

7SG11 Argus 7

Check and System Synchronising Relays

Document Release History

This document is issue 2010/02. The list of revisions up to and including this issue is:
Pre release

2010/02	Document reformat due to rebrand

Software Revision History

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1 System Config Menu

SETTING	RANGE	DEFAULT
Active Settings Group	G1-G8	G1
Settings Group Edit/View	G1-G8	G1
Copy Group	From G1-G8 to G1-G8	From G1-G2
Power System Frequency	50 or 60 Hz	50Hz
Rated Voltage	110V or 63.5V	110V
Line Voltage Trim	- 5.0V to + 5.0V step 0.1V	0.0V
Bus Voltage Trim	- 5.0V to + 5.0V step 0.1V	0.0V
V.T. Ratio	1:1 to 99999:1	1:1
Set Identifier	Up to 16 alphanumeric characters	ARGUS 7
Set Alarm 1	Up to 13 alphanumeric characters	ALARM 1
Set Alarm 2	Up to 13 alphanumeric characters	ALARM 2
Set Alarm 3	Up to 13 alphanumeric characters	ALARM 3
Set Alarm 4	Up to 13 alphanumeric characters	ALARM 4
Calendar - Set Date	DD/MM/YY	01/01/99
Clock - Set Time	HH:MM:SS	00:00:00
Clock Sync. From Status	Seconds or Minutes	Minutes
Default Screen Timer	10sec, 60sec, 5min, 1hour	5 min
Change Password	4 alphanumeric characters	NONE

2 Voltage Setting Menu

SETTING	RANGE	DEFAULT
Gn DeadL : LiveL	Dead V : 5V to 127V step 0.5V Live V : 10V to 132V step 0.5V	30V : 80V
Gn DeadB : LiveB	As above	30V : 80V
Gn Line U/V Detector	OFF, 22 - 132V step 0.5V	80.0V
Gn Bus U/V Detector	OFF, 22 - 132V step 0.5V	80.0V
Gn □V Detector	OFF, 2 - 44V step 0.5V	20.0V
Gn Sync Bypass	OFF, DL&LB, LL&DB, DL&DB, DL or DB, DL xor DB	OFF

3 Check Sync Menu

SETTING	RANGE	DEFAULT
Gn Check Sync Enable	AUTO, MANUAL	MANUAL
Gn CS Phase Angle	5° - 90° step 1°	20°
Gn CS Slip Timer	OFF, 0 - 100sec step 0.1sec	OFF
Gn CS Slip Freq.	OFF, 0.020 - 2.000Hz step 0.005Hz	0.050Hz
Gn System Split Detector	OFF, 90° - 175° step 1°	90°
Gn System Split Timer	OFF, 0 - 100sec step 0.1sec	OFF
Gn Close Guard	OFF or ON	OFF

4 System Sync Menu

SETTING	RANGE	DEFAULT
Gn System Sync Enable	AUTO, MANUAL, LOCKOUT	AUTO

SETTING	RANGE	DEFAULT
Gn SS Phase Angle	5° - 90° step 1°	10°
Gn SS Slip Timer	OFF, 0 – 100sec step 0.1sec	OFF
Gn SS Slip Freq.	OFF, 0.020 - 2.000Hz step 0.005Hz	0.250Hz
Gn SS Close Pulse	0.1 - 2.0sec step 0.1sec	0.2sec

5 Output Relay Config Menu

SETTING	RANGE	DEFAULT
Gn Relay Healthy	RL1..RL7	RL1
Gn Check Sync Close	RL1..RL7	None
Gn System Sync Close	RL1..RL7	None
Gn Bypass Close	RL1..RL7	None
Gn System Split	RL1..RL7	None
Gn U/V Line	RL1..RL7	None
Gn U/V Bus	RL1..RL7	None
Gn ΔVoltage	RL1..RL7	None
Gn Live Line (LL)	RL1..RL7	None
Gn Live Bus (LB)	RL1..RL7	None
Gn Dead Line(DL)	RL1..RL7	None
Gn Dead Bus (DB)	RL1..RL7	None
Gn DLLB	RL1..RL7	None
Gn LLDB	RL1..RL7	None
Gn DLDB	RL1..RL7	None
Gn Status 1	RL1..RL7	None
Gn Status 2	RL1..RL7	None
Gn Status 3	RL1..RL7	None
Gn Status 4	RL1..RL7	None
Gn Hand Reset	RL1..RL7	None
O/P Relay Test	Any O/P Relay Option	OFF

6 Status Config Menu

SETTING	RANGE	DEFAULT
Settings Group Select	S1..S4	None
Inverted Inputs	S1..S4	None
Gn Start Check Sync	S1..S4	None
Gn Start System Sync	S1..S4	None
Gn Sync Bypass	S1..S4	None
Gn Check Sync Inhibit	S1..S4	None
Gn System Sync Inhibit	S1..S4	None
Gn ALARM 1	S1..S4	None
Gn ALARM 2	S1..S4	None
Gn ALARM 3	S1..S4	None
Gn ALARM 4	S1..S4	None
Gn Waveform Trig	S1..S4	None
Gn Clock Sync.	S1..S4	None
Gn Reset Lockout Mode	S1..S4	None
Gn Reset Outputs	S1..S4	None

SETTING	RANGE	DEFAULT
Gn Status 1 P/U Delay	0 – 2.00 sec step 10ms 2.10 – 20.00 sec step 100ms 21 – 300 sec step 1 sec 360 – 3600 sec step 60 sec 3900 – 14400 sec step 300 sec	0.02sec
Gn Status 1 D/O Delay	As above	0.00sec
Gn Status 2 P/U Delay	As above	0.02sec
Gn Status 2 D/O Delay	As above	0.00sec
Gn Status 3 P/U Delay	As above	0.02sec
Gn Status 3 D/O Delay	As above	0.00sec
Gn Status 4 P/U Delay	As above	0.02sec
Gn Status 4 D/O Delay	As above	0.00sec

7 Comms Interface Menu

SETTING	RANGE	DEFAULT
Comms Baud Rate	75, 110, 150, 300, 600, 1200, 2400, 4800, 9600, 19200	19200
Comms Parity	NONE, EVEN	EVEN
Relay Address	0 - 254	0
Line Idle	LIGHT ON, LIGHT OFF	LIGHT OFF
Data Echo	OFF or ON	OFF

8 Data Storage Menu

SETTING	RANGE	DEFAULT
Waveform Trig	OFF, CS Close, SS Close, BYPASS, STATUS	CS/SS Close
Waveform Pre-trigger	OFF, 10%-100% step 10%	80%
Clear All Waveforms	NO, YES (Confirmation required)	NO
Clear All Events	NO, YES (Confirmation required)	NO
Clear Close Data	NO, YES (Confirmation required)	NO