

S6000 IO/P Menu Structure

Protection

Short Circuit

Enabled [v]	
Trip Level	250%
Delay	100 ms
PDelay	100 ms

Overcurrent

Enabled [v]	
Trip Level	100%
Delay	5.0 s
PDelay	5.0 s

Overload

Enabled [v]	
Trip Level	100%
Delay	5.0 s
PDelay	5.0 s
Mode	Phase (o) Sum ()

Reverse Power

Enabled [v]	
Trip Level	-2%
Delay	5.0 s
PDelay	5.0 s
Mode	Phase (o) Sum ()

Excitation Loss

Enabled [v]	
Trip Level	-50%
Delay	5.0 s
PDelay	5.0 s
Mode	Phase (o) Sum ()

Voltage Establish

Enabled []	
Lower Trip Level	70%

	Upper Trip Level	130%
	PDelay	2.0 s
	Delay	2.0 s
Freq. Establish	Enabled []	
	Lower Trip Level	70%
	Upper Trip Level	130%
	Lower Delay	2.0 s
	Upper Delay	2.0 s
Load Trip		
	Non Essential 1	
	Enabled [v]	
	Frequency (o)	
	Power ()	
	Current ()	
	Trip Level	80%
	<i>Hysteresis</i>	10%
	Delay	10.0 s
	<i>Mode</i>	
	Phase (o)	
	Sum ()	
	Non Essential 2	
	Enabled [v]	
	Frequency (o)	
	Power ()	
	Current ()	
	Trip Level	90%
	<i>Hysteresis</i>	10%
	Delay	10.0 s
	<i>Mode</i>	
	Phase (o)	
	Sum ()	
I/O & Relays		
	Alarm Relay	
	Sys (o)	
	Sys+Prot ()	
	CB Trip Relay	
	ND ()	
	NE (o)	
	NE1 Trip Relay	
	ND (o)	
	NE ()	
	Latch Relay [v]	

	<i>Reset Delay</i>	1 s
NE2 Trip Relay	ND (o)	
	NE ()	
	Latch Relay [v]	
	<i>Reset Delay</i>	1 s
Unload Trip	CB Trip Relay (o)	
	Aux I/O 2 ()	
Analogue Outputs		
Output 1	Source	
	U12 ()	
	U23 ()	
	U31 ()	
	U1N ()	
	U2N ()	
	U3N ()	
	I1 ()	
	I2 ()	
	I3 ()	
	Ia1 ()	
	Ia2 ()	
	Ia3 ()	
	P1 ()	
	P2 ()	
	P3 ()	
	P (o)	
	Ir1 ()	
	Ir2 ()	
	Ir3 ()	
	Q1 ()	
	Q2 ()	
	Q3 ()	
	Q ()	
	PF1 ()	
	PF2 ()	
	PF3 ()	
	PF ()	
	VA1 ()	
	VA2 ()	
	VA3 ()	
	VA ()	
	f ()	
	Voltage (o)	
	Current ()	
	Source Min	-10.0 %
	Source Max	100.0%
	<i>Volt Min</i>	-1.000 VDC
	<i>Volt Max</i>	10.000 VDC

Current Min
 4.000 mA
Current Max
 20.000 mA
 Output 2
 Source
 U12 ()
 U23 ()
 U31 ()
 U1N ()
 U2N ()
 U3N ()
 I1 ()
 I2 ()
 I3 ()
 Ia1 ()
 Ia2 ()
 Ia3 ()
 P1 ()
 P2 ()
 P3 ()
 P ()
 Ir1 ()
 Ir2 ()
 Ir3 ()
 Q1 ()
 Q2 ()
 Q3 ()
 Q (o)
 PF1 ()
 PF2 ()
 PF3 ()
 PF ()
 VA1 ()
 VA2 ()
 VA3 ()
 VA ()
 f ()
 Voltage (o)
 Current ()
 Source Min
 -10.0 %
 Source Max
 100.0 %
Volt Min
 -1.000 VDC
Volt Max
 10.000 VDC
Current Min
 4.000 mA
Current Max
 20.000 mA
 Output 3
 Source
 U12 ()
 U23 ()

U31 ()
 U1N ()
 U2N ()
 U3N ()
 I1 ()
 I2 ()
 I3 ()
 Ia1 ()
 Ia2 ()
 Ia3 ()
 P1 ()
 P2 ()
 P3 ()
 P ()
 Ir1 ()
 Ir2 ()
 Ir3 ()
 Q1 ()
 Q2 ()
 Q3 ()
 Q ()
 PF1 ()
 PF2 ()
 PF3 ()
 PF (o)
 VA1 ()
 VA2 ()
 VA3 ()
 VA ()
 f ()

Voltage (o)
 Current ()
 Source Min
 0.0 %
 Source Max
 100.0 %
 Volt Min
 0.000 VDC
 Volt Max
 10.000 VDC
 Current Min
 4.000 mA
 Current Max
 20.000 mA

System

Nominal Voltage
 400.0 VAC
 Prim Voltage
 400 VAC
 Gen Max Current
 60.6 A
 CT Prim Current
 100.0 A
 Rated Frequency
 50.0 Hz
 Neutral Connection

No (o)
Yes ()
Load Calculation
Current (o)
Load ()
Volt OK Window
10%
Cos Phi
1.00
Cur Expand
Yes ()
No (o)
Setup Default
Yes ()
No (o)
Revision Info
YYMMDD
RS232
Baud Rate
1200 ()
2400 ()
4800 ()
9600 (o)
19200 ()
Parity
None (o)
Even ()
Odd ()
Data Bits
7 ()
8 (o)
StopBits
1 (o)
2 ()
RS485
MODBUS Address
1
Baud Rate
1200 ()
2400 ()
4800 ()
9600 (o)
19200 ()
Parity
None (o)
Even ()
Odd ()
Data Bits
7 ()
8 (o)
StopBits
1 (o)
2 ()