Digitrip 1150/1150V Comm Ver 1 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		
	18172	Energy Concentrator Configuration	125	ASCII	no-units		
Energy Concentrator Parameters	7220	Demand Forward Watts	2	FLOAT	watts		
	7262	Demand Reverse Watts	2	FLOAT	watts		
	7222	Peak Demand Forward Watts	2	FLOAT	watts		
	7264	Peak Demand Reverse Watts	2	FLOAT	watts		
Status	3048	Device Online Status	1	UINT16	no-units		Offline(3);Online(4)
	3000	Status	1	UINT16	no-units		Unknown(0);Open(1);Closed(2);Tripped(3);Alarmed(4);Pickup(13)
	3001	Status Reason	1	UINT16	no-units		INCOM 301 Reason Code
	3066	Event Count	1	UINT16	no-units		
	3115	Status Secondary	1	UINT16	no-units		Unknown(0);Not Used(1);Not Used(2);Test Mode(3);Not Used(4);Not Used(5);Not Used(6);Powered Up(7);Alarmed(8)
Meters	4002	Vab	2	FLOAT	volts		
	4004	Vbc	2	FLOAT	volts		
	4006	Vca	2	FLOAT	volts		
	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	5006	Ic	2	FLOAT	amperes		
	5008	Ig	2	FLOAT	amperes		
	5010	In	2	FLOAT	amperes		
	5014	Peak Demand Ia	2	FLOAT	amperes		
	5016	Peak Demand Ib	2	FLOAT	amperes		
	5018	Peak Demand Ic	2	FLOAT	amperes		
	5250	Demand Ia	2	FLOAT	amperes		
	5252	Demand Ib	2	FLOAT	amperes		
	5254	Demand Ic	2	FLOAT	amperes		
	6006	Real Power	2	FLOAT	watts		
	6070	Apparent Power	2	FLOAT	volt-amperes		
	6134	Reactive Power	2	FLOAT	volt-amperes-reactive		
	6218	PF Displacement	2	FLOAT	power-factor		
	6220	PF Apparent	2	FLOAT	power-factor		
	7004	Forward Real Energy	2	FLOAT	watt-hours		
	7006	Reverse Real Energy	2	FLOAT	watt-hours		
	7008	Net Real Energy	2	FLOAT	watt-hours		
	7679	Total Real Energy	2	FLOAT	watt-hours		
	7016	Apparent Energy	2	FLOAT	volt-ampere-hours		
	7023	Demand Watts	2	FLOAT	watts		
	7387	Demand VAs	2	FLOAT	volt-amperes		
	7040	Peak Demand Watts	2	FLOAT	watts		
	9300	Crest Factor Ia	2	FLOAT	no-units		
	9302	Crest Factor Ib	2	FLOAT	no-units		
	9304	Crest Factor Ic	2	FLOAT	no-units		
	9308	Crest Factor In	2	FLOAT	no-units		
	9436	Percent THD Ia	2	FLOAT	percent		
	9438	Percent THD Ib	2	FLOAT	percent		
	9440	Percent THD Ic	2	FLOAT	percent		
	9442	Percent THD In	2	FLOAT	percent		
Alarms	13557	Unknown	1	UINT16	no-units		False(0);True(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	13601	Phase Instantaneous Overcurrent	1	UINT16	no-units		False(0);True(1)
	13605	Phase Inverse Time Overcurrent	1	UINT16	no-units		False(0);True(1)
	13607	Neutral Inverse Time Overcurrent	1	UINT16	no-units		False(0);True(1)
	13609	Over Voltage	1	UINT16	no-units		False(0);True(1)
	13610	Under Voltage	1	UINT16	no-units		False(0);True(1)
	13613	Under Frequency	1	UINT16	no-units		False(0);True(1)
	13614	Over Frequency	1	UINT16	no-units		False(0);True(1)
	13615	Amperes Out of Balance	1	UINT16	no-units		False(0);True(1)
	13616	Voltage Out of Balance	1	UINT16	no-units		False(0);True(1)
	13617	Low Power Factor	1	UINT16	no-units		False(0);True(1)
	13624	Power Demand	1	UINT16	no-units		False(0);True(1)
	13625	VA Demand	1	UINT16	no-units		False(0);True(1)
	13628	Total Harmonic Distortion	1	UINT16	no-units		False(0);True(1)
	13629	Operations Count	1	UINT16	no-units		False(0);True(1)
	13631	Communications	1	UINT16	no-units		False(0);True(1)
	13637	RAM Error	1	UINT16	no-units		False(0);True(1)
	13641	EEROM Error	1	UINT16	no-units		False(0);True(1)
	13642	Watchdog	1	UINT16	no-units		False(0);True(1)
	13644	Long Delay	1	UINT16	no-units		False(0);True(1)
	13645	Short Delay	1	UINT16	no-units		False(0);True(1)
	13646	Discriminator	1	UINT16	no-units		False(0);True(1)
	13647	Bad / Missing Rating Plug	1	UINT16	no-units		False(0);True(1)
	13648	Reverse Power	1	UINT16	no-units		False(0);True(1)
	13649	Override	1	UINT16	no-units		False(0);True(1)
	13650	Reverse Phase	1	UINT16	no-units		False(0);True(1)
	13651	Phase Rotation	1	UINT16	no-units		False(0);True(1)
	13652	Phase Current Loss	1	UINT16	no-units		False(0);True(1)
	13654	Alarm Active	1	UINT16	no-units		False(0);True(1)
	13655	Bad Frame	1	UINT16	no-units		False(0);True(1)
	13656	High Load	1	UINT16	no-units		False(0);True(1)
	13585	Lockout	1	UINT16	no-units		False(0);True(1)
	13658	Making Current Release	1	UINT16	no-units		False(0);True(1)
	13659	High Instantaneous	1	UINT16	no-units		False(0);True(1)
	13660	Setpoints Error	1	UINT16	no-units		False(0);True(1)

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	13661	Over Temperature	1	UINT16	no-units		False(0);True(1)
	13662	Accessory Bus	1	UINT16	no-units		False(0);True(1)
	13663	Neutral	1	UINT16	no-units		False(0);True(1)
	13664	Historical Data	1	UINT16	no-units		False(0);True(1)
	13665	Ground Fault	1	UINT16	no-units		False(0);True(1)
	13666	Earth Fault	1	UINT16	no-units		False(0);True(1)
	13670	Trip Blocked	1	UINT16	no-units		False(0);True(1)
	13671	Frequency Out Of Bounds	1	UINT16	no-units		False(0);True(1)
	13672	Check Auxiliary Switch	1	UINT16	no-units		False(0);True(1)
Controls	2200	Receive Date and Time	3	TIME	no-units		
	2203	Reset Alarm	1	BOOL	no-units	Yes	
	2204	Reset Trip	1	BOOL	no-units	Yes	
	2205	Reset Peak Demand Watts	1	BOOL	no-units	Yes	
	2207	Reset Timestamped Event Buffer	1	BOOL	no-units	Yes	
	2208	Reset Demand Watts Window	1	BOOL	no-units	Yes	
	2209	Snapshot Energy Command	1	BOOL	no-units	Yes	
	2210	Reset Peak Demand Currents	1	BOOL	no-units	Yes	
	2220	Open Request	1	BOOL	no-units	Yes	
	2221	Close Request	1	BOOL	no-units	Yes	
	2223	Capture Waveform	1	BOOL	no-units	Yes	
	2224	Reset INCOM Slave Interface Statistics	1	BOOL	no-units	Yes	
	2225	Reset Product Specific Statistics	1	BOOL	no-units	Yes	
	2226	Ack Energy Reset	1	BOOL	no-units	Yes	