AF97 Control

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
System ID	1032	Vendor Name	32	ASCII	no-units		
	1064	Model Name	32	ASCII	no-units		
	1096	Display Name	32	ASCII	no-units		
	1128	Device Type	32	ASCII	no-units		
	1605	Field Replaceable Unit	1	UINT16	no-units		
Status	3048	Device Online Status	1	UINT16	no-units		Offline(3);Online(4)
	3000	Status	1	UINT16	no-units		Off(0);Run(1);Tripped(2); Alarmed(3)
	3001	Status Reason	1	UINT16	no-units		Normal(0);Over Current Trip(1);Over Voltage Trip(2);Overload Trip(3);Under Voltage Trip(4);Phase Loss Trip(5);Over Temperature Trip(6);Ground Fault Trip(7);Emergency Trip(8);Software Trip(9);INCOM Initiated Trip(10);Decel Limit Alarm(11);Torque Limit Alarm(12);Unknown(13)
	3052	Air Pressure Command	1	UINT16	no-units		
	3059	Converter	1	UINT16	no-units		Not Enabled(0);Enabled(1)
	3065	Direction	1	UINT16	no-units		Reverse(0);Forward(1)
	3067	Forward Speed Command	1	UINT16	no-units		
	3075	Inverter	1	UINT16	no-units		Not Enabled(0);Enabled(1)
	3102	Recent Frequency Command	1	UINT16	no-units		
	3103	Relay 1	1	UINT16	no-units		Inactive(0);Active(1)
	3104	Relay 2	1	UINT16	no-units		Inactive(0);Active(1)
	3105	Relay 3	1	UINT16	no-units		Inactive(0);Active(1)

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	3106	Relay 4	1	UINT16	no-units		Inactive(0);Active(1)
	3107	Relay 5	1	UINT16	no-units		Inactive(0);Active(1)
	3114	Run Time	1	UINT16	hours		
	3117	Speed	1	UINT16	per-minute		
Meters	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		
	5006	Ic	2	FLOAT	amperes		
	6382	DC Power	2	FLOAT	watts		
	10279	Isolated Input Signal 1	1	UINT16	no-units		
	10280	Isolated Input Signal 2	1	UINT16	no-units		
	11000	Frequency	2	FLOAT	hertz		
Alarms	3062	Decel Torque Alarm	1	UINT16	no-units		False(0);True(1)
	3120	Torque Alarm Limit	1	UINT16	no-units		False(0);True(1)
	13089	Input Phase Rotation Error	1	UINT16	no-units		ACB(0);ABC(1)
	13498	Phase A Loss	1	UINT16	no-units		False(0);True(1)
	13499	Phase B Loss	1	UINT16	no-units		False(0);True(1)
	13500	Phase C Loss	1	UINT16	no-units		False(0);True(1)
	13548	Alarm Active	1	UINT16	no-units		False(0);True(1)
	13555	Trip Event	1	UINT16	no-units		False(0);True(1)
Controls	2204	Reset Trip/Alarm	1	BOOL	no-units	Yes	
	2243	Stop	1	UINT16	no-units	Yes	
	2244	Start	1	UINT16	no-units	Yes	
	2247	Set Direction To Forward	1	UINT16	no-units	Yes	
	2248	Set Direction To Reverse	1	UINT16	no-units	Yes	