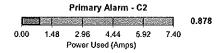


System Current Draw - NFS2-640

То	tal Current
C1	1.598 A
C2	0.878 A
C3	1.560 A
C4	0.918 A

Primary Non-Alarm - C1									
						1.598			
0.00	0.88	1.76	2.64	3.52	4.40				
	F	ower U	sed (Am	os)					



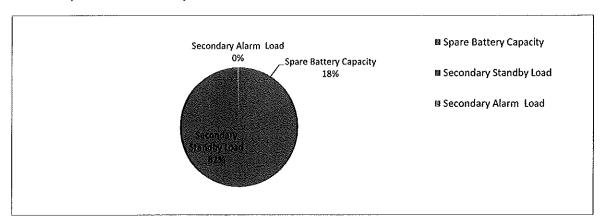
	*******	31 -	Primary No	n-Alarm C2 - Primary Ala			Alarm C3 - Secondary		Non-Alarm			
Device	Qty		Draw	Total	Qty		Draw	Total	Qty		Draw	Total
CPU2-640	1	х	0.25000	0.25000	1	х	0.25000	0.25000	1	х	0.25000	0.25000
CPS-24	1	x	0.00000	0.00000	1	х	0.00000	0.00000	1	х	0.04000	0.04000
SLC1 Device Activation Current	1	х	0.40000	0.40000	1	x	0.40000	0.40000	1	х	0.40000	0.40000
FDU-80	2	x	0.06400	0.12800	2	х	0.06400	0.12800	2	х	0.02500	0.05000
CO1224T	39	x	0.02000	0.78000	$\geq \!$		$\geq \leq$	><	39	х	0.02000	0.78000
UDACT	1	х	0.04000	0.04000	1	x	0.10000	0.10000	1	х	0.04000	0.04000
	Total Non- Alarm Load:		1.598	Total Alarm Load		oad: 0.878		Γot	al Standby Load:	1.560		

Device	Qty		Draw	Total
Total Primary Alarm Load - C2	1		0.878	0.878
CPS-24	1	х	0.040	0.040
NCA2 - Backlight Off with loss of AC	0	х	-0.200	
APS-6R Power Supplies	\sim		0.000	
APS2-6R Power Supplies	$\supset <$		0.000	
ACPS-610 Power Supplies	$\triangleright <$] .	0.000	
FCPS-24S6 Power Supplies	$\supset <$		0.000	
FCPS-24S8 Power Supplies	$\triangleright <$		0.000	
HPFF8 Power Supplies	ightharpoonup		0.000	
HPFF12 Power Supplies	\supset		0.000	
DAA2 Series	\times		0.000	
DAX Series	$\triangleright <$		0.000	
DAA Series	_><		0.000	
DS-DB	$\supset <$	H	0.000	
FireVoice Panels	_><		0.000	
FireVoice Distributed Audio Panels	$\supset <$		0.000	
XPIQ			0.000	
AA-30	0	х	3.000	
AA-120	0	х	7.300	
Other Power Supply	0	X	0.000	
Other Power Supply	0	х	0.000	

NOTIFIE by Honeywell	R° S	ystem Power Requir	ements	restationer setting Control of the Control
	Notifier NFS2-6	640 Fire Alarm Control Panel		
Protected Pre	mises: <u>Seaside Rehab and Hea</u> 850 Baxter Blvd	althcare	Date: <u>1/17/2</u>	2013
City:	Portland	State: Maine	Zip:	
Prepared By:	Norris Inc.		Phone:	
Address:	2257 West Broadway	Email:		
City:	South Portland	State: Maine	Zip: <u>0410</u> 6	3
	Current Requirements d by source to power the fire alar	5.00 AMPS @ 120 V	AC	
Primary Star Current load on non-alarm cond	the primary power supply during	1.60 Amps		
Primary Alar Current load on alarm condition	the primary power supply during	0.88 Amps		
•	oad Requirements y Load from the calculation table	45.20 Amp Hours below.		
	Current Draw	Time (ho	urs) Tota	I (AH)
Sec	ondary Standby Load	Required Stan	· · · · · · · · · · · · · · · · · · ·	
	1.560 A	X 24 hou	The second secon	7.44
Se	condary Alarm Load	Required Alar	rm Time	
	0.918 A	x 0.250 ho	urs ().23
				7.67
				1.2
	Se	econdary Load Requirements (/	Amp Hours) 4	5.20 AH
Battery Select Select batteries	ction from the list below.	55 Amp Hours		
55 AH BAT-125	50 Battery (12 volt)			
[♠] Two	← Four (two 12VDC sets in par	rallel)		

Battery Distribution Chart

Shows amp-hour distribution of your selections.



Comments

- 1. Battery size exceeds FACP capacity. BB-55 or other external battery box
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (55AH) are within the charger range of this power supply (18-200AH).

Spare Battery Capacity	9.80	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	44.93	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	0.28	Secondary Alarm Load (AH) * Derating Factor



System Current Draw - FCPS-24s8

Total Current
C1 0.091 A
C2 3.338 A
C3 0.065 A

Select devices using the "Qty" column.
Use yellow cells to enter quantities and current values.
To show only selected devices, select "Show Selected Devices".
To clear selected devices, select "Clear Selections".

A STATE OF THE STA	Primary No	n-Alarm	C2 - Primary Alarm			C3 - Secondary Non-Alarm						
Device	Qty		Draw	Non-Alarm	Qty	: 3	Draw	Alarm	Qty		Draw	Non-Alarm
FCPS-24S8 Main Circuit Board	1	Х	0.09100	0.09100	1	х	0.14500	0.14500	1	х	0.06500	0.06500
HSR15	22	х	0.00000	0.00000	22	х	0.08200	1.80400	22	x	0.00000	0.00000
STR15	19	х	0.00000	0.00000	19	х	0.05700	1.08300	19	x	0.00000	0.00000
HSR30	3	х	0.00000	0.00000	3	х	0.10200	0.30600	3	х	0.00000	0.00000
Total Non- Alarm Load:				0.091	Tota	al Ai	larm Load:	3.338	Total	Sta	ndby Load:	0.065

NOT: FIEH' by Honeywell Protected Premise Address: 85

System Power Requirements

FCPS-24s8 Power Supply

Protected Pre	mises: Seaside Rehab and	Healthcare FCPS 1st floor	Date:
Address:	850 Baxter Blvd		
City:	Portland	State: Maine	Zip:
Prepared By:	Norris Inc		Phone:
Address:	2257 West Broadway	Ema	il:
City:	South Portland	State: Maine	Zip: 04106

AC Branch Current Requirements

3.20 AMPS @ 120 VAC

Current required by source to power the fire alarm system

Primary Standby Load

0.09 Amps

Current load on the primary power supply during non-alarm conditions.

Primary Alarm Load

3.34 Amps

Current load on the primary power supply during alarm conditions.

Secondary Load Requirements

2.87 Amp Hours

Total Secondary Load from the calculation table below.

Current Draw		Time (hours)	Total (AH)					
Secondary Standby Load	х	Required Standby Time						
0.065 A	^	24 hours	1.56					
Secondary Alarm Load	v	Required Alarm Time (hours)						
3.338 A	×	0.250 hours	0.83					
		Total Secondary Load	2.39					
	Derating factor							
	Ś	econdary Load Requirements	2.87					

Battery Selection

7 Amp Hours

Select batteries from the list below.

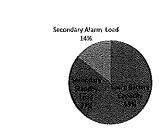
7 AH BAT-1270 Battery (12 volt)

⊕ Two

← Four (two 12VDC sets in parallel)

Battery Distribution Chart

Shows amp-hour distribution of your selections.



- Spare Battery Capacity
- Secondary Standby Load
- B Secondary Alarm Load

Comments

- Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (7AH) are within the charger range of this power supply (7-18AH).

Spare Battery Capacity		Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load		Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	1.00	Secondary Alarm Load (AH) * Derating Factor



System Current Draw - FCPS-24s8

Total Current
C1 0.091 A
C2 3.298 A
C3 0.065 A

Select devices using the "Qty" column.
Use yellow cells to enter quantities and current values.
To show only selected devices, select "Show Selected Devices".

To close	entantad	dovices	calast	"Close	Selections"	
TO CIERL	· seiectea	aevices.	select	Clear	Selections"	

114175	C	1 -	Primary No	n-Alarm		C2	- Primary	Alarm	C:	3 - S	econdary N	lon-Alarm
Device	Qty		Draw	Non-Alarm	Qty		Draw	Alarm	Qty		Draw	Non-Alarm
FCPS-24S8 Main Circuit Board	1	х	0.09100	0.09100	1	х	0.14500	0.14500	1	x	0.06500	0.06500
HSR15	24	х	0.00000	0.00000	24	х	0.08200	1.96800	24	x	0.00000	0.00000
STR15	19	х	0.00000	0.00000	19	х	0.05700	1.08300	19	х	0.00000	0.00000
HSR30	1	х	0.00000	0.00000	1	х	0.10200	0.10200	1	х	0.00000	0.00000
Total Non- Alarm Load:			1 0.091	Total Alarm Load:			3.298	Total Standby Load:		0.065		

(I) NOTIFIER' **System Power Requirements** by Honeywell FCPS-24s8 Power Supply Protected Premises: Seaside Rehab and Healthcare FCPS 2nd floor Date: 850 Baxter Blvd Address: Portland State: Maine Zip: Prepared By: Norris Inc Phone: Address: 2257 West Broadway Email: City: South Portland State: Maine Zip: 04106 3.20 **AC Branch Current Requirements** AMPS @ 120 VAC Current required by source to power the fire alarm system. 0.09 Amps **Primary Standby Load** Current load on the primary power supply during non-alarm conditions. 3.30 Amps Primary Alarm Load Current load on the primary power supply during alarm conditions. Secondary Load Requirements 2.86 Amp Hours Total Secondary Load from the calculation table below. **Current Draw** Time (hours) Secondary Standby Load Required Standby Time х 0.065 A 24 hours 1.56 Secondary Alarm Load Required Alarm Time (hours) 3.298 A 0.250 hours 0,82 Total Secondary Load 2,38 Derating factor x 1.2 Secondary Load Requirements 2.86 **Battery Selection**

Amp Hours

Select batteries from the list below.

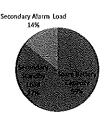
7 AH BAT-1270 Battery (12 volt)

⊕ Two

○ Four (two 12VDC sets in parallel)

Battery Distribution Chart

Shows amp-hour distribution of your selections.



- Spare Battery Capacity
- Secondary Standby Load
- Secondary Alarm Load

Comments

- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (7AH) are within the charger range of this power supply (7-18AH).

Spare Battery Capacity	4.14	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	1.87	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load		Secondary Alarm Load (AH) * Derating Factor