EDR-3000R2

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
Identification	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		
PROT	30009	PROT Signal - Active	1	UINT16	no-units		Inactive(0);Active(1)
	30014	PROT Signal - General Pickup	1	UINT16	no-units		Inactive(0);Active(1)
	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)
50P1	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)
	30032	50P1 Signal - Pickup	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)
50P2	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)
	30045	50P2 Signal - Pickup	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)
50P3	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)
	30058	50P3 Signal - Pickup	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)
51P1	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)
	30084	51P1 Signal - Pickup	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)
51P2	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)
	30097	51P2 Signal - Pickup	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)
51P3	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)
	30110	51P3 Signal - Pickup	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)
50X1	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)
	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)
50X2	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)

	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)
51X1	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)
	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)
51X2	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)
	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)
79		AR - Active		UINT16	no-units	Inactive(0);Active(1)
		AR - Running		UINT16	no-units	Inactive(0);Active(1)
		AR - Dead Time between Trip and Reclose Attempt		UINT16	no-units	Inactive(0);Active(1)
		AR - Successful		UINT16	no-units	Inactive(0);Active(1)
	30001	AR - Failed	1	UINT16	no-units	Inactive(0);Active(1)
		AR - Pre Shot		UINT16	no-units	Inactive(0);Active(1)
	30005	AR - Shot 1	1	UINT16	no-units	Inactive(0);Active(1)
	30006	AR - Shot 2	1	UINT16	no-units	Inactive(0);Active(1)
	30007	AR - Shot 3	1	UINT16	no-units	Inactive(0);Active(1)
	30008	AR - Shot 4	1	UINT16	no-units	Inactive(0);Active(1)
		AR - Shot 5		UINT16	no-units	Inactive(0);Active(1)
		AR - Shot 6		UINT16	no-units	Inactive(0);Active(1)
EXP1 - External Protection		EXP1 Active		UINT16	no-units	Inactive(0);Active(1)
		EXP1 Trip Command Blocked		UINT16	no-units	Inactive(0);Active(1)

		EXP1 Alarm		UINT16	no-units	Inactive(0);Active(1)
		EXP1 Trip		UINT16	no-units	Inactive(0);Active(1)
		EXP1 Trip Command		UINT16	no-units	Inactive(0);Active(1)
EXP2 - External Protection		EXP2 Active		UINT16	no-units	Inactive(0);Active(1)
		EXP2 Trip Command Blocked		UINT16	no-units	Inactive(0);Active(1)
		EXP2 Alarm		UINT16	no-units	Inactive(0);Active(1)
		EXP2 Trip		UINT16	no-units	Inactive(0);Active(1)
		EXP2 Trip Command		UINT16	no-units	Inactive(0);Active(1)
EXP3 - External Protection		EXP3 Active		UINT16	no-units	Inactive(0);Active(1)
		EXP3 Trip Command Blocked		UINT16	no-units	Inactive(0);Active(1)
		EXP3 Alarm		UINT16	no-units	Inactive(0);Active(1)
		EXP3 Trip		UINT16	no-units	Inactive(0);Active(1)
		EXP3 Trip Command		UINT16	no-units	Inactive(0);Active(1)
EXP4 - External Protection		EXP4 Active		UINT16	no-units	Inactive(0);Active(1)
		EXP4 Trip Command Blocked		UINT16	no-units	Inactive(0);Active(1)
		EXP4 Alarm		UINT16	no-units	Inactive(0);Active(1)
		EXP4 Trip		UINT16	no-units	Inactive(0);Active(1)
		EXP4 Trip Command		UINT16	no-units	Inactive(0);Active(1)
Breaker Failure1	30158	BF Signal - Active	1	UINT16	no-units	Inactive(0);Active(1)
	30162	BF Signal - Breaker Failure Pickup	1	UINT16	no-units	Inactive(0);Active(1)
	30163	BF Signal - Breaker Failure Trip	1	UINT16	no-units	Inactive(0);Active(1)
		BF Signal - Breaker Failure Lockout		UINT16	no-units	Inactive(0);Active(1)
PROT	30023	Fault Number	1	UINT16	no-units	
PROT	30024	Grid Fault Number	1	UINT16	no-units	
AF/SS/SC	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)
	30238	Signal - At least 1 parameter has been changed	1	UINT16	no-units	Inactive(0);Active(1)
50R1	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)
	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)
50R2	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)
	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)
51R1	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)
	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)
51R2	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)
	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)

SOTF	30371	SOTF Signal - Active	1	UINT16	no-units	Inactive(0);Active(1)
	30374	SOTF Signal - Switch onto Fault Enabled	1	UINT16	no-units	Inactive(0);Active(1)
	30376	SOTF Signal - No Load Current	1	UINT16	no-units	Inactive(0);Active(1)
Cold Load	30377	CLPU Signal - Active	1	UINT16	no-units	Inactive(0);Active(1)
	30379	CLPU Signal - Cold Load Enabled	1	UINT16	no-units	Inactive(0);Active(1)
	30380	CLPU Signal - Cold Load Detected	1	UINT16	no-units	Inactive(0);Active(1)
	30381	CLPU Signal - No Load Current	1	UINT16	no-units	Inactive(0);Active(1)
		CLPU Signal - Load Inrush		UINT16	no-units	Inactive(0);Active(1)
		CLPU Signal - Settle Time		UINT16	no-units	Inactive(0);Active(1)
Breaker Wear1	30184	Breaker Wear Signal - Isum Trip	1	UINT16	no-units	Inactive(0);Active(1)
	30188	Breaker Wear Signal - Operations Alarm	1	UINT16	no-units	Inactive(0);Active(1)
		Breaker Wear Signal - Wear Level Alarm		UINT16	no-units	Inactive(0);Active(1)
		Breaker Wear Signal - Wear Level Lockout		UINT16	no-units	Inactive(0);Active(1)
		Breaker Wear Signal - Isum Alarm		UINT16	no-units	Inactive(0);Active(1)
CTS	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)
Zone Interlock1	30340	Zone Interlock1 Signal - Blocked by BF	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30341	Zone Interlock1 Signal - Active	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30342	Zone Interlock1 Signal - Trip Command blocked	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)

	30344	Zone Interlock1 Signal - Ground Out	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30345	Zone Interlock1 Signal - Ground Pickup	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30346	Zone Interlock1 Signal - Ground Trip	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30347	Zone Interlock1 Signal - Phase Out	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30348	Zone Interlock1 Signal - Phase Pickup	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30349	Zone Interlock1 Signal - Phase Trip	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30350	Zone Interlock1 Signal - ZI In	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30351	Zone Interlock1 Signal - ZI Out	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30352	Zone Interlock1 Signal - Pickup	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30353	Zone Interlock1 Signal - Trip	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	30354	Zone Interlock1 Signal - Trip Command	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
TCM1	31000	TCM1 Signal - Active	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31001	TCM1 Signal - Pickup	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
System Maintenar	31012	SYS Signal - Arc Flash reduction maintenance active	1	UINT16	no-units	Inactive(0);Active(1)
	31016	SYS Signal - Arc Flash reduction maintenance inactive	1	UINT16	no-units	Inactive(0);Active(1)
79		AR - Blocked		UINT16	no-units	Inactive(0);Active(1)

	AR - Locked Out	UINT16	no-units	Inactive(0);Active(1)
	AR - Ready	UINT16	no-units	Inactive(0);Active(1)
	AR - Standby	UINT16	no-units	Inactive(0);Active(1)
	AR - Service Alarm 1	UINT16	no-units	Inactive(0);Active(1)
	AR - Service Alarm 2	UINT16	no-units	Inactive(0);Active(1)
	AR - Shots per Hour Exceeded	UINT16	no-units	Inactive(0);Active(1)
Wired Inputs	Wired Input - Main Breaker 1 Connected	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Main Breaker 2 Connected	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Tie Breaker Connected	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Main Breaker 1 Selected to Trip	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Main Breaker 2 Selected to Trip	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Tie Breaker Selected to Trip	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - System in Auto	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - System in Manual	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Preferred Source 1	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Preferred Source 2	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Main Breaker 1 Closed	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Main Breaker 2 Closed	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Tie Breaker Closed	UINT16	no-units	Inactive(0);Active(1)
	Wired Input - Main Breaker 1 Open	UINT16	no-units	Inactive(0);Active(1)

		Wired Input - Main Breaker 2 Open		UINT16	no-units	Inactive(0);Active(1)
		Wired Input - Tie Breaker Open		UINT16	no-units	Inactive(0);Active(1)
		Wired Input - Breaker Trouble		UINT16	no-units	Inactive(0);Active(1)
CTRL		CTRL - Local		UINT16	no-units	Inactive(0);Active(1)
		CTRL - Remote		UINT16	no-units	Inactive(0);Active(1)
Breaker1		Breaker Trip Command		UINT16	no-units	Inactive(0);Active(1)
		Breaker Open Command		UINT16	no-units	Inactive(0);Active(1)
		Breaker Manual Open Command		UINT16	no-units	Inactive(0);Active(1)
		Breaker Close Command		UINT16	no-units	Inactive(0);Active(1)
		Breaker Manual Close Command		UINT16	no-units	Inactive(0);Active(1)
		Slow Breaker		UINT16	no-units	Inactive(0);Active(1)
		Reset Slow Breaker		UINT16	no-units	Inactive(0);Active(1)
	30176	Bkr1 Signal - Breaker Disturbed	1	UINT16	no-units	Inactive(0);Active(1)
	30173	Bkr1 Signal - Breaker Indeterminate	1	UINT16	no-units	Inactive(0);Active(1)
	30174	Bkr1 Signal - Breaker Open	1	UINT16	no-units	Inactive(0);Active(1)
	30175	Bkr1 Signal - Breaker Closed	1	UINT16	no-units	Inactive(0);Active(1)
	30171	Bkr1 Signal - Breaker is Ready for operation	1	UINT16	no-units	Inactive(0);Active(1)
Status	3000	Breaker/Contactor State	1	UINT16	no-units	Disturbed(0);Indeterminate(2);Open(3);Closed(4);Error(5)
DI Slot X1	31030	Signal - Slot X1 Digital Input 1	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31031	Signal - Slot X1 Digital Input 2	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)

	31032	Signal - Slot X1 Digital Input 3	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31033	Signal - Slot X1 Digital Input 4	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31034	Signal - Slot X1 Digital Input 5	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31035	Signal - Slot X1 Digital Input 6	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31036	Signal - Slot X1 Digital Input 7	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31037	Signal - Slot X1 Digital Input 8	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
RO X2	31041	RO SlotX2 Signal - Relay Outputs Disarmed	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31042	RO SlotX2 Signal - At least one relay output set by force	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31043	RO SlotX2 Signal - ZI out	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31044	RO SlotX2 Signal - Relay Output 1	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31045	RO SlotX2 Signal - Relay Output 2	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31046	RO SlotX2 Signal - Relay Output 3	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
	31047	RO SlotX2 Signal - Relay Output 4	1	UINT16	no-units	Inactive(0);Active(1);N/A(2)
		RO SlotX2 Signal - Relay Output 5		UINT16	no-units	Inactive(0);Active(1);N/A(2)
Modbus		Modbus Command 01		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 02		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 03		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 04		UINT16	no-units	Inactive(0);Active(1)

		Modbus Command 05		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 06		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 07		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 08		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 09		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 10		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 11		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 12		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 13		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 14		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 15		UINT16	no-units	Inactive(0);Active(1)
		Modbus Command 16		UINT16	no-units	Inactive(0);Active(1)
	35000	Signal - Communication Active	1	UINT16	no-units	Inactive(0);Active(1)
Service		Signal Generator Running		UINT16	no-units	Inactive(0);Active(1)
Date and Time	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	millisecon ds	
	35020	Trip Command Counter	2	UINT32	no-units	
	2108	Build	24	ASCII	no-units	
	3084	Number of Operating Hours	1	UINT16	hours	
	5422	I0 Fund	2	FLOAT	amperes	
	5426	I1 Fund	2	FLOAT	amperes	
	5430	I2 Fund	2	FLOAT	amperes	
79 - Values		AR - Number of Attempts		FLOAT	no-units	
		AR - Number of Failures		FLOAT	no-units	
		AR - Number of Successful Attempts		FLOAT	no-units	

		AR - Remaining Attempts until Service Alarm 1		FLOAT	no-units
		AR - Remaining Attempts until Service Alarm 2		FLOAT	no-units
	33000	Sum trip IA	2	FLOAT	amperes
	33002	Sum trip IB	2	FLOAT	amperes
	33004	Sum trip IC	2	FLOAT	amperes
79 - Values		AR - Current Number of Attempts		FLOAT	no-units
	33020	IR Angle Calculated	2	FLOAT	degrees-phase
	33022	IX Angle Measured	2	FLOAT	degrees-phase
	33024	IA angle	2	FLOAT	degrees-phase
	33026	IB angle	2	FLOAT	degrees-phase
	33028	IC angle	2	FLOAT	degrees-phase
	33030	IA THD	2	FLOAT	amperes
	33032	IB THD	2	FLOAT	amperes
	33034	IC THD	2	FLOAT	amperes
	9436	Percent THD Ia	2	FLOAT	percent
	9438	Percent THD Ib	2	FLOAT	percent
	9440	Percent THD Ic	2	FLOAT	percent
	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
79 - Values		AR - Max Shots Per Hour Counter		FLOAT	no-units

	5142	Phase Current Unbalance	2	FLOAT	percent
Status		Number of Operating Hours (Resettable)		FLOAT	hours
Motor/Protection/Drive Status		Breaker Open Capacity		FLOAT	percent
		Isum trip per hour		FLOAT	amps
	33116	Positive Sequence Current Max	2	FLOAT	amperes
	33118	Positive Sequence Current Min	2	FLOAT	amperes
	33122	Negative Sequence Current Max	2	FLOAT	amperes
	33124	Negative Sequence Current Min	2	FLOAT	amperes
	5250	Demand Ia	2	FLOAT	amperes
	5252	Demand Ib	2	FLOAT	amperes
	5254	Demand Ic	2	FLOAT	amperes
	5164	Ia Max	2	FLOAT	amperes
	5166	Ib Max	2	FLOAT	amperes
	5168	Ic Max	2	FLOAT	amperes
	5144	Ia Min	2	FLOAT	amperes
	5146	Ib Min	2	FLOAT	amperes
	5148	Ic Min	2	FLOAT	amperes
	32128	Ir Calculated Max	2	FLOAT	amperes
	32130	Ir Calculated Min	2	FLOAT	amperes
	32134	Ix Measured Max	2	FLOAT	amperes
	32136	Ix Measured Min	2	FLOAT	amperes
	32140	Phase Current Unbalance Interval Max	2	FLOAT	percent
	32142	Phase Current Unbalance Interval Min	2	FLOAT	percent
	5014	Peak Demand Ia	2	FLOAT	amperes
	5016	Peak Demand Ib	2	FLOAT	amperes
	5018	Peak Demand Ic	2	FLOAT	amperes

Control		Acknowledge - LEDs		UINT16	no-units	Yes
		Acknowledge - Relay Outputs		UINT16	no-units	Yes
		Acknowledge - Comm		UINT16	no-units	Yes
		Acknowledge - Device		UINT16	no-units	Yes
	2204	Acknowledge - Trip Command	1	INT16	no-units	Yes
		Reset - Modbus Counter		UINT16	no-units	Yes
		Reset - BKR Isum Trip		UINT16	no-units	Yes
		Comm Command 01		UINT16	no-units	Yes
		Comm Command 02		UINT16	no-units	Yes
		Set Parameter Set 1		UINT16	no-units	Yes
		Set Parameter Set 2		UINT16	no-units	Yes
	2220	Breaker-Contactor	1	INT16	no-units	Yes