Digitrip OPTIM 1050

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	3000	Status	1	UINT16	no-units		Open(0);Closed(1);Tripped(2);Alarmed(3)
							Normal(0);Plug Trip(1);Override Trip(2);Instantaneous Trip(3);Discriminator Trip(4);Short Delay Trip(5);Ground Fault(6);Long Delay Trip(7);External Trip(8);Over Temperature Trip(9);Long Delay Pick Up(10);Ground Over Current Alarm(11);Neutral Over Current Alarm(12);Test(13);EEPROM Error(14);Bad Frame Size(15);Unknown(16);Trip Position(17)
	3001	Status Reason	1	UINT16	no-units		
	3066	Event Count	1	UINT16	no-units		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	3068	Frame	1	UINT16	no-units		Bad Frame(0);Factory(1);SPB3(2);SPB5(3);Retrofit(5);DS(6);Hundt Weber(7);R 1600A(10);R 2000A(11);R 2500A(12);Bad Frame(14);Bad Frame(15);L 125A(16);L 250A(17);L 400A(18);L 600A(19);N 800A(20);N 1000A(21);N 1200A(22);K 125A(24);K 250A(25);K 400A(26)
	3096	Plug	1	UINT16	amperes		
Meters	5002	Ia	2	FLOAT	amperes		
	5004	Ib	2	FLOAT	amperes		
	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		
	5260	Peak Demand Ig	2	FLOAT	amperes		
	5262	Peak Demand In	2	FLOAT	amperes		
	5250	Demand Ia	2	FLOAT	amperes		
	5252	Demand Ib	2	FLOAT	amperes		
	5254	Demand Ic	2	FLOAT	amperes		
	5256	Demand Ig	2	FLOAT	amperes		
	5258	Demand In	2	FLOAT	amperes		
	6006	Real Power	2	FLOAT	watts		
	6200	Power Factor	2	FLOAT	power-factor		
	6396	5-Minute Average of Power	2	FLOAT	watts		
	7004	Forward Real Energy	2	FLOAT	watt-hours		
	7006	Reverse Real Energy	2	FLOAT	watt-hours		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	7008	Net Real Energy	2	FLOAT	watt-hours		
	7679	Total Real Energy	2	FLOAT	watt-hours		
	7040	Peak Demand Watts	2	FLOAT	watts		
	7630	Real Energy	2	FLOAT	watt-hours		
	7220	Demand Forward Watts	2	FLOAT	watts		
	7222	Peak Demand Forward Watts	2	FLOAT	watts		
	7262	Demand Reverse Watts	2	FLOAT	watts		
	7264	Peak Demand Reverse Watts	2	FLOAT	watts		
Alarms	3070	Highload	1	UINT16	no-units		Inactive(0);Active(1)
	13548	Summary Alarm	1	UINT16	no-units		False(0);True(1)
	13555	Trip Event	1	UINT16	no-units		False(0);True(1)
Controls	2204	Reset Trip	1	INT16	no-units	Yes	
	2205	Reset Peak Demand Watts	1	INT16	no-units	Yes	
	2206	Reset Energy	1	INT16	no-units	Yes	
	2207	Reset Time-Stamped Trip Data Buffer	1	INT16	no-units	Yes	
	2208	Reset Demand Watts Window	1	INT16	no-units	Yes	
	2209	Snapshot Energy Command	1	INT16	no-units	Yes	
	2210	Reset Peak Demand Currents	1	INT16	no-units	Yes	
	2222	Advance to Next Time-Stamped Trip Bu	1	INT16	no-units	Yes	
	2223	Capture Waveform	1	INT16	no-units	Yes	
	2224	Reset INCOM Slave Interface Statistics	1	INT16	no-units	Yes	
	2225	Reset Product Specific Statistics	1	INT16	no-units	Yes	
	2226	Ack Energy Reset	1	INT16	no-units	Yes	