EDR-3000

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		
	1192	Device ID	32	ASCII	no-units		
	1276	Serial Number	32	ASCII	no-units		
	2108	Build	24	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	Breaker Racking In	1	UINT16	no-units		Closed(0);Open(1);Racked In(2)
	3084	Operating Hours Counter	1	UINT16	hours		
	3127	TripCMD Counter	1	UINT16	no-units		
	3093	MeasPointNo	1	UINT16	no-units		
	30009	PROT Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30010	PROT Signal: General-Pickup Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30011	PROT Signal: General-Pickup Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30012	PROT Signal: General-Pickup Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30013	PROT Signal: General-Pickup - Ground fault	1	UINT16	no-units		Inactive(0);Active(1)
	30014	PROT Signal: General Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30015	PROT Signal: General Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30016	PROT Signal: General Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30017	PROT Signal: General Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	30018	PROT Signal: General Trip Ground Fault	1	UINT16	no-units		Inactive(0);Active(1)
	30019	PROT Signal: General Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30020	PROT Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30023	PROT Disturbance Number	1	UINT16	no-units		
	30024	PROT Main Fault Number	1	UINT16	no-units		
	30025	50P1 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30026	50P1 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30027	50P1 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30029	50P1 Signal: Pickup IA	1	UINT16	no-units		Inactive(0);Active(1)
	30030	50P1 Signal: Pickup IB	1	UINT16	no-units		Inactive(0);Active(1)
	30031	50P1 Signal: Pickup IC	1	UINT16	no-units		Inactive(0);Active(1)
	30032	50P1 Signal: Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30033	50P1 Signal: Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30034	50P1 Signal: Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30035	50P1 Signal: Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30036	50P1 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30037	50P1 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30038	50P2 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30039	50P2 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30040	50P2 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30042	50P2 Signal: Pickup IA	1	UINT16	no-units		Inactive(0);Active(1)
	30043	50P2 Signal: Pickup IB	1	UINT16	no-units		Inactive(0);Active(1)
	30044	50P2 Signal: Pickup IC	1	UINT16	no-units		Inactive(0);Active(1)
	30045	50P2 Signal: Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30046	50P2 Signal: Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30047	50P2 Signal: Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30048	50P2 Signal: Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30049	50P2 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30050	50P2 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	30051	50P3 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30052	50P3 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30053	50P3 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30055	50P3 Signal: Pickup IA	1	UINT16	no-units		Inactive(0);Active(1)
	30056	50P3 Signal: Pickup IB	1	UINT16	no-units		Inactive(0);Active(1)
	30057	50P3 Signal: Pickup IC	1	UINT16	no-units		Inactive(0);Active(1)
	30058	50P3 Signal: Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30059	50P3 Signal: Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30060	50P3 Signal: Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30061	50P3 Signal: Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30062	50P3 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30063	50P3 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30077	51P1 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30078	51P1 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30079	51P1 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30081	51P1 Signal: Pickup IA	1	UINT16	no-units		Inactive(0);Active(1)
	30082	51P1 Signal: Pickup IB	1	UINT16	no-units		Inactive(0);Active(1)
	30083	51P1 Signal: Pickup IC	1	UINT16	no-units		Inactive(0);Active(1)
	30084	51P1 Signal: Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30085	51P1 Signal: Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30086	51P1 Signal: Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30087	51P1 Signal: Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30088	51P1 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30089	51P1 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30090	51P2 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30091	51P2 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30092	51P2 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30094	51P2 Signal: Pickup IA	1	UINT16	no-units		Inactive(0);Active(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	30095	51P2 Signal: Pickup IB	1	UINT16	no-units		Inactive(0);Active(1)
	30096	51P2 Signal: Pickup IC	1	UINT16	no-units		Inactive(0);Active(1)
	30097	51P2 Signal: Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30098	51P2 Signal: Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30099	51P2 Signal: Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30100	51P2 Signal: Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30101	51P2 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30102	51P2 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30103	51P3 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30104	51P3 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30105	51P3 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30107	51P3 Signal: Pickup IA	1	UINT16	no-units		Inactive(0);Active(1)
	30108	51P3 Signal: Pickup IB	1	UINT16	no-units		Inactive(0);Active(1)
	30109	51P3 Signal: Pickup IC	1	UINT16	no-units		Inactive(0);Active(1)
	30110	51P3 Signal: Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	30111	51P3 Signal: Trip Phase A	1	UINT16	no-units		Inactive(0);Active(1)
	30112	51P3 Signal: Trip Phase B	1	UINT16	no-units		Inactive(0);Active(1)
	30113	51P3 Signal: Trip Phase C	1	UINT16	no-units		Inactive(0);Active(1)
	30114	51P3 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30115	51P3 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30129	50X1 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30130	50X1 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30131	50X1 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30133	50X1 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30134	50X1 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30135	50X1 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30136	50X2 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30137	50X2 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	30138	50X2 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30140	50X2 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30141	50X2 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30142	50X2 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30143	51X1 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30144	51X1 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30145	51X1 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30147	51X1 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30148	51X1 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30149	51X1 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30150	51X2 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30151	51X2 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30152	51X2 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30154	51X2 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30155	51X2 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30156	51X2 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30158	BF Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30157	BF Signal:BF-Module Started	1	UINT16	no-units		Inactive(0);Active(1)
	30162	BF Signal: Breaker Failure	1	UINT16	no-units		Inactive(0);Active(1)
	30223	CTS Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30224	CTS Signal: Pickup Current Transformer Measuring Circuit Supervision	1	UINT16	no-units		Inactive(0);Active(1)
	30227	Signal: Parameter Set 1	1	UINT16	no-units		Inactive(0);Active(1)
	30228	Signal: Parameter Set 2	1	UINT16	no-units		Inactive(0);Active(1)
	30229	Signal: Parameter Set 3	1	UINT16	no-units		Inactive(0);Active(1)
	30230	Signal: Parameter Set 4	1	UINT16	no-units		Inactive(0);Active(1)
	30231	Signal: Manual Switch over of a Parameter Set	1	UINT16	no-units		Inactive(0);Active(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	30232	Signal: Parameter Set Switch via communication	1	UINT16	no-units		Inactive(0);Active(1)
	30233	Signal: Parameter Set Switch via input function	1	UINT16	no-units		Inactive(0);Active(1)
	30234	State of the module input that should activate the setting group 1.	1	UINT16	no-units		Inactive(0);Active(1)
	30235	State of the module input that should activate the setting group 2.	1	UINT16	no-units		Inactive(0);Active(1)
	30236	State of the module input that should activate the setting group 3.	1	UINT16	no-units		Inactive(0);Active(1)
	30237	State of the module input that should activate the setting group 4.	1	UINT16	no-units		Inactive(0);Active(1)
	30238	Signal: At least 1 parameter has been changed	1	UINT16	no-units		Inactive(0);Active(1)
	30239	50R1 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30240	50R1 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30241	50R1 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30243	50R1 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30244	50R1 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30245	50R1 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30246	50R2 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30247	50R2 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30248	50R2 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30250	50R2 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30251	50R2 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30252	50R2 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	30253	51R1 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30254	51R1 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30255	51R1 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30257	51R1 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30258	51R1 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30259	51R1 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30260	51R2 Signal: active	1	UINT16	no-units		Inactive(0);Active(1)
	30261	51R2 Signal: Trip Command blocked	1	UINT16	no-units		Inactive(0);Active(1)
	30262	51R2 Signal: External Blocking of the Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	30264	51R2 Signal: Pickup Ix or Ir	1	UINT16	no-units		Inactive(0);Active(1)
	30265	51R2 Signal: Trip	1	UINT16	no-units		Inactive(0);Active(1)
	30266	51R2 Signal: Trip Command	1	UINT16	no-units		Inactive(0);Active(1)
	31030	Signal: Digital Input 1	1	UINT16	no-units		Inactive(0);Active(1)
	31031	Signal: Digital Input 2	1	UINT16	no-units		Inactive(0);Active(1)
	31032	Signal: Digital Input 3	1	UINT16	no-units		Inactive(0);Active(1)
	31033	Signal: Digital Input 4	1	UINT16	no-units		Inactive(0);Active(1)
	31038	Signal: Binary Output Relay 1	1	UINT16	no-units		Inactive(0);Active(1)
	31039	Signal: Binary Output Relay 2	1	UINT16	no-units		Inactive(0);Active(1)
	31040	Signal: Binary Output Relay 3	1	UINT16	no-units		Inactive(0);Active(1)
	35000	Signal: Communication active	1	UINT16	no-units		Inactive(0);Active(1)
	35001	Year	1	UINT16	year		
	35002	Month	1	UINT16	months		
	35003	Day	1	UINT16	days		
	35004	Hour	1	UINT16	hours		
	35005	Minute	1	UINT16	minutes		
	35006	Milliseconds	1	UINT16	milliseconds		
Meters	8260	IA fund	2	FLOAT	amperes		
	8262	IB fund	2	FLOAT	amperes		
	8264	IC fund	2	FLOAT	amperes		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	8266	IX meas fund	2	FLOAT	amperes		
	5122	I0 fund	2	FLOAT	amperes		
	5118	I1 fund	2	FLOAT	amperes		
	5120	I2 fund	2	FLOAT	amperes		
	8138	IA H2	2	FLOAT	percent		
	8140	IB H2	2	FLOAT	percent		
	8142	IC H2	2	FLOAT	percent		
	8146	IG H2	2	FLOAT	percent		
	5114	IR calc fund	2	FLOAT	amperes		
	5108	Sum trip I L1	2	FLOAT	amperes		
	5110	Sum trip I L2	2	FLOAT	amperes		
	5112	Sum trip I L3	2	FLOAT	amperes		
	5448	IA avg fund	2	FLOAT	amperes		
	5164	IA max fund	2	FLOAT	amperes		
	5144	IA min fund	2	FLOAT	amperes		
	5450	IB avg fund	2	FLOAT	amperes		
	5166	IB max fund	2	FLOAT	amperes		
	5146	IB min fund	2	FLOAT	amperes		
	5452	IC avg fund	2	FLOAT	amperes		
	5168	IC max fund	2	FLOAT	amperes		
	5148	IC min fund	2	FLOAT	amperes		
	5124	I1 avg fund	2	FLOAT	amperes		
	5136	I1 max fund	2	FLOAT	amperes		
	5130	I1 min fund	2	FLOAT	amperes		
	5126	I2 avg fund	2	FLOAT	amperes		
	5138	I2 max fund	2	FLOAT	amperes		
	5132	I2 min fund	2	FLOAT	amperes		
	5002	IA RMS	2	FLOAT	amperes		
	5004	IB RMS	2	FLOAT	amperes		
	5006	IC RMS	2	FLOAT	amperes		
	5308	IX meas RMS	2	FLOAT	amperes		
	5302	IR calc RMS	2	FLOAT	amperes		
	5060	Interval IA avg RMS	2	FLOAT	amperes		
	5062	Interval IB avg RMS	2	FLOAT	amperes		

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
	5064	Interval IC avg RMS	2	FLOAT	amperes		
	5084	Interval IA max RMS	2	FLOAT	amperes		
	5086	Interval IB max RMS	2	FLOAT	amperes		
	5088	Interval IC max RMS	2	FLOAT	amperes		
	5072	Interval IA min RMS	2	FLOAT	amperes		
	5074	Interval IB min RMS	2	FLOAT	amperes		
	5076	Interval IC min RMS	2	FLOAT	amperes		