C6200 FlexGen MODBUS Memory Map

Note: This address table is 0 based.

Addr	Tag	Description	Parameter	Range	Data type	Read/ Write
Measurements						
1	GENVOLT	Generator Voltage	0 - 32768 VAC	-32768 - 32768	Word	R
2	BUSVOLT	Bus Voltage	0 - 32768 VAC	-32768 - 32768	Word	R
3	I3	Phase 3 Current	0 - 32768 A	-32768 - 32768	Word	R
4	P	Active Power	- 32768 - 32768 kW	-32768 - 32768	Word	R
5	Q	Reactive Power	0 - 32768 kVAr	-32768 - 32768	Word	R
6	PF	Power Factor	0 - 10.000	-32768 - 32768	Word	R
7	VA	System Apparent Power	0 - 32768 kVA	-32768 - 32768	Word	R
8	FreqGen	Generator Frequency	0 - 999.9 Hz	-32768 - 32768	Word	R
9	FreqBus	Bus Frequency	0 - 999.9 Hz	-32768 - 32768	Word	R
10	Gen Volt phase 1-2	Gen Volt phase 1-2	0 - 32768 VAC	-32768 - 32768	Word	R
11	Gen Volt phase 2-3	Gen Volt phase 2-3	0 - 32768 VAC	-32768 - 32768	Word	R
12	Gen Volt phase 3-1	Gen Volt phase 3-1	0 - 32768 VAC	-32768 - 32768	Word	R
13	Gen Volt phase 1-N	Gen Volt phase 1-N	0 - 32768 VAC	-32768 - 32768	Word	R
14	Gen Volt phase 2-N	Gen Volt phase 2-N	0 - 32768 VAC	-32768 - 32768	Word	R
15	Gen Volt phase 3-N	Gen Volt phase 3-N	0 - 32768 VAC	-32768 - 32768	Word	R
16	I1	Irms 1	0 - 32768 A	-32768 - 32768	Word	R
17	I2	Irms 2	0 - 32768 A	-32768 - 32768	Word	R
18	I3	Irms 2	0 - 32768 A	-32768 - 32768	Word	R
19	Iact1	Iact1	- 32768 - 32768 A	-32768 - 32768	Word	R
20	Iact2	Iact2	- 32768 - 32768 A	-32768 - 32768	Word	R
21	Iact3	Iact3	- 32768 - 32768 A	-32768 - 32768	Word	R
22	Ireact1	Ireact1	- 32768 - 32768 A	-32768 - 32768	Word	R
23	Ireact2	Ireact2	- 32768 - 32768 A	-32768 - 32768	Word	R
24	Ireact3	Ireact3	- 32768 - 32768 A	-32768 - 32768	Word	R
25	Free				Word	R
26	Free				Word	R
27	Free				Word	R
28	VA1	VA1	0 - 32768 kVA	-32768 - 32768	Word	R
29	VA2	VA2	0 - 32768 kVA	-32768 - 32768	Word	R
30	VA3	VA3	0 - 32768 kVA	-32768 - 32768	Word	R
31	Bus Volt phase 1-2	Bus Volt phase 1-2	0 - 32768 VAC	-32768 - 32768	Word	R
32	Bus Volt phase 2-3	Bus Volt phase 2-3	0 - 32768 VAC	-32768 - 32768	Word	R
33	Bus Volt phase 3-1	Bus Volt phase 3-1	0 - 32768 VAC	-32768 - 32768	Word	R
Request Ack/Nack						
34	Priority	Priority	"1 - 16"	"1 - 16"	Word	RW
35	ReqUnload	Request Unload	0 - 1	0 - 1	Word	RW
36	ReqFreqDisable	Request Frequency Disable	0 - 1	0 - 1	Word	RW
37	ReqCBBlock	Request CB Block	0 - 1	0 - 1	Word	RW
38	ReqManuel	Request Manuel	0 - 1	0 - 1	Word	RW
39	ReqReset	Request Reset	0 - 1	0 - 1	Word	RW
40	ReqSpeedInc	Request Speed Increase	0 - 1	0 - 1	Word	RW
41	ReqSpeedDec	Reguest Speed Decrease	0 - 1	0 - 1	Word	RW
42	ReqVoltInc	Request Volt Increase	0 - 1	0 - 1	Word	RW
43	ReqVoltDec	Request Volt Decrease	0 - 1	0 - 1	Word	RW
44	ReqFreqCtrl	Request Frequency Control	0 - 1	0 - 1	Word	RW
45	FreqCtrlAck	Frequency Control Ack	0 - 1	0 - 1	Word	R
46	FreqCtrlNack	Frequency Control Nack	0 - 1	0 - 1	Word	R
47	ReqSync	Request Syncronize	0 - 1	0 - 1	Word	RW
48	SyncAck	Syncronize Ack	0 - 1	0 - 1	Word	R
49	SyncNack	Suncronize Nack	0 - 1	0 - 1	Word	R
50	ReqRampupAct	Request Rampup Active Load	0 - 1	0 - 1	Word	RW
51	RampupActAck	Rampup Active Load Ack	0 - 1	0 - 1	Word	R
52	RampupActNack	Rampup Active Load Nack	0 - 1	0 - 1	Word	R
53	ReqActLs	Request Active Loadsharing	0 - 1	0 - 1	Word	RW
54	ActLsAck	Active Loadsharing Ack	0 - 1	0 - 1	Word	R
55	ActLsNack	Active Loadsharing Nack	0 - 1	0 - 1	Word	R
56	ReqVoltCtrl	Request Voltage Control	0 - 1	0 - 1	Word	RW
57	VoltCtrlAck	Voltage Control Ack	0 - 1	0 - 1	Word	R
58	VoltCtrlNack	Voltage Control Nack	0 - 1	0 - 1	Word	R
59	ReqVoltMatch	Request Voltage Matching	0 - 1	0 - 1	Word	RW
60	VoltMatchAck	Voltage Matching Ack	0 - 1	0 - 1	Word	R
61	VoltMatchNack	Voltage Mathing Nack	0 - 1	0 - 1	Word	R
62	ReqRampupReact	Request Rampup Reactive Load	0 - 1	0 - 1	Word	RW
63	RampupReactAck	Rampup Reactive Load Ack	0 - 1	0 - 1	Word	R
64	RampupReactNact	Rampup Reactive Load Nack	0 - 1	0 - 1	Word	R
65	ReqReactLs	Request Reactive Loadsharing	0 - 1	0 - 1	Word	RW
66	ReactLsAck	Reactive Loadsharing Ack	0 - 1	0 - 1	Word	R
67	ReactLsNack	Reactive Loadsharing Nack	0 - 1	0 - 1	Word	R
68	GenStart	Generator Start Req.	0 - 1	0 - 1	Word	W
69	GenStop	Generator Stop Req.	0 - 1	0 - 1	Word	W
70	LoadStartStopEnable	Enable Load Start Stop	0 - 1	0 - 1	Word	RW
71	1Stb	1 Standby indication	0 - 1	0 - 1	Word	R
72	LLC	Light load Cancel	0 - 1	0 - 1	Word	RW
Protection Status						
73	RPTrip	Reverse Power Trip	0 - 1	0 - 1	Word	R
74	ELTrip	Excitation Loss Trip	0 - 1	0 - 1	Word	R
75	FDTrip	Freq Deviation Trip	0 - 1	0 - 1	Word	R
76	VSTrip	Vector Shift	0 - 1	0 - 1	Word	R
77	UFTrip	Under Freq Trip	0 - 1	0 - 1	Word	R
78	OFTrip	Over Freq Trip	0 - 1	0 - 1	Word	R
79	UVrip	Under Volt Trip	0 - 1	0 - 1	Word	R
80	OVrip	Over Volt Trip	0 - 1	0 - 1	Word	R
81	EXTERNALTrip	External input Trip	0 - 1	0 - 1	Word	R

82	SCTrip	Short Circuit Trip	0 - 1	0 - 1	Word	R
83	OCTrip	Over Current Trip	0 - 1	0 - 1	Word	R
84	OLTrip	Over Load Trip	0 - 1	0 - 1	Word	R
		Alarm Status				
85	RPAlarm	Reverse Power Alarm	0 - 1	0 - 1	Word	R
86	ELAlarm	Excitation Loss Alarm	0 - 1	0 - 1	Word	R
87	LLIndication	Light load indication	0 -1	0 -1	Word	R
88	HLIndication	High load indication	0 -1	0 -1	Word	R
89	UFAlarm	Under Freq Alarm	0 - 1	0 - 1	Word	R
90	OFAlarm	Over Freq Alarm	0 - 1	0 - 1	Word	R
91	UVAlarm	Under Volt Alarm	0 - 1	0 - 1	Word	R
92	OVAlarm	Over Volt Alarm	0 - 1	0 - 1	Word	R
93	VoltFreqOK	Volt and Freq OK	0 - 1	0 - 1	Word	R
94	NoCapToStart	No Capacity to start	0 - 1	0 - 1	Word	R
95	OCAlarm	Over Current Alarm	0 - 1	0 - 1	Word	R
96	OLAlarm	Over Load Alarm	0 - 1	0 - 1	Word	R
		Error Status				
97	FreqTimeout	Timeout for reach rated frequecy	0 -1	0 -1	Word	R
98	CBCloseFault	Fault on CB close	0 -1	0 -1	Word	R
99	SyncTimeout	Timeout on synchronize	0 -1	0 -1	Word	R
100	ActRampupTimeout	Timeout on Act power rampe up	0 -1	0 -1	Word	R
101	UnloadTripFault	Unload CB trip fault	0 -1	0 -1	Word	R
102	CBOpenCurrent	CB open and still measureing current	0 -1	0 -1	Word	R
103	CBFault	CB closed when generator is stopped	0 -1	0 -1	Word	R
104	ProtTripFault	Protection CB trip fault	0 -1	0 -1	Word	R
105	VoltTimeout	Timeout for reach nominal voltage	0 -1	0 -1	Word	R
106	ReachRampupTimeout	Timeout on React power rampe up	0 -1	0 -1	Word	R
107	GenStartError	Generator Start Error	0 -1	0 -1	Word	R
108	GenStopError	Generator Stop Error	0 -1	0 -1	Word	R
109	NE1Trip	None Essential Load 1 Trip	0 -1	0 -1	Word	R
110	NE2Trip	None Essential Load 2 Trip	0 -1	0 -1	Word	R
111	AlarmRelay	Alarm Relay status	0 -1	0 -1	Word	R
112	Free					
113	Free					
114	Free					
		Status				
115	VoltFreqOK	Generator Voltage and Freq OK	0 -1	0 -1	Word	R
116	SyncLedStatus	Sync Led Status on front of C6200				
		Deg 0	0x00000400		Word	R
		Deg 30	0x00000800		Word	R
		Deg 60	0x00000001		Word	R
		Deg 90	0x00000002		Word	R
		Deg 120	0x00000004		Word	R
		Deg 150	0x00000008		Word	R
		Deg 180	0x00000010		Word	R
		Deg 210	0x00000020		Word	R
		Deg 240	0x00000040		Word	R
		Deg 270	0x00000080		Word	R
		Deg 300	0x00000100		Word	R
		Deg 330	0x00000200		Word	R
117	CBClosed	Circuit Breaker Closed	0 - 1	0 - 1	Word	R
		Protection Configuration				
118	OVEnabled	Over Volt Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
119	OVLevel	Over Volt trip level	100 - 130 %	100 - 130	Word	RW
120	OVDelay	Over Volt Delay	2.0 - 20.0 S	20 - 200	Word	RW
121	UVEnabled	Under Volt Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
122	UVLevel	Under Volt trip level	100 - 130 %	100 - 130	Word	RW
123	UVDelay	Under Volt Delay	2.0 - 20.0 S	20 - 200	Word	RW
124	OFEnabled	Over Freq Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
125	OFLevel	Over Freq trip level	100 - 130 %	100 - 130	Word	RW
126	OFDelay	Over Freq Delay	2.0 - 20.0 S	20 - 200	Word	RW
127	UFEnabled	Under Freq Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
128	UFLevel	Under Freq trip level	100 - 130 %	100 - 130	Word	RW
129	UFDelay	Under Freq Delay	2.0 - 20.0 S	20 - 200	Word	RW
130	FDEnabled	Freq Deviation Protection Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
131	FDLevel	Freq Deviation Protection Level	0 - 20.0 Hz	0 - 200	Word	RW
132	Free					
133	VSEnabled	Vector Shift Protection Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
134	VSLevel	Vector Shift Protection Level	0 - 90 Deg	0- 90	Word	RW
135	Free					
136	RPEnabled	Reverse Power Protection Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
137	RPLevel	Reverse Power Protection Level	0 - -20 %	0 - -20	Word	RW
138	RPDelay	Reverse Power Protection Delay	2.0 - 20.0 s	20 - 200	Word	RW
139	ELEnabled	Excitation Loss Protection Enabled	Index	0 - 1	Word	RW
		0 = No				

		1 = Yes				
140	ELLevel	Excitation Loss Protection Level	0 - -150 %	0 - -150	Word	RW
141	ELDelay	Excitation Loss Protection Delay	2.0 - 20.0 s	20 - 200	Word	RW
142	OCEnabled	Over Current Protection Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
143	OCLevel	Over Current Protection Level	50 - 200%	50 - 200	Word	RW
144	OCDelay	Over Current Protection Delay	2.0 - 20.0 s	20 - 200	Word	RW
145	OLEnabled	Over Load Protection Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
146	OLLevel	Over Load Protection Level	50 - 150 %	50 - 150	Word	RW
147	OLDelay	Over Load Protection Delay	2.0 - 20.0 s	20 - 200	Word	RW
160	SCEnabled	Short CurCuit Protection Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
161	SCLevel	Short CurCuit Protecdtion level	100 - 400 %	100 - 400	Word	RW
162	SCDelay	Short CurCuit Protection Delay	100 - 1000 ms	100 - 1000	Word	RW
163	Free					
164	Free					
165	Free					
		Alarm Configuration				
148	OVAlarmEnabled	Over Volt Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
149	OVAlarmLevel	Over Volt Alarm level	100 - 130 %	100 - 130	Word	RW
150	OVAlarmDelay	Over Volt Delay	2.0 - 20.0 S	20 - 200	Word	RW
151	UVAlarmEnabled	Under Volt Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
152	UVAlarmLevel	Under Volt trip level	100 - 130 %	100 - 130	Word	RW
153	UVAlarmDelay	Under Volt Delay	2.0 - 20.0 S	20 - 200	Word	RW
154	OFAlarmEnabled	Over Freq Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
155	OFAlarmLevel	Over Freq trip level	100 - 130 %	100 - 130	Word	RW
156	OFAlarmDelay	Over Freq Delay	2.0 - 20.0 S	20 - 200	Word	RW
157	UFAlarmEnabled	Under Freq Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
158	UFAlarmLevel	Under Freq trip level	100 - 130 %	100 - 130	Word	RW
159	UFAlarmDelay	Under Freq Delay	2.0 - 20.0 S	20 - 200	Word	RW
166	RPAlarmEnabled	Reverse Power Alarm Enabled				
		0 = No				
		1 = Yes				
167	RPAlarmLevel	Reverse Power Alarm Level	0 - -20 %	0 - -20	Word	RW
168	RPAlarmDelay	Reverse Power Alarm Delay	2.0 - 20.0 s	20 - 200	Word	RW
169	ELAlarmEnabled	Excitation Loss Alarm Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
170	ELAlarmLevel	Excitation Loss Alarm Level	0 - -150 %	0 - 150	Word	RW
171	ELAlarmDelay	Excitation Loss Alarm Delay	2.0 - 20.0 s	20 - 200	Word	RW
172	OCAlarmEnabled	Over Current Alarm Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
173	OCAlarmLevel	Over Current Alarm Level	0 - -150 %	0 - 150	Word	RW
174	OCAlarmDelay	Over Current Alarm Delay	2.0 - 20.0 s	20 - 200	Word	RW
175	OLAlarmEnabled	Over Load Alarm Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
176	OLAlarmLevel	Over Load Alarm Level	0 - -150 %	0 - 150	Word	RW
177	OLAlarmDelay	Over Load Alarm Delay	2.0 - 20.0 s	20 - 200	Word	RW
178	Free					
179	Free					
		Speed/Voltage Ctrl Configuration				
180	FreqCtrlGain	Frequency Control Gain	1.0 - 20.0 x	10 - 200	Word	RW
181	FreqCtrlDelay	Frequency Control Delay	0 - 5000 ms	0 - 5000	Word	RW
182	FreqDeadBand	Frequency Relay output Deadband	3.0 30.0 %	30 - 300	Word	RW
183	Free					
184	DeadClose	Deadbus Closure	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
185	SyncCtrlGain	Syncronize Control Gain	1.0 - 20.0 x	10 - 200	Word	RW
186	SyncCtrlDelay	Syncronize Control Delay	0 - 5000 ms	0 - 5000	Word	RW
187	SyncTimeout	Syncronize Timeout	0 - 1000 s	0 - 1000	Word	RW
188	SyncCBCloseTime	Synchronize CB Close Time	1 - 1000 ms	1 - 1000	Word	RW
189	SyncCheckSync	Synchronize Check Synchronizer	Index	0 - 1	Word	RW
190	FreqDev	Freq deviation for conv. GOV output signal	0.01 - 1.00 Hz	1 - 100	Word	RW
191	Free					
192	Free					
193	ActLSGain	Active Load Sharer Gain	1.0 - 20.0 x	10 - 200	Word	RW
194	ActLSDelay	Active Load Sharer Delay	0 - 5000 ms	0 - 5000	Word	RW
195	ActLSRampTime	Act. Load Sharer Ramp Time	1 - 100 s	1 - 100	Word	RW
196	ActLSLoadDev	Act. Load Sharer Load Deviation	-100 - 100 %	-100 - 100	Word	RW
197	ActLSCBTripLevel	Act. Load Sharer CB Trip Level	1 - 50 %	1 - 50	Word	RW
198	ActLSPLVoltMin	Act. Load Sharer Parallel Lines Voltage Min.	-6.0 - 6.0 VDC	-60 - 60	Word	RW
199	ActLSPLVoltMax	Act. Load Sharer Parallel Lines Voltage Max.	-6.0 - 6.0 VDC	-60 - 60	Word	RW
200	Free					
201	Free					
202	VoltMatchGain	Voltage Matcher Gain	1.0 - 20.0 x	10 - 200	Word	RW

203	VoltMatchDelay	Voltage Matcher Delay	0 - 5000 ms	0 - 5000	Word	RW
204	Free					
205	Free					
206	ReactLSGain	Reactive Load Sharer Gain	1.0 - 20.0 x	10 - 200	Word	RW
207	ReactLSDelay	Reactive Load Sharer Delay	0 - 5000 ms	0 - 5000	Word	RW
208	ReactLSRampTime	Reactive Load Sharer Ramp Time	1 - 100 s	1 - 100	Word	RW
209	ReactLSLoadDev	Reactive Load Sharer Load Deviation	-100 - 100 %	-100 - 100	Word	RW
210	ReactLSCBTripLevel	Reactive Load Sharer CB Trip Level	1 - 50 %	1 - 50	Word	RW
211	ReactLSPLVoltMin	Reactive Load Sharer Parallel Lines Voltage Min.	-6.0 - 6.0 VDC	-60 - 60	Word	RW
212	ReactLSPLVoltMax	Reactive Load Sharer Parallel Lines Voltage Max.	-6.0 - 6.0 VDC	-60 - 60	Word	RW
213	Free					
214	Free					
		Import / Export Ctrl Configuration				
215	ImportExportScheme	Import Export Scheme Function	Index	0 - 4	Word	RW
		0 = Disabled				
		1 = FixedImport				
		2 = PeakImport				
		3 = FixedExport				
		4 = ExcessExport				
216	ImportExportSchemeValu	Import Export Scheme Value	1 - 100 %	1 - 100	Word	RW
217	Free					
218	ImportExportPFVlaue	Import Export Power Factor Level	0.00 - 1.00 PF	0 - 100	Word	RW
		Load Start Stop Ctrl Configuration				
219	LoadStartStopEnabled	Load StartStop Enabled	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
220	LoadStartStopStartLevel	Load StartStopStart Level	20 - 120 %	20 - 120	Word	RW
221	LoadStartStopStartDelay	Load StartStopStart Delay	2 - 32000 s	2 - 32000	Word	RW
222	LoadStartStopStopLevel	Load StartStopStop Level	20 - 120 %	20 - 120	Word	RW
223	LoadStartStopStopDelay	Load StartStopStop Delay	2 - 32000 s	2 - 32000	Word	RW
224	SEQ	SEQ (Liniear, Dutyhour, Cyclic)	Index	0 - 3	Word	RW
		0 = Linear				
		1 = Dutyhour				
		2 = Cyclic				
225	CoolDownDelay	Cool down delay	0 - 10000 s	0 - 10000	Word	RW
226	StartSignal	Start Signal	Index	0 - 1		
		0 = Puls until Generator is on Voltage				
		1 = Const start signal until stop signal is given				
227	StartTimeOut	Start Timeout	5 - 500 s	5 - 500	Word	RW
228	AlarmRelayFunction	Alarm Relay Function	Index	0 - 1	Word	RW
		0 = System				
		1 = System+Protection				
229	ProtTripContact	Protection Trip Relay Normal State	Index	0 - 1	Word	RW
		0 = Normally Deenergized (ND)				
		1 = Normally Energized (NE)				
230	UnloadTripContact	Unload Trip Relay Normal State	Index	0 - 1	Word	RW
		0 = Normally Deenergized (ND)				
		1 = Normally Energized (NE)				
		Digital I/O Configuration				
231	SpeedIncInpPort	Speed Increase Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
232	SpeedDecInpPort	Speed Decrease Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
233	SpeedIncOutPort	Speed Increase Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
234	SpeedDecOutPort	Speed Decrease Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
235	VoltIncInpPort	Volt Increase Input Port	Index	0 - 8	Word	RW
		0 = None				

		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
236	VoltDecInpPort	Volt Decrease Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
237	VoltIncOutPort	Volt Increase Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
238	VoltDecOutPort	Volt Decrease Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
		Digital I/O Configuration Protection Cause Indication				
239	RPOutPort	Reverse Power Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
240	ELOutPort	Excitation loss Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
241	FDOutPort	Freq Deviation Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
242	VSOutPort	Vector Shift Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
243	OFOutPort	Over Freq Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
244	UFOutPort	Under Freq Output Port	Index	0 - 8	Word	RW
		0 = None				

		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
245	OVOutPort	Over Volt Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
246	UVOutPort	Short CurCuit Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
247	SCOutPort	Short CurCuit Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
248	OCOutPort	Over Current Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
249	OLOutPort	Over Load Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
250	NE1OutPort	None Ecential 1 Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
251	NE2OutPort	None Ecential 2 Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
252	Free					
Digital I/O Configuration Alarm Cause Indication						
253	RPOutPort	Reverse Power Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
254	ELOutPort	Excitation loss Output Port	Index	0 - 8	Word	RW

		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
255	Free					
256	Free					
257	OFOutPort	Over Freq Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
258	UFOutPort	Under Freq Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
259	OVOutPort	Over Volt Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
260	UVOutPort	Under Volt Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
262	OCOutPort	Over Current Alarm Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
263	OLOutPort	Over Load Alarm Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
264	Free					
265	Free					
266	Free					
267	Free					
Digital I/O Configuration for Function block						
268	ReqExternTripInpPort	Request External Trip Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
269	AckExternTripOutPort	Ack External Trip Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				

		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
270	ReqFreqCtrlInpPort	Request Frequency Control Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
271	AckFreqCtrlOutPort	Ack Frequency Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
272	NackFreqCtrlOutPort	Nack Frequency Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
273	ReqSyncCtrlInpPort	Request Syncronize Control Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
274	AckSyncCtrlOutPort	Ack Syncronize Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
275	NackSyncCtrlOutPort	Nack Syncronize Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
276	ReqActLsRampUpCtrlInp	Request Active Load Rampup Control Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
277	AckActLsRampupCtrlOutP	Ack Active Load Rampup Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
278	NackActLsRampupCtrlOu	Nack Active Load Rampup Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				

		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
279	ReqActLsCtrlInpPort	Request Active Load sharring Control Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
280	AckActLsCtrlOutPort	Ack Active Load sharring Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
281	NackActLsCtrlOutPort	Nack Active Load sharring Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
282	ReqVoltStabInpPort	Request Voltage Stability Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
283	AckVoltStabOutPort	Ack Voltage Stability Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
284	NackVoltStablOutPort	Nack Voltage Stability Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
285	ReqVoltMatchInpPort	Request Voltage Matching Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
286	AckVoltMatchOutPort	Ack Voltage Matching Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
287	NackVoltMatchOutPort	Nack Voltage Matching Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				

		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
288	ReqReactLsRampUpCtrlI	Request Reactive Load Rampup Control Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
289	AckReactLsRampupCtrlO	Ack Reactive Load Rampup Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
290	NackReactLsRampupCtrl	Nack Reactive Load Rampup Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
291	ReqReactLsCtrlInpPort	Request Reactive Load sharring Control Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
292	AckReactLsCtrlOutPort	Ack Reactive Load Sharring Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
293	NackReactLsCtrlOutPort	Nack Reactive Load Sharring Control Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
294	VoltFreqOKOutput	Volt Freq OK Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
295	RegCAT2InpPort	Request CAT 2 Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
296	RegCAT2OutPort	Request CAT 2 Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				

		7 = Input 7				
		8 = Input 8				
297	ReqGenStartInpPort	Request Generator Start Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
298	AckGenStartOutPort	Ack Generator Start Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
299	Free					
300	ReqGenStopInpPort	Request Generator Stop Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
301	AckGenStopOutPort	Ack Generator Stop Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
302	Free					
303	ReqLoadStartStopEnaInp	Request Load Start Stop Enable Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
304	AckFirstStandbyIndicatior	Ack First Standby Indication Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
305	UnloadStop	Stop engine after trip and cool down.	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
306	ReqLightLoadCancelInpP	Request Light Load Cancel Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
307	AckLightLoadIndicationOu	Ack Light Load Indication Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				

		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
308	AckHighLoadIndicationOu	Ack High Load Indication Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
309	ReqFixedImpInpPort	Request Fixed Import Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
310	ReqPeakImpInpPort	Request Peak Import Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
311	ReqFixedExportInpPort	Request Fixed Export Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
312	ReqExcessExportInpPort	Request Excess Export Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
313	FVDisableOutPort	Freq/Volt Disabel Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
314	CBBlockinput	Request CB Blocking Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
315	TOTALSTOPinput	Request total stop Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
316	ReqEngineErrorInpPort	Request Engine Error Trip/Stop Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				

		7 = Input 7				
		8 = Input 8				
317	AckEngineErrorOutPort	Ack Engine Error Trip/Stop Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
		Analog instrument output configuration				
318	AnaOut1Src	Analog Output 1 Source	Index	0 - 9	Word	RW
		0 = BUSU12				
		1 = GENU12				
		2 = I3				
		3 = P				
		4 = Q				
		5 = PF				
		6 = VA				
		7 = F				
319	AnaOut1SrcMin	Analog Output 1 Source Min.	-1000.0 - 1000.0 %	-10000 - 10000	Word	RW
320	AnaOut1SrcMax	Analog Output 1 Source Max.	-1000.0 - 1000.0 %	-10000 - 10000	Word	RW
321	AnaOut1VoltMin	Analog Output 1 Voltage Min.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
322	AnaOut1VoltMax	Analog Output 1 Voltage Max.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
323	Free					
324	Free					
325	AnaOut2Src	Analog Output 2 Source	Index	0 - 9	Word	RW
		0 = BUSU12				
		1 = GENU12				
		2 = I3				
		3 = P				
		4 = Q				
		5 = PF				
		6 = VA				
		7 = F				
326	AnaOut2SrcMin	Analog Output 2 Source Min.	-1000.0 - 1000.0 %	-10000 - 10000	Word	RW
327	AnaOut2SrcMax	Analog Output 2 Source Max.	-1000.0 - 1000.0 %	-10000 - 10000	Word	RW
328	AnaOut2VoltMin	Analog Output 2 Voltage Min.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
329	AnaOut2VoltMax	Analog Output 2 Voltage Max.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
330	GenMaxCur	Gen Max Cur HIGH bytes part of a long	0.5 - 100000.0 A	5 - 1000000	Long	RW
331	--	Gen Max Cur LOW bytes part of a long	--	-	-	RW
		Setup generator parameters				
332	NomVoltage	Nominal Voltage	63.0 - 690.0 VAC	630 - 6900	Word	RW
333	PrimVoltage	Primary Voltage	63 - 32000 VAC	63 - 32000	Word	RW
334	PrimaryCTCurrent	Primary CT Current HIGH bytes of a long	0.5 - 3000.0 A	5 - 30000	Long	RW
335	--	Primary CT Current LOW bytes of a long	--	--	--	RW
336	RatedFreq	Rated Frequency	35.0 - 500.0 Hz	350 - 5000	Word	RW
337	VoltOKWnd	Voltage OK Window	0 - 20 %	0 - 20	Word	RW
338	PowerSource	Power Source Type	Index	0-2	Word	RW
		0 = Auxiliary				
		1 = Shaft				
		2 = Grid				
339	SetupDefault	Setup Default	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
340	PowerupDelay	Power up delay	0 - 60	0 - 60	Word	RW
341	FreqOKWindow	Frequency OK Window	1.0 - 10.0 %	1 - 100	Word	RW
342	SpeedCtrlEnable	Speed Control Enable	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
343	SpeedCtrlSignal	Speed Control Analog Output Signal	Index	0 - 2	Word	RW
		0 = Voltage				
		1 = Current				
		2 = PWM				
344	ConvMinPuls	Conventional Min Puls length	10 - 10000 ms	10 - 10000	Word	RW
345	Free					
346	SpeedCtrlVoltMin	Speed Control Output Voltage Min.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
347	SpeedCtrlVoltMax	Speed Control Output Voltage Max.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
348	SpeedCtrlCurMin	Speed Control Output Current Min.	0.000 - 24.000 mA	0 - 24000	Word	RW
349	SpeedCtrlCurMax	Speed Control Output Current Max.	0.000 - 24.000 mA	0 - 24000	Word	RW
350	SpeedCtrlPWMFreq	Speed Control PWM Output Frequency	100 - 32000 Hz	100 - 32000	Word	RW
351	Free					
352	Free					
353	VoltCtrlEnable	Voltage Control Enable	Index	0 - 1	Word	RW
		0 = No				
		1 = Yes				
354	VoltCtrlSignal	Voltage Control Analog Output Signal	Index	0 - 2	Word	RW
		0 = Voltage				
		1 = Current				
		2 = PWM				
355	ConvMinPuls	Conventional Min Puls length	10 - 10000 ms	10 - 10000	Word	RW
356	Free					
357	VoltCtrlVoltMin	Voltage Control Output Voltage Min.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
358	VoltCtrlVoltMax	Voltage Control Output Voltage Max.	-10.000 - 10.000 VDC	-10000 - 10000	Word	RW
359	VoltCtrlCurMin	Voltage Control Output Current Min.	0.000 - 24.000 mA	0 - 24000	Word	RW
360	VoltCtrlCurMax	Voltage Control Output Current Max.	0.000 - 24.000 mA	0 - 24000	Word	RW
361	VoltCtrlPWMFreq	Voltage Control PWM Output Frequency	100 - 32000 Hz	100 - 32000	Word	RW
362	Free					
363						

364	Dutyhour	Dutyhour	0 - 32000	0 - 32000	Word	R
365	NextService	Next service	0 - 32000	0 - 32000	Word	R
366	Free					
367	Free					
368	Free					
369	Free					
		RS232 Configuration				
370	RS232BaudRate	RS232 Baud Rate	Index	0 - 4	Word	RW
		0 = 1200				
		1 = 2400				
		2 = 4800				
		3 = 9600		Default		
		4 = 19200				
371	RS232Parity	RS232 Parity	Index	0 - 2	Word	RW
		0 = None		Default		
		1 = Even				
		2 = Odd				
372	RS232DataBits	RS232 Data Bits	Index	0 - 1	Word	RW
		0 = 7				
		1 = 8		Default		
373	RS232StopBits	RS232 Stop Bits	Index	0 - 1	Word	RW
		0 = 1		Default		
		1 = 2				
374	Free					
375	Free					
		Status on digital Input and Output				
376	FVDisable	Freq / Volt Disable input	OFF - ON	0 - 1	Word	RW
377	RESET	Alarm Reset input	OFF - ON	0 - 1	Word	RW
378	UNLOAD	Unload input	OFF - ON	0 - 1	Word	RW
379	MANUAL	Manual input	OFF - ON	0 - 1	Word	RW
380	CBStatus	Status feedback from CB	Open - Closed	0 - 1	Word	RW
381	DIGIIN1	Programable digital input 1	OFF - ON	0 - 1	Word	RW
382	DIGIIN2	Programable digital input 2	OFF - ON	0 - 1	Word	RW
383	DIGIIN3	Programable digital input 3	OFF - ON	0 - 1	Word	RW
384	DIGIIN4	Programable digital input 4	OFF - ON	0 - 1	Word	RW
385	DIGIIN5	Programable digital input 5	OFF - ON	0 - 1	Word	RW
386	DIGIIN6	Programable digital input 6	OFF - ON	0 - 1	Word	RW
387	DIGIIN7	Programable digital input 7	OFF - ON	0 - 1	Word	RW
388	DIGIIN8	Programable digital input 8	OFF - ON	0 - 1	Word	RW
389	DIGIOUT1	Programable digital output 1	OFF - ON	0 - 1	Word	RW
390	DIGIOUT2	Programable digital output 2	OFF - ON	0 - 1	Word	RW
391	DIGIOUT3	Programable digital output 3	OFF - ON	0 - 1	Word	RW
392	DIGIOUT4	Programable digital output 4	OFF - ON	0 - 1	Word	RW
393	DIGIOUT5	Programable digital output 5	OFF - ON	0 - 1	Word	RW
394	DIGIOUT6	Programable digital output 6	OFF - ON	0 - 1	Word	RW
395	DIGIOUT7	Programable digital output 7	OFF - ON	0 - 1	Word	RW
396	DIGIOUT8	Programable digital output 8	OFF - ON	0 - 1	Word	RW
397	Free					
398	Free					
399	Free					
		None Eccential Configuration				
400	NE1Delay	NE1 Delay	10 - 600 S	10 - 600	Word	RW
401	NE1Lactch	NE1 Latcy	Index	0 - 1	Word	RW
		0 = YES				
		1 = NO				
402	NE1LoadEnable	NE 1 Load Enable	Index	0 - 1	Word	RW
		0 = Disabled				
		1 = Enabled				
403	NE1LoadLevel	NE1 Load Level	20 - 150 %	20 - 150	Word	RW
404	NE1LoadHyst	NE1 Load Hyst.	0 - 50 %	0 - 50	Word	RW
405	NE1CurEnable	NE 1 Cur Enable	Index	0 - 1	Word	RW
		0 = Disabled				
		1 = Enabled				
406	NE1CurLevel	NE1 Cur Level	20 - 150 %	20 - 150	Word	RW
407	NE1CurHyst	NE1 Cur Hyst.	0 - 50 %	0 - 50	Word	RW
408	NE1FreqEnable	NE 1 Freq Enable	Index	0 - 1	Word	RW
		0 = Disabled				
		1 = Enabled				
409	NE1FreqLevel	NE1 Freq Level	20 - 150 %	20 - 150	Word	RW
410	NE1FreqHyst	NE1 Freq Hyst.	0 - 50 %	0 - 50	Word	RW
411	NE2Delay	NE2 Delay	10 - 600 S	10 - 600	Word	RW
412	NE2Lactch	NE2 Latcy	Index	0 - 1	Word	RW
		0 = YES				
		1 = NO				
413	NE2LoadEnable	NE 2 Load Enable	Index	0 - 1	Word	RW
		0 = Disabled				
		1 = Enabled				
414	NE2LoadLevel	NE2 Load Level	20 - 150 %	20 - 150	Word	RW
415	NE2LoadHyst	NE2 Load Hyst.	0 - 50 %	0 - 50	Word	RW
416	NE2CurEnable	NE 2 Cur Enable	Index	0 - 1	Word	RW
		0 = Disabled				
		1 = Enabled				
417	NE2CurLevel	NE2 Cur Level	20 - 150 %	20 - 150	Word	RW
418	NE2CurHyst	NE2 Cur Hyst.	0 - 50 %	0 - 50	Word	RW
419	NE2FreqEnable	NE 2 Freq Enable	Index	0 - 1	Word	RW
		0 = Disabled				
		1 = Enabled				
420	NE2FreqLevel	NE2 Freq Level	20 - 150 %	20 - 150	Word	RW
421	NE2FreqHyst	NE2 Freq Hyst.	0 - 50 %	0 - 50	Word	RW
422	PrioSource	Priority ctrl by 0=Digi input 1=Can Bus 2=Modbus	0 - 2	0 - 2	Word	RW
423	Free					

424	Free					
425	ReqLC1InpPort	Request Large Consumer Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
426	ReqLC1OutPort	Request Large Consumer 1 Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
427	ReqLC1	Request Large Consumer	0 - 1	0 - 1	Word	RW
428	AckLC1	Requested capacity available	0 - 1	0 - 1	Word	R
429	LC1Value	LC1 Power request value	0 - 32000kW	0 - 32000	Word	RW
430	ReqLC2InpPort	Request Large Consumer Input Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Input 1				
		2 = Input 2				
		3 = Input 3				
		4 = Input 4				
		5 = Input 5				
		6 = Input 6				
		7 = Input 7				
		8 = Input 8				
431	ReqLC2OutPort	Request Large Consumer 2 Output Port	Index	0 - 8	Word	RW
		0 = None				
		1 = Output 1				
		2 = Output 2				
		3 = Output 3				
		4 = Output 4				
		5 = Output 5				
		6 = Output 6				
		7 = Output 7				
		8 = Output 8				
432	ReqLC2	Request Large Consumer	0 - 1	0 - 1	Word	RW
433	AckLC2	Act on Request CAT2	0 - 1	0 - 1	Word	R
434	LC2Value	LC2 Power request value	0 - 32000kW	0 - 32000	Word	RW
435	ReqCAT2	Request CAT2	0 - 1	0 - 1	Word	RW
436	ActCAT2	Ack CAT2	0 - 1	0 - 1	Word	R
437	GenStartOutput	Gen Start Signal	0 - 1	0 - 1	Word	R
438	GenStopOutput	Gen Stop Signal	0 - 1	0 - 1	Word	R
439	Free					
440	BaseLoad	Base Load	0-100%	0-100		R
441	SumLoad	Sum Load	0 - 32000kW	0 - 32000	Word	R
442	SumCap	Sum Capacity	0 - 32000kW	0 - 32000	Word	R
443	PlantCap	Plant Capacity	0 - 32000kW	0 - 32000	Word	R
RS485 Configuration						
444	ModbusSlaveAddr	Modbus slave address	0 - 255	1 - 255	Word	RW
445	RS485BaudRate	RS485 Baud Rate	Index	0 - 4	Word	RW
		0 = 1200				
		1 = 2400				
		2 = 4800				
		3 = 9600		Default		
		4 = 19200				
446	RS485Parity	RS485 Parity	Index	0 - 2	Word	RW
		0 = None		Default		
		1 = Even				
		2 = Odd				
447	RS485DataBits	RS485 Data Bits	Index	0 - 1	Word	RW
		0 = 7				
		1 = 8		Default		
448	RS485StopBits	RS485 Stop Bits	Index	0 - 1	Word	RW
		0 = 1		Default		
		1 = 2				