



Techsys
Corporation

GWI ABB550 SERIES VFD SETTINGS

Parameters	DESCRIPTION	ABB DEFAULT	GWi Setup	COMMISIONING DATA		
				//	//	//
Group 99	START-UP DATA					
9902	Applic Macro	STANDARD (1)	PID CONTROL (6)			
9904	Motor Ctrl Mode	Scalar Speed (3)	Vector Speed (3)			
9905	Motor Nom Volt	230/400 V *)	415			
9906	Motor Nom Curr	IN **)	Motor Nameplate			
9907	Motor Nom Freq	50 Hz	50 Hz			
9908	Motor Nom Speed	1440 rpm	Motor Nameplate			
9909	Motor Nom Power	0.75...90 kW	Motor Nameplate			
9910	Motor ID Run	OFF (0)	OFF (0)			
Group 10	Start/Stop/Dir					
1001	Ext1 Commands	DI1,2 (2)	DI 1 (1)			
1002	Ext2 Commands	Not Selected (0)	DI 1 (1)			
1003	Direction	Request (3)	FORWARD (1)			
Group 11	REFERENCE SELECT					
1101	Keypad Ref Sel	Ref1 (1)	Ref1 (1)			
1102	Ext1/Ext2 Sel	Ext1 (0)	DI 5 (5)			
Group 12	CONSTANT SPEEDS					
1201	const speed sel	DI3,4 (9)	NOT SELECTED (0)			
Group 13	Analogue Inputs					
1304	Minimum AI2	20%	0%			
Group 14	RELAY OUTPUTS					
1401	Relay Output 1	Ready (1)	FAULT (-1) (3)			
1402	Relay Output 2	Run (2)	SUPERV 1 OVER (8)			
Group 16	SYSTEM CONTROLS					
1601	Run Enable	Not Selected (0)	NOT SELECTED (0)			
1604	Fault Reset Sel	Keypad (0)	START / STOP (7)			
Group 20	LIMITS					
2003	Max Current	0...1.8 * I2hd	Motor Name +10%			
Group 21	START/STOP					
2108	Start Inhibit	Off (0)	OFF (0)			
Group 26	MOTOR CONTROL					
2603	IR Compensation	50 V	0 V			
2605	U/F ratio	Linear (1)	SQUARED (2)			

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Group 32	SUPERVISION					
3201	Superv 1 Param	103	118			
3202	Superv 1 Lim Lo	000BIN	000000100BIN			
3203	Superv 1 Lim Hi	000BIN	000000110BIN			
Group 34	PANEL DISPLAY					
3401	Signal 1 Param	103	103			
3404	Output 1 DSP Form	1	1			
3405	Output 1 DSP Unit	3	3			
3408	Signal 2 Param	104	104			
3411	Output 2 DSP Form	1	1			
3412	Output 2 DSP Unit	1	1			
3415	Signal 3 Param	105	105			
3418	Output 3 DSP Form	1	1			
3419	Output 3 DSP Unit	4	4			
Group 40	PID CONTROL					
4002	PID integ time	60 s	0.5 s			