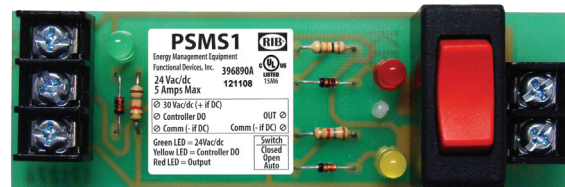
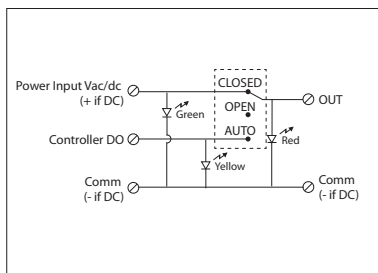
## PREPACKAGED SWITCH

### PSMS1

4.000" Track Mount Switch 5 Amp, 30 Vac/dc,  
3 Position Maintained



Meets  
"Buy American"  
of ARRA 2009



## SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Dimensions:** 1.275" x 4.000" x 1.750"

**Track Mount:** 4.000", See MT4 Series on page 152

**MT4 Mounting Track Sold Separately**

**Switch Status:** Green LED On = Power Input present

Yellow LED On = Controller DO ON

Red LED On = Output Signal ON

**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

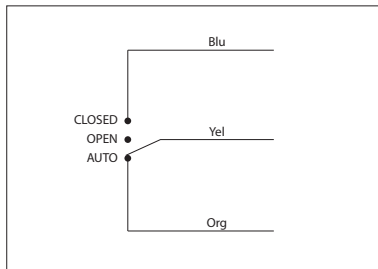
**Switch Ratings:**

5 Amp @ 30 Vac/dc

## PREPACKAGED SWITCHES

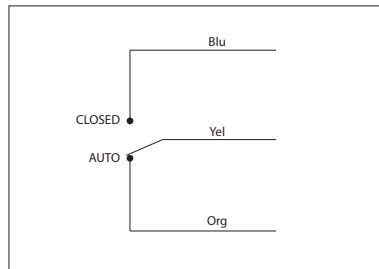
### SIB02S

Enclosed Switch **20 Amp, 3 Position** Maintained,  
On/Off/On



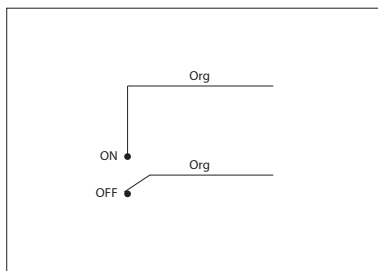
### SIB04S

Enclosed Switch **20 Amp, 2 Position** Maintained,  
On/On, **3 Wires**



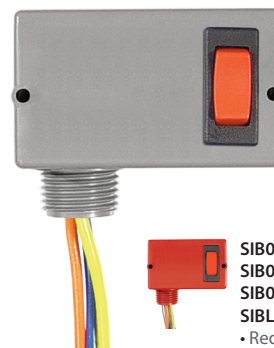
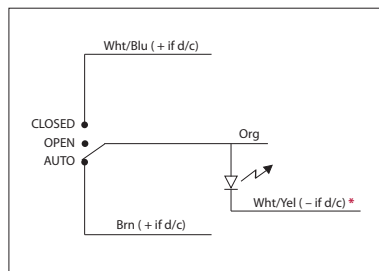
### SIB05S

Enclosed Switch **20 Amp, 2 Position** Maintained,  
On/Off, **2 Wires**



### SIBLS

Enclosed Switch **5 Amp, 30 Vac/dc, 3 Position**  
Maintained, On/Off/On **with LED Indicator**



SIB02S-RD  
SIB04S-RD  
SIB05S-RD  
SIBLS-RD  
• Red housing



Meets  
"Buy American"  
of ARRA 2009

POWER  
CONTROL

## SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Dimensions:** 1.700" x 2.800" x 1.500"  
(w/ .500" NPT Nipple)

**Wires:** 16", 600V Rated

**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

**Housing Rating:** UL Accepted for Use in Plenum,  
NEMA 1

**SIB02S, SIB04S, RIB05S**

**Switch Ratings:**

20 Amp Resistive @ 277 Vac  
1110 VA Pilot Duty @ 277 Vac  
770 VA Pilot Duty @ 120 Vac  
20 Amp Ballast @ 277 Vac  
10 Amp Tungsten @ 120 Vac  
2 HP @ 277 Vac  
1 HP @ 120 Vac

**SIBLS Switch Ratings:**

5 Amp @ 30 Vac/dc

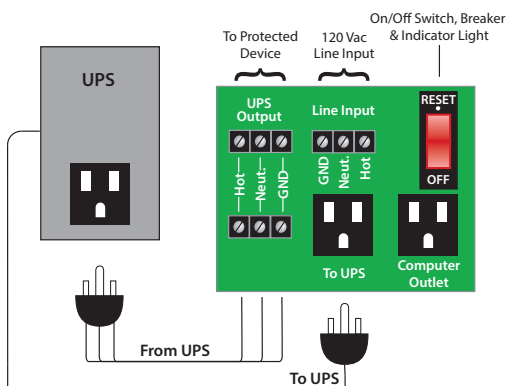
**Notes:**

- Switch position label can be custom printed according to your needs, simply consult factory
- Connection to Wht/Yel may be omitted if LED is not needed (SIBLS) \*

## UNINTERRUPTIBLE POWER SUPPLY KIT

### PSH550-UPS

Kit Consisting of Enclosed Power Control Center Model PSH2RB10 (10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input) with a 550 VA UPS. **(No Status Contacts)**



Shown  
Without  
Cover



Made in USA  
Meets  
"Buy American"  
of ARRA 2009

Shown  
With  
Cover



### SPECIFICATIONS

#### UPS

UPS: 550VA

Backup Time: 3 Min. @ Full 550 VA Load  
15 Min. @ 1/2 Load

Input: 120 Vac, 12 Amp

Output: 120 Vac, 4.6 Amp

Max Load: 330 Watt

Frequency: 50/60 Hz

Temperature Rating of UPS: 32 to 104° F

UPS Transfer Time: 6ms

Approvals: UL Listed, UL1778

#### PSH2RB10

Operating Temperature: -30 to 140° F

Humidity Range: 5 to 95% (noncondensing)

Main Breaker ON/OFF: Switch / Breaker (10 Amp)

Approvals: UL Listed, UL916, C-UL, CE, RoHS

Dimensions: 12.000" x 14.000" x 6.000"  
Metal Housing with Screw Cover

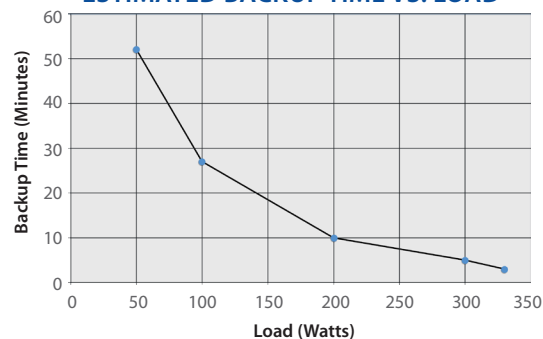
Shipping Weight:  
28 lbs.

Product Weight:  
22.5 lbs.

#### Notes:

- To order without UPS, so that any other commercial UPS with appropriate ratings and within housing space limitations may be used, see model PSH2RB10.
- To order interface board for replacement or for separate use, order model PSM2RB10.
- Average battery life: 3-5 years depending on the number of discharge cycles and environmental temperature

### ESTIMATED BACKUP TIME VS. LOAD

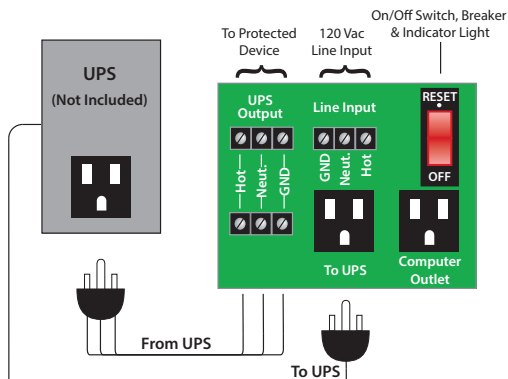


POWER  
CONTROL

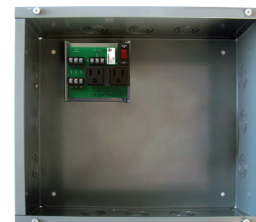
## ENCLOSED UPS INTERFACE MODULE

### PSH2RB10

Enclosed 4.00" Track Mount Power Control Center, 10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input. **(No Status Contacts)**



Shown  
Without  
Cover



Made in USA  
Meets  
"Buy American"  
of ARRA 2009

Shown  
With  
Cover



### SPECIFICATIONS

Operating Temperature: -30 to 140° F

Humidity Range: 5 to 95% (noncondensing)

Main Breaker ON/OFF: Switch / Breaker (10 Amp)

Approvals: UL Listed, UL916, C-UL, CE, RoHS

Dimensions: 12.000" x 14.000" x 6.000"  
Metal Housing with Screw Cover

Weight: 13.10 lbs.

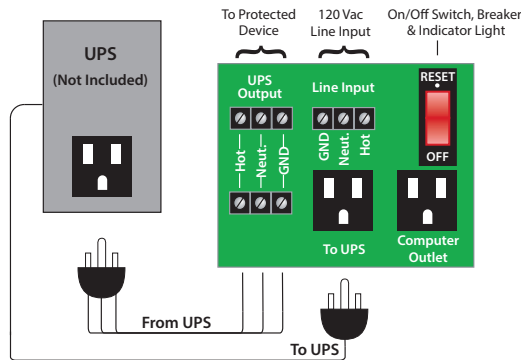
#### Notes:

- Track mounted interface board may be ordered separately as model PSM2RB10, to be used with any commercial UPS with appropriate ratings for the circuit breaker.
- Circuit breaker for short protection.
- 14/3 Line Cord included (3').
- Use with UPS devices rated 1000 VA or less.
  - Max. size: 12.000" x 7.250" x 5.500"
  - 120 Vac max., 600 W max., 8.3 Amp max.
- UPS is not included.

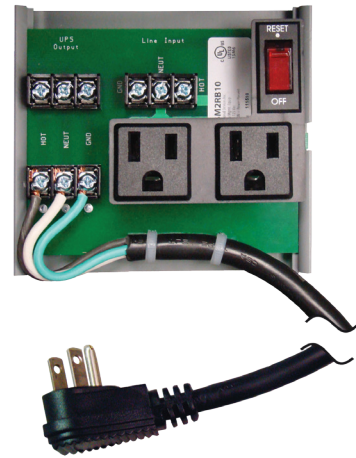
## UPS INTERFACE MODULE

### PSM2RB10

4.00" Track Mount Power Control Center, with 10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input. **(No Status Contacts)**



**BUY SEPARATELY  
AND PLACE IN  
AN ENCLOSURE  
OF YOUR CHOICE**



### SPECIFICATIONS

**Operating Temperature:** -30 to 140° F  
**Humidity Range:** 5 to 95% (noncondensing)  
**Main Breaker ON/OFF:** Switch / Breaker (10 Amp)  
**Dimensions:** 4.000" x 3.250" x 1.750"  
**Track Mount:** 3.250" x 4.000"  
 MT4-4N Mounting Track Included  
**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

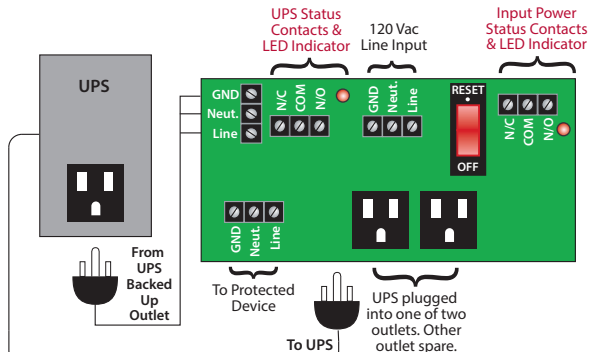
**Notes:**

- Circuit breaker for short protection.
- 14/3 Line Cord included (3').
- Use with UPS devices rated 1000 VA or less.
- UPS is not included.

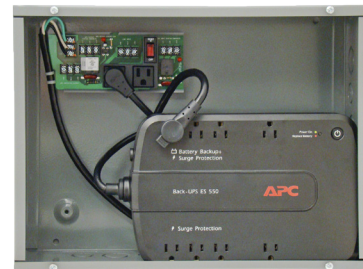
## UNINTERRUPTIBLE POWER SUPPLY IN KIT

### PSH550-UPS-STAT

Kit Consisting of Enclosed Power Control Center Model PSH2C2RB10 (10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input) with a 550 VA UPS. **(Status Contacts)**



Shown  
Without  
Cover



Shown  
With  
Cover



POWER  
CONTROL

### SPECIFICATIONS

**UPS**

- UPS:** 550VA
- Backup Time:** 3 Min. @ Full 550 VA Load  
15 Min. @ 1/2 Load
- Input:** 120 Vac, 12 Amp
- Output:** 120 Vac, 4.6 Amp
- Max Load:** 330 Watt
- Frequency:** 50/60 Hz
- Temperature Rating of UPS:** 32 to 104° F
- UPS Transfer Time:** 6ms
- Approvals:** UL Listed, UL1778
- Weight:** 12 lbs.

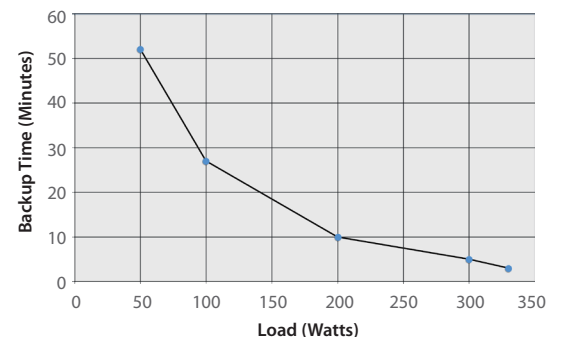
**Line Input Status Contacts and UPS Output Status Contacts Rated:**

- 10 Amp @ 277 Vac General Use
- 10 Amp @ 30 Vdc (N/O)
- 7 Amp @ 30 Vdc (N/C)
- 1/2 HP @ 125 Vac
- 1/4 HP @ 277 Vac
- 1000 VA @ 120 Vac Magnetic Ballast (N/C)
- C300 Pilot Duty
- 16.8 VA @ 24 Vac Pilot Duty

**Notes:**

- To order without UPS, so that any other commercial UPS with appropriate ratings and within housing space limitations may be used, see model PSH2C2RB10.
- To order interface board for replacement or for separate use, order model PSMN2C2RB10.
- Average battery life: 3-5 years depending on the number of discharge cycles and environmental temperature

### ESTIMATED BACKUP TIME VS. LOAD



**PSH2C2RB10**

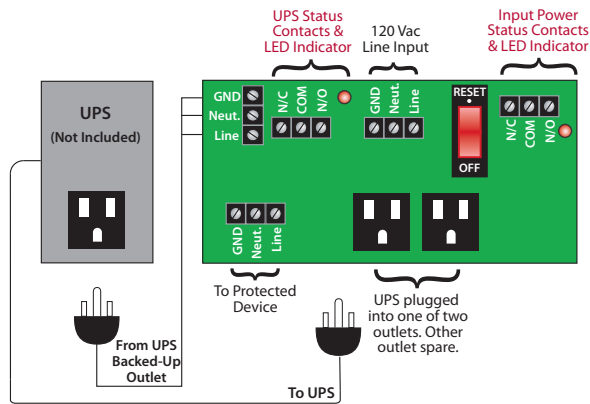
- Operating Temperature:** -30 to 140° F
- Humidity Range:** 5 to 95% (noncondensing)
- Main Breaker ON/OFF:** Switch / Breaker (10 Amp)
- Approvals:** UL Listed, UL916, C-UL, CE, RoHS
- Dimensions:** 12.000" x 16.000" x 6.000"  
Metal Housing with Screw Cover



## ENCLOSED UPS INTERFACE MODULE

### PSH2C2RB10

Enclosed 2.75" Track Mount Power Control Center, with 10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input. (Status Contacts)



Shown Without Cover



Shown With Cover



## SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Main Breaker ON/OFF:** Switch / Breaker (10 Amp)

**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

**Dimensions:** 12.000" x 16.000" x 6.000"

Metal Housing with Screw Cover

**Weight:** 14.14 lbs.

**Line Input Status Contacts and UPS**

**Output Status Contacts Rated:**

10 Amp @ 277 Vac General Use

10 Amp @ 30 Vdc N/O

7 Amp @ 30 Vdc N/C

1/2 HP @ 125 Vac

1/4 HP @ 277 Vac

100 VA @ 120 Vac Ballast N/C

C300 Pilot Duty

16.8 VA @ 24 Vac Pilot Duty

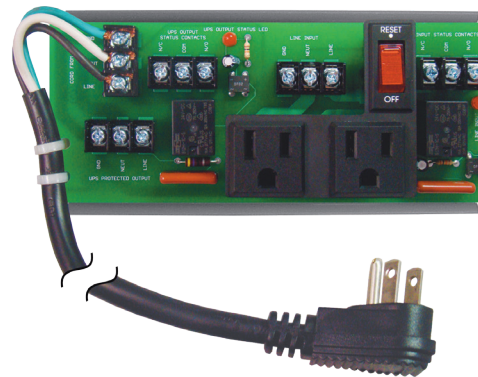
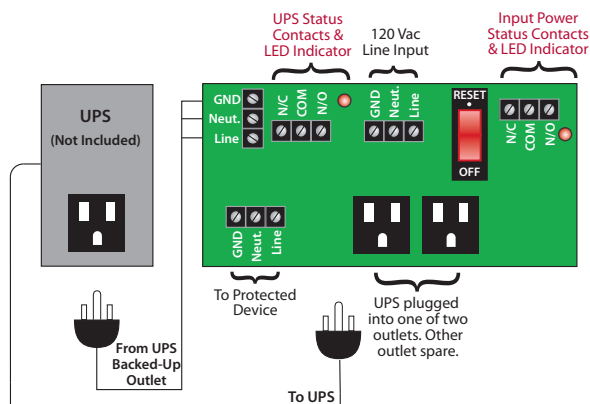
**Notes:**

- Track mounted interface board may be ordered separately as model PSMN2C2RB10, to be used with any commercial UPS with appropriate ratings for the circuit breaker.
- Circuit breaker for short-circuit protection.
- 14/3 Line Cord included (3').
- Use with UPS devices rated 1000 VA or less.
  - Max. size: 8.000" x 16.000" x 5.500"
  - 120 Vac max., 600 W max., 8.3 Amp max.
- UPS is not included.

## UPS INTERFACE MODULE

### PSMN2C2RB10

2.75" Track Mount Power Control Center, with 10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input. (Status Contacts)



**BUY SEPARATELY AND PLACE IN AN ENCLOSURE OF YOUR CHOICE**



## SPECIFICATIONS

**Operating Temperature:** -30 to 140° F

**Humidity Range:** 5 to 95% (noncondensing)

**Main Breaker ON/OFF:** Switch / Breaker (10 Amp)

**Dimensions:** 2.750" x 6.655" x 1.750"

**Track Mount:** 2.750" x 6.000"

MT212-6N Mounting Track Included

**Approvals:** UL Listed, UL916, C-UL, CE, RoHS

**Line Input Status Contacts and UPS**

**Output Status Contacts Rated:**

10 Amp @ 277 Vac General Use

10 Amp @ 30 Vdc N/O

7 Amp @ 30 Vdc N/C

1/2 HP @ 125 Vac

1/4 HP @ 277 Vac

100 VA @ 120 Vac Ballast N/C

C300 Pilot Duty

16.8 VA @ 24 Vac Pilot Duty

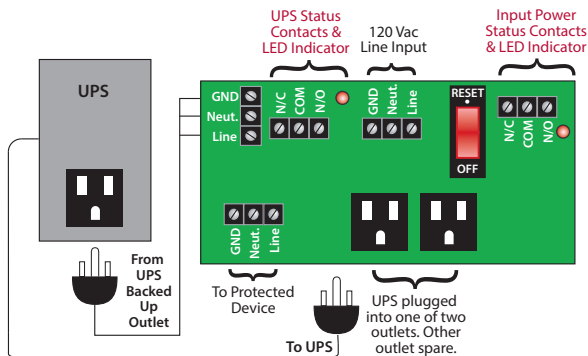
**Notes:**

- Circuit breaker for short-circuit protection.
- 14/3 Line Cord included (3').
- Use with UPS devices rated 1000 VA or less.
- UPS is not included.

## UNINTERRUPTIBLE POWER SUPPLY IN KIT

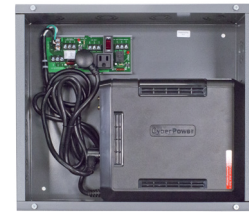
### PSH850-UPS-STAT

Kit Consisting of Enclosed Power Control Center Model PSH2C2RB10-L (10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input) with a 850 VA UPS. (Status Contacts)

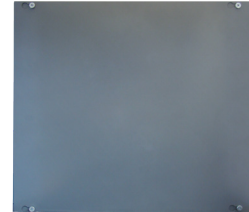


**SINUSOIDAL  
OUTPUT OR  
PURE SINE  
WAVE OUTPUT**

Shown  
Without  
Cover



Shown  
With  
Cover



## SPECIFICATIONS

### UPS

UPS: 850VA  
**Backup Time:** 2 Min. @ Full 850 VA Load  
 8 Min. @ 1/2 Load  
**Input:** 120 Vac, 12 Amp  
**Sine Wave Output:** 120 Vac, 7.1 Amp  
**Max Load:** 510 Watt  
**Frequency:** 50/60 Hz  
**Temperature Rating of UPS:** 32 to 95° F  
**UPS Transfer Time:** 10ms  
**Approvals:** UL Listed, UL1778  
**Weight:** 15 lbs.  
**Model:** Cyber Power Model 850PFLCD  
**PSH2C2RB10-L**  
**Operating Temperature:** -30 to 140° F  
**Humidity Range:** 5 to 95% (noncondensing)  
**Main Breaker ON/OFF:** Switch / Breaker (10 Amp)  
**Approvals:** UL Listed, UL916, C-UL, CE, RoHS  
**Dimensions:** 14.000" x 16.000" x 6.000"  
 Metal Housing with Screw Cover

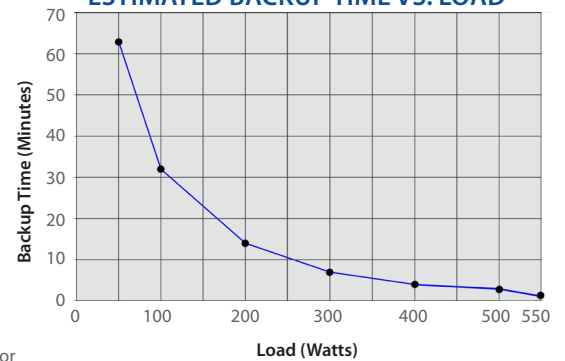
### Line Input Status Contacts and UPS Output Status Contacts Rated:

10 Amp @ 277 Vac General Use  
 10 Amp @ 30 Vdc (N/O)  
 7 Amp @ 30 Vdc (N/C)  
 1/2 HP @ 125 Vac  
 1/4 HP @ 277 Vac  
 1000 VA @ 120 Vac Magnetic Ballast (N/C)  
 C300 Pilot Duty  
 16.8 VA @ 24 Vac Pilot Duty

### Notes:

- To order without UPS, so that any other commercial UPS with appropriate ratings and within housing space limitations may be used, see model PSH2C2RB10-L.
- To order interface board for replacement or for separate use, order model PSMN2C2RB10.
- Typical battery life: 3-6 years, depending on number of discharge/recharge cycles

### ESTIMATED BACKUP TIME VS. LOAD

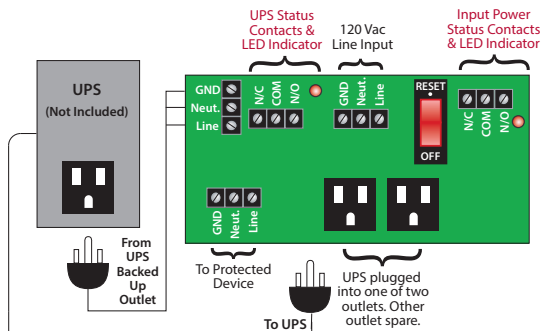


**POWER  
CONTROL**

## ENCLOSED UPS INTERFACE MODULE

### PSH2C2RB10-L

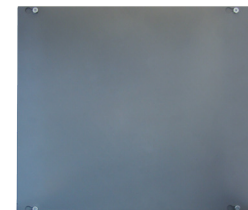
Enclosed 2.75" Track Mount Power Control Center, with 10 Amp Switch / Circuit Breaker, Two (2) 120 Vac Outlets, Terminals, 120 Vac Input. (Status Contacts)



Shown  
Without  
Cover



Shown  
With  
Cover



## SPECIFICATIONS

**Operating Temperature:** -30 to 140° F  
**Humidity Range:** 5 to 95% (noncondensing)  
**Main Breaker ON/OFF:** Switch / Breaker (10 Amp)  
**Approvals:** UL Listed, UL916, C-UL, CE, RoHS  
**Dimensions:** 14.000" x 16.000" x 6.000"  
 Metal Housing with Screw Cover  
**Weight:** 14.76 lbs.

### Line Input Status Contacts and UPS Output Status Contacts Rated:

10 Amp @ 277 Vac General Use  
 10 Amp @ 30 Vdc N/O  
 7 Amp @ 30 Vdc N/C  
 1/2 HP @ 125 Vac  
 1/4 HP @ 277 Vac  
 1000 VA @ 120 Vac Magnetic Ballast N/C  
 C300 Pilot Duty  
 16.8 VA @ 24 Vac Pilot Duty

### Notes:

- Track mounted interface board may be ordered separately as model PSMN2C2RB10, to be used with any commercial UPS with appropriate ratings for the circuit breaker.
- Circuit breaker for short-circuit protection.
- 14/3 Line Cord included (3').
- Use with UPS devices rated 1000 VA or less.
  - Max. size: 14.000" x 10.000" x 5.500"
  - 120 Vac, 600 W max., 8.3 Amp max.
- UPS is not included.
- To order a kit with a UPS, see PSH850-UPS-STAT.

