

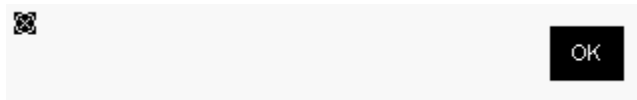
1413_CAP_V3

Cap Bank

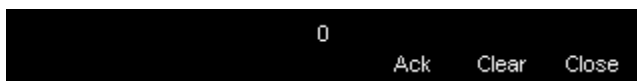
SCREEN REPORT

Screen Shots

Diagnostics



Alarm Banner



Overview Summary

Overview Summary

kV	*****	1	Off	6	Off
		2	Off	7	Off
kVAR	*****	3	Off	8	Off
		4	Off	9	Off
PF	*****	5	Off	10	Off

Menu	Bank Status	PF Summary
PM#1 Data	Extended Status	Alarm Summary

Navigation/Menu

Navigation/Menu

Overview	Configuration	Alarm Summary
	Extended Config 1	Restore Defaults
Extended Status	Extended Config 2	Reset Counters
PF Summary	Step Control	Revision Info
PM#1 Data	Operating Mode	ADMIN Screen
PM#2 Data	Auto Detect KVAR	
PM#3 Data	Test Mode	
PM#4 Data		

Bank Status

Prev	Bank Status									
	1	2	3	4	5	6	7	8	9	10
Auto/Manual Mode	M	M	M	M	M	M	M	M	M	M
Manual Command Status	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Step Status	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Discharge Status										
Alarm Status										
Menu		Extended Status				Step Control				
PF Summary		Alarm Summary				Operating Mode				

Power Factor Summary

Prev	Power Factor Summary				
	PM#1	PM#2	PM#3	PM#4	Net
kV	.0	.0	.0	.0	.0
kVAR	.0	.0	.0	.0	.0
PF%	.0	.0	.0	.0	.0
Power Factor Note: "-"= Lag, "+"=Lead;					
Menu		Bank Status		PM#1 Data	
PM#2 Data		PM#3 Data		PM#4 Data	

PM#1 Data

Prev	Power Monitor #1 Data			
	Ph A	Ph B	Ph C	Total
Amps	.0	.0	.0	
V L-L	0	0	0	
kW	0	0	0	0
kVAR	0	0	0	0
PF	.0	.0	.0	.0
Freq (Hz)				.0
Menu		Bank Status		PF Summary
PM#2 Data		PM#3 Data		PM#4 Data

PM#2 Data

Prev	Power Monitor #2 Data			
	Ph A	Ph B	Ph C	Total
Amps	.0	.0	.0	
V L-L	0	0	0	
kW	0	0	0	0
kVAR	0	0	0	0
PF	.0	.0	.0	.0
	Freq (Hz)			.0
Menu		Bank Status		PF Summary
PM#1 Data		PM#3 Data		PM#4 Data

PM#3 Data

Prev	Power Monitor #3 Data			
	Ph A	Ph B	Ph C	Total
Amps	.0	.0	.0	
V L-L	0	0	0	
kW	0	0	0	0
kVAR	0	0	0	0
PF	.0	.0	.0	.0
	Freq (Hz)			.0
Menu		Bank Status		PF Summary
PM#1 Data		PM#2 Data		PM#4 Data

PM#4 Data

Prev	Power Monitor #4 Data			
	Ph A	Ph B	Ph C	Total
Amps	.0	.0	.0	
V L-L	0	0	0	
kW	0	0	0	0
kVAR	0	0	0	0
PF	.0	.0	.0	.0
	Freq (Hz)			.0
Menu		Bank Status		PF Summary
PM#1 Data		PM#2 Data		PM#3 Data

Alarm Summary

Prev		Alarm Summary			
▶	Alarm Message	Val	Time	Date	
	Alarm Message	Tri*	Occurrenc*	Occurrenc*	
Clear PLC Alarm		▲	▼	◀	Clear HMI Alarms
Menu		Bank Status		PF Summary	
PM#1 Data		Extended Status		Configuration	

Configuration

Prev		Configuration				Steps in kVAR	
Num Steps 1-10	#Active	1		6			
	0	2		7			
Num PMs 1-4	Discharge Time	3		8			
		4		9			
Lag kVAR Band	Lead kVAR Band	5		10			
Manual		Init kVAR Buf					
Note: "Num Steps" disable steps above Configured!							
Menu		Extended Config 1		Extended Config 2			
Auto Detect kVAR		Operating Mode		Step Control			

Extended Status

Prev		Extended Status					
Measured kVAR				Stage Counters			
1	.0	6	.0	1	0	6	0
2	.0	7	.0	2	0	7	0
3	.0	8	.0	3	0	8	0
4	.0	9	.0	4	0	9	0
5	.0	10	.0	5	0	10	0
Menu		Bank Status		PF Summary			
		Reset Counters		Step Control			

Extended Config 1

Extended Configuration 1		
Prev	Nominal Volts	Volt Scale (1/10/100/1000)
		PF Timer
	Volt Range %	Meas. Bus Volts
		0
Hi Limit	Hi Lim Timer Preset	Volts Inrange Timer
0		
Lo Limit	Lo Lim Timer Preset	
0		
Menu	Configuration	Extended Config 2
Restore Defaults	Operating Mode	Step Control

Extended Config 2

Extended Configuration 2		
Prev	Samples to Avg	Input Mode
		Disabled
kVAR Tol. (%)		PM Read Interval (mSec)
	Reset Inputs	0
kVAR Tol Timer Preset		
	kVAR Tolerance	
PM Password	Enabled	
Menu	Configuration	Extended Config 1
Restore Defaults	Operating Mode	Step Control

Confirm Reset

Reset Stage Counters		
Prev	Reset Counters	
Menu	Bank Status	Extended Status
PM#1 Data	Alarm Summary	Configuration

Auto Detect kVAR

Prev Auto Detect Capacitor Effective kVAR

1) Place System in Manual Mode
2) Turn Steps to be Configured OFF
3) Place Steps to be Configured in Auto

Operating Mode

Step Control

Never Been Configured

of Samples
0

Samples Taken
0

Auto Detect Cap Size

of Steps
0

Config. Step
0

Menu	Configuration	Bank Status
PF Summary	PM#1 Data	Extended Status

Step Control

Prev Step Auto/Manl Select & Manual Control

	1	2	3	4	5	6	7	8	9	10
A	M	M	M	M	M	M	M	M	M	M
U	M	M	M	M	M	M	M	M	M	M
T	M	M	M	M	M	M	M	M	M	M
O	M	M	M	M	M	M	M	M	M	M
M	0	0	0	0	0	0	0	0	0	0
A	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
N	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
L	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
S	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
T	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
A	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
T	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
U	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
S	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF

Menu	Bank Status	Extended Status
PM#1 Data	Alarm Summary	Configuration

Operating Mode

Prev Operating Mode

Select Cap Bank Control Mode

Manual
FILO
Balanced
Best Fit

Manual

Menu	Bank Status	PF Summary
PM#1 Data	Step Control	Configuration

Test Mode

Prev		<u>Test Mode</u>			
Test Mode		Test Volts	Test kVA	Test kVAR	
Disabled					
		1	Off	6	Off
		2	Off	7	Off
		3	Off	8	Off
		4	Off	9	Off
		5	Off	10	Off
kW	.0				
kVAR	.0				
PF	.0				
Menu		Bank Status		Extended Status	
PF Summary		Alarm Summary		Configuration	

Rev Info

Prev		<u>Revision Info</u>
Bulletin:	<input type="text" value="0"/>	
Firmware Rev:	<input type="text" value="0"/>	
Menu		

Restore Defaults

Prev		<u>Confirm Restore Defaults</u>
Yes		
Warning: This will restore all settings/configs to factory defaults. You will lose current settings.		
Menu		

ADMIN

Prev	ADMIN			
example:	192	168	254	63
PM1:				
PM2:				
PM3:				
PM4:				
Powermonitor1000 must be configured with IP addr in Controller network segment. Wiring Chk perform wiring diag; If Wiring Status returns other than Pass, Consult User Manual for wiring correction.				
Config IP	PM1	PM2	PM3	PM4
Wiring Chk	Pass	Pass	Pass	Pass
Menu		Configuration	Goto Config	