Digitrip 1150/1150V Comm Ver 1

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		Unknown(0);Open(1);Closed(2);Tripped(3);Alarmed(4);Pickup(13)
							Unknown(0);Normal Operating Mode(1);External Event(2);Phase Instantaneous Overcurrent(3);Ground Instantaneous Overcurrent(4);Neutral Instantaneous Overcurrent(5);Residual Instantaneous Overcurrent(6);Phase Inverse Time Overcurrent(7);Ground Inverse Time Overcurrent(8);Neutral Inverse Time Overcurrent(9);Residual Inverse Time Overcurrent(10);Over Voltage(11);Under Voltage(12);Auxiliary Over Voltage(13);Auxiliary Under Voltage(14);Under Frequency(15);Over Frequency(16);Amperes Out of Balance(17);Voltage Out of Balance(18);Low Power Factor(19);Displacement Power Factor(20);Zone Interlock Phase(21);Zone Interlock Ground(22);Watts(23);VA(24);VAR(25);Power Demand(26);VA Demand(27);VAR Demand(28);Current Demand(29);Total Harmonic Distortion(30);Operations Count(31);Contact Maintenance(32);Communications(33);Contact Disagreement(34);Breaker Failure(35);Operation Time Exceeded(36);Coil Supervision(37);Programmable Logic(38);RAM Error(39);Diagnostic Failure #1(40);Low Battery(41);Multiple Reasons(42);EEROM Error(43);Watchdog(46);Maintenance Mode(47);Diagnostic Failure #2(52);Long Delay(61);Short Delay(62);Discriminator(63);Bad or Missing Rating Plug(64);Reverse Power(65);Override(66);Reverse Phase(67);Phase Rotation(68);Phase Current Loss(69);Phase Voltage Loss(70);Alarm Active(71);Bad Frame(72);High Load(73);Lockout(74);Making Current Release(75);High Instantaneous(76);Setpoints Error(77);Over Temperature(78);Accessory Bus(79);Neutral(80);External Condition #2(81);Historical Data(82);External Condition #3(83);Ground Fault(84);Earth Fault(85);External Condition #4(86);Rolled Phase(99);Per Unit Voltage(100);Sensitive(101);Deenergized(102);Non Sensitive(103);Time Delay Sensitive(104);Breaker Pumping(105);Calibration(113);Neutral Ground Overvoltage(134);Real-Time Clock(136);Trip Blocked(138);Frequency Out Of Bounds(146);Check Auxiliary Switch(148);Over Current(149);Time Delayed Watt-Var Trip(150);Over Current Watt-Var Trip(151);Forward or Reverse Power(152);Maintenance Mode(153);Breaker Mech Fault(154);Disconnect Position(156);Shunt Trip Problem(157)
	3001	Status Reason	1	UINT16	no-units		
	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)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
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		
	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		
	9300	Crest Factor Ia	2	FLOAT	no-units		
	9302	Crest Factor Ib	2	FLOAT	no-units		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	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		
	11000	Frequency	2	FLOAT	hertz		
Alarms	13557	Unknown	1	UINT16	no-units		False(0);True(1)
	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)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	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)
	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)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	13672	Check Auxiliary Switch	1	UINT16	no-units		False(0);True(1)
Controls	2200	Set the Receive Date and Time Now	1	INT16	no-units		
	2203	Reset Alarm	1	INT16	no-units	Yes	
	2204	Reset Trip	1	INT16	no-units	Yes	
	2205	Reset Peak Demand Watts	1	INT16	no-units	Yes	
	2207	Reset Timestamped Event Buffer	1	INT16	no-units	Yes	
	2208	Reset Demand Watts Window	1	INT16	no-units	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	2209	Snapshot Energy Command	1	INT16	no-units	Yes	
	2210	Reset Peak Demand Currents	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	