PXM2000							
Category	**Modbus TCP Register**	**Description**	**Register Count**	**Type ID**	**Units**	**Writable**	**Possible Values**
PXM2250, 2260, 2270							
System ID	1032	Vendor Name	32	STRING	no-units	No	
	1064	Model Name	32	STRING	no-units	No	
	1096	Display Name	32	STRING	no-units	Yes	
	1276	Serial Number	32	STRING	no-units	No	
	2108	Software Version	24	STRING	no-units	No	
	1355	Nominal Voltage	2	UINT	volts	Yes	
	1361	Phases to Display on Meter Front	1	UINT	no-units	Yes	1;2;3
	1605	Field Replaceable Unit	1	UINT	no-units	Yes	true;false
	1668	Nominal Frequency	1	UINT	hertz	No	
	1810	Output Current Rating	1	UINT	amperes	Yes	
Status	3000	Status	1	UINT	no-units	No	Off(0);Normal(1);Limp mode(2);Warmup(3);Unknown(4);Unknown(5);Boot up(6);Boot up(7)
Meters	4002	Vab	2	FLOAT	volts	No	
	4004	Vbc	2	FLOAT	volts	No	
	4006	Vca	2	FLOAT	volts	No	
	4008	V(L-L) Average	2	FLOAT	volts	No	
	4010	Van	2	FLOAT	volts	No	
	4012	Vbn	2	FLOAT	volts	No	
	4014	Vcn	2	FLOAT	volts	No	
	4016	V(L-N) Average	2	FLOAT	volts	No	
	4497	Phase Angle Vab	2	FLOAT	degrees-phase	No	
	4499	Phase Angle Vbc	2	FLOAT	degrees-phase	No	
	4501	Phase Angle Vca	2	FLOAT	degrees-phase	No	
	4525	V(L-L) Average - Long-term Average	2	FLOAT	volts	No	
	4527	V(L-N) Average - Long-term Average	2	FLOAT	volts	No	
	5002	Ia	2	FLOAT	amperes	No	
	5004	Ib	2	FLOAT	amperes	No	
	5006	Ic	2	FLOAT	amperes	No	
	5010	In	2	FLOAT	amperes	No	
	5012	Iavg	2	FLOAT	amperes	No	
	5014	Demand Ia Peak	2	FLOAT	amperes	No	
	5016	Demand Ib Peak	2	FLOAT	amperes	No	
	5018	Demand Ic Peak	2	FLOAT	amperes	No	
	5250	Demand Ia	2	FLOAT	amperes	No	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
Meters	5252	Demand Ib	2	FLOAT	amperes	No	
	5254	Demand Ic	2	FLOAT	amperes	No	
	5258	Demand In	2	FLOAT	amperes	No	
	5262	Demand In Peak	2	FLOAT	amperes	No	
	5338	Phase Angle Ia	2	FLOAT	degrees-phase	No	
	5340	Phase Angle Ib	2	FLOAT	degrees-phase	No	
	5342	Phase Angle Ic	2	FLOAT	degrees-phase	No	
	5448	Ia - Long-term Average	2	FLOAT	amperes	No	
	5450	Ib - Long-term Average	2	FLOAT	amperes	No	
	5452	Ic - Long-term Average	2	FLOAT	amperes	No	
	5454	In - Long-term Average	2	FLOAT	amperes	No	
	5546	Time of Peak Demand Ia	3	DATE	no-units	No	
	5549	Time of Peak Demand Ib	3	DATE	no-units	No	
	5552	Time of Peak Demand Ic	3	DATE	no-units	No	
	5555	Time of Peak Demand In	3	DATE	no-units	No	
	6000	Real Power Phase A	2	FLOAT	watts	No	
	6002	Real Power Phase B	2	FLOAT	watts	No	
	6004	Real Power Phase C	2	FLOAT	watts	No	
	6006	Real Power	2	FLOAT	watts	No	
	6064	Apparent Power Phase A	2	FLOAT	volt-amperes	No	
	6066	Apparent Power Phase B	2	FLOAT	volt-amperes	No	
	6068	Apparent Power Phase C	2	FLOAT	volt-amperes	No	
	6070	Apparent Power	2	FLOAT	volt-amperes	No	
	6128	Reactive Power Phase A	2	FLOAT	volt-amperes-reactive	No	
	6130	Reactive Power Phase B	2	FLOAT	volt-amperes-reactive	No	
	6132	Reactive Power Phase C	2	FLOAT	volt-amperes-reactive	No	
	6134	Reactive Power	2	FLOAT	volt-amperes-reactive	No	
	6212	PF App Phase A	2	FLOAT	power-factor	No	
	6214	PF App Phase B	2	FLOAT	power-factor	No	
	6216	PF App Phase C	2	FLOAT	power-factor	No	
	6220	PF Apparent	2	FLOAT	power-factor	No	
	6316	PF App Total Interval Avg	2	FLOAT	power-factor	No	
	7004	Forward Real Energy	2	FLOAT	watt-hours	No	
	7006	Reverse Real Energy	2	FLOAT	watt-hours	No	
	7008	Net Real Energy	2	FLOAT	watt-hours	No	
	7010	Leading Reactive Energy	2	FLOAT	volt-ampere-reactive-hours	No	
	7012	Lagging Reactive Energy	2	FLOAT	volt-ampere-reactive-hours	No	
	7014	Net Reactive Energy	2	FLOAT	volt-ampere-reactive-hours	No	
	7016	Apparent Energy	2	FLOAT	volt-ampere-hours	No	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
Meters	7025	Demand Sum Watts	2	FLOAT	watts	No	
	7027	Demand Net Watts	2	FLOAT	watts	No	
	7031	Demand Sum VARs	2	FLOAT	volt-amperes-reactive	No	
	7033	Demand Net VARs	2	FLOAT	volt-amperes-reactive	No	
	7037	Time Last Demand Window	3	DATE	no-units	No	
	7165	Demand Type	1	UINT	no-units	Yes	Fixed(1);Sliding(2);Sync(3);Unknown(4)
	7166	Demand Interval	2	FLOAT	minutes	No	5;10;15;20;30;45;60
	7168	Demand Subinterval	2	FLOAT	minutes	Yes	5;15;30;60
	7170	Interval Demand Forward Watts	2	FLOAT	watts	No	
	7172	Interval Demand Reverse Watts	2	FLOAT	watts	No	
	7174	Interval Demand Lagging VARs	2	FLOAT	volt-amperes-reactive	No	
	7176	Interval Demand Leading VARs	2	FLOAT	volt-amperes-reactive	No	
	7178	Interval Demand VAs	2	FLOAT	volt-amperes	No	
	7220	Demand Forward Watts	2	FLOAT	watts	No	
	7222	Peak Demand Forward Watts	2	FLOAT	watts	No	
	7224	Peak Demand Forward Watts Time	3	DATE		No	
	7262	Demand Reverse Watts	2	FLOAT	watts	No	
	7264	Peak Demand Reverse Watts	2	FLOAT	watts	No	
	7266	Peak Demand Reverse Watts Time	3	DATE	no-units	No	
	7303	Demand Lagging VARs	2	FLOAT	volt-amperes-reactive	No	
	7305	Peak Demand Lagging VARs	2	FLOAT	volt-amperes-reactive	No	
	7307	Peak Demand Lagging VARs Time	3	DATE	no-units	No	
	7345	Demand Leading VARs	2	FLOAT	volt-amperes-reactive	No	
	7347	Peak Demand Leading VARs	2	FLOAT	volt-amperes-reactive	No	
	7349	Peak Demand Leading VARs Time	3	DATE	no-units	No	
	7387	Demand VAs	2	FLOAT	volt-amperes	No	
	7389	Peak Demand VAs	2	FLOAT	volt-amperes	No	
	7391	Peak Demand VAs Time	3	DATE	no-units	No	
	7429	Demand Current (3 Phase Avg)	2	FLOAT	amperes	No	
	7431	Peak Demand Amps Avg	2	FLOAT	amperes	No	
	7628	Total Reactive Energy	2	FLOAT	volt-ampere-reactive-hours	No	
	7679	Total Real Energy	2	FLOAT	watt-hours	No	
	7683	Peak Demand Sum Watts	2	FLOAT	watts	No	
	7688	Peak Demand Net Watts	2	FLOAT	watts	No	
	7693	Peak Demand Sum VARs	2	FLOAT	volt-amperes-reactive	No	
	7698	Peak Demand Net VARs	2	FLOAT	volt-amperes-reactive	No	
	7700	Time Peak Demand Net VARs	3	DATE	no-units	No	
	7707	Interval Demand Sum Watts	2	FLOAT	watts	No	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
Meters	7709	Interval Demand Sum VARs	2	FLOAT	volt-amperes-reactive	No	
	7831	Power Factor at Peak Demand Forward Watts	2	FLOAT	power-factor	No	
	7841	Power Factor at Peak Demand Reverse Watts	2	FLOAT	power-factor	No	
	7849	Power Factor at Peak Demand VA	2	FLOAT	power-factor	No	
	7851	Power Factor at Peak Demand Leading Vars	2	FLOAT	power-factor	No	
	7853	Power Factor at Peak Demand Lagging Vars	2	FLOAT	power-factor	No	
	7855	Interval Demand Net Watts	2	FLOAT	watts	No	
	7857	Interval Demand Net VARs	2	FLOAT	volt-amperes-reactive	No	
	11000	Frequency	2	FLOAT	hertz	No	
	11036	Frequency - Long-term Average	2	FLOAT	hertz	No	
	12234	Time of Last Start	3	DATE	no-units	No	
	3019	A Restart is Pending	0			No	true;false
	25100	Vab (minimum value)	2	FLOAT	volts	No	
	25102	Vab (minimum value) -- Date	3	DATE		No	
	25105	Vab (maximum value)	2	FLOAT	volts	No	
	25107	Vab (maximum value) -- Date	3	DATE		No	
	25110	Vbc (minimum value)	2	FLOAT	volts	No	
	25112	Vbc (minimum value) -- Date	3	DATE		No	
	25115	Vbc (maximum value)	2	FLOAT	volts	No	
	25117	Vbc (maximum value) -- Date	3	DATE		No	
	25120	Vca (minimum value)	2	FLOAT	volts	No	
	25122	Vca (minimum value) -- Date	3	DATE		No	
	25125	Vca (maximum value)	2	FLOAT	volts	No	
	25127	Vca (maximum value) -- Date	3	DATE		No	
	25130	Van (minimum value)	2	FLOAT	volts	No	
	25132	Van (minimum value) -- Date	3	DATE		No	
	25135	Van (maximum value)	2	FLOAT	volts	No	
	25137	Van (maximum value) -- Date	3	DATE		No	
	25140	Vbn (minimum value)	2	FLOAT	volts	No	
	25142	Vbn (minimum value) -- Date	3	DATE		No	
	25145	Vbn (maximum value)	2	FLOAT	volts	No	
	25147	Vbn (maximum value) -- Date	3	DATE		No	
	25150	Vcn (minimum value)	2	FLOAT	volts	No	
	25152	Vcn (minimum value) -- Date	3	DATE		No	
	25155	Vcn (maximum value)	2	FLOAT	volts	No	
	25157	Vcn (maximum value) -- Date	3	DATE		No	
	25200	Demand Ia Peak -- Date	3	DATE		No	
	25203	Demand Ib Peak -- Date	3	DATE		No	
	25206	Demand Ic Peak -- Date	3	DATE		No	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
Meters	25209	Demand In Peak -- Date	3	DATE		No	
	25212	Peak Demand Amps Avg -- Date	3	DATE		No	
	25215	Peak Demand Forward Watts -- Date	3	DATE		No	
	25218	Peak Demand Reverse Watts -- Date	3	DATE		No	
	25221	Peak Demand Lagging VARs -- Date	3	DATE		No	
	25224	Peak Demand Leading VARs -- Date	3	DATE		No	
	25227	Peak Demand VAs -- Date	3	DATE		No	
	25230	Peak Demand Net Watts -- Date	3	DATE		No	
	25233	Peak Demand Sum Watts -- Date	3	DATE		No	
	25236	Peak Demand Net VARs -- Date	3	DATE		No	
	25239	Peak Demand Sum VARs -- Date	3	DATE		No	
	25360	Frequency (minimum value)	2	FLOAT	hertz	No	
	25362	Frequency (minimum value) -- Date	3	DATE		No	
	25365	Frequency (maximum value)	2	FLOAT	hertz	No	
	25367	Frequency (maximum value) -- Date	3	DATE		No	
	25400	Event 1 (Latest)	125	STRING		No	
	25525	Event 2	125	STRING		No	
	25650	Event 3	125	STRING		No	
	25775	Event 4	125	STRING		No	
	25900	Event 5	125	STRING		No	
	26025	Event 6	125	STRING		No	
	26150	Event 7	125	STRING		No	
	26275	Event 8	125	STRING		No	
	26400	Event 9	125	STRING		No	
	26525	Event 10	125	STRING		No	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
PXM2260, 2270							
Meters	8154	Percent THD Van	2	FLOAT	percent	No	
	8156	Percent THD Vbn	2	FLOAT	percent	No	
	8158	Percent THD Vcn	2	FLOAT	percent	No	
	9436	Percent THD Ia	2	FLOAT	percent	No	
	9438	Percent THD Ib	2	FLOAT	percent	No	
	9440	Percent THD Ic	2	FLOAT	percent	No	
	25300	Percent THD Van (minimum value)	2	FLOAT	percent	No	
	25302	Percent THD Van (minimum value) -- Date	3	DATE		No	
	25305	Percent THD Van (maximum value)	2	FLOAT	percent	No	
	25307	Percent THD Van (maximum value) -- Date	3	DATE		No	
	25310	Percent THD Vbn (minimum value)	2	FLOAT	percent	No	
	25312	Percent THD Vbn (minimum value) -- Date	3	DATE		No	
	25315	Percent THD Vbn (maximum value)	2	FLOAT	percent	No	
	25317	Percent THD Vbn (maximum value) -- Date	3	DATE		No	
	25320	Percent THD Vcn (minimum value)	2	FLOAT	percent	No	
	25322	Percent THD Vcn (minimum value) -- Date	3	DATE		No	
	25325	Percent THD Vcn (maximum value)	2	FLOAT	percent	No	
	25327	Percent THD Vcn (maximum value) -- Date	3	DATE		No	
	25330	Percent THD Ia (minimum value)	2	FLOAT	percent	No	
	25332	Percent THD Ia (minimum value) -- Date	3	DATE		No	
	25335	Percent THD Ia (maximum value)	2	FLOAT	percent	No	
	25337	Percent THD Ia (maximum value) -- Date	3	DATE		No	
	25340	Percent THD Ib (minimum value)	2	FLOAT	percent	No	
	25342	Percent THD Ib (minimum value) -- Date	3	DATE		No	
	25345	Percent THD Ib (maximum value)	2	FLOAT	percent	No	
	25347	Percent THD Ib (maximum value) -- Date	3	DATE		No	
	25350	Percent THD Ic (minimum value)	2	FLOAT	percent	No	
	25352	Percent THD Ic (minimum value) -- Date	3	DATE		No	
	25355	Percent THD Ic (maximum value)	2	FLOAT	percent	No	
	25357	Percent THD Ic (maximum value) -- Date	3	DATE		No	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
2 Relay Out/2 Digital In Card							
I/O Card	1032	Vendor Name	32	STRING	no-units	No	
	1064	Model Name	32	STRING	no-units	No	
	1096	Display Name	32	STRING	no-units	Yes	
	1276	Serial Number	32	STRING	no-units	No	
	2108	Software Version	24	STRING	no-units	No	
	1605	Field Replaceable Unit	1	UINT	no-units	Yes	true;false
	10000	Input 1 Accumulator - Scaled	2	UINT	no-units	No	
	10002	Input 2 Accumulator - Scaled	2	UINT	no-units	No	
	10262	Relay 1	1	UINT	no-units	No	Closed;Open
	10263	Relay 2	1	UINT	no-units	No	Closed;Open
	10283	Digital Input 1	1	UINT	no-units	No	Closed;Open
	10284	Digital Input 2	1	UINT	no-units	No	Closed;Open

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27000	Limit ID #1	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27001	Limit #1 Above Setpoint	2	FLOAT	percent	Yes	
	27003	Limit #1 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27005	Limit #1 Below Setpoint	2	FLOAT	percent	Yes	
	27007	Limit #1 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27009	Limit ID #2	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27010	Limit #2 Above Setpoint	2	FLOAT	percent	Yes	
	27012	Limit #2 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27014	Limit #2 Below Setpoint	2	FLOAT	percent	Yes	
	27016	Limit #2 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27018	Limit ID #3	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27019	Limit #3 Above Setpoint	2	FLOAT	percent	Yes	
	27021	Limit #3 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27023	Limit #3 Below Setpoint	2	FLOAT	percent	Yes	
	27025	Limit #3 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27027	Limit ID #4	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27028	Limit #4 Above Setpoint	2	FLOAT	percent	Yes	
	27030	Limit #4 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27032	Limit #4 Below Setpoint	2	FLOAT	percent	Yes	
	27034	Limit #4 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27036	Limit ID #5	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27037	Limit #5 Above Setpoint	2	FLOAT	percent	Yes	
	27039	Limit #5 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27041	Limit #5 Below Setpoint	2	FLOAT	percent	Yes	
	27043	Limit #5 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27045	Limit ID #6	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27046	Limit #6 Above Setpoint	2	FLOAT	percent	Yes	
	27048	Limit #6 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27050	Limit #6 Below Setpoint	2	FLOAT	percent	Yes	
	27052	Limit #6 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27054	Limit ID #7	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27055	Limit #7 Above Setpoint	2	FLOAT	percent	Yes	
	27057	Limit #7 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27059	Limit #7 Below Setpoint	2	FLOAT	percent	Yes	
	27061	Limit #7 Below Return Hysteresis	2	FLOAT	percent	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27063	Limit ID #8	1	UINT	no-units	Yes	Assigned(0);Van(999);Vbn(1001);Vcn(1003);Vab(1005);Vbc(1007);Vca(1009);Ia(1011);Ib(1013);Ic(1015);Total Watts(1017);Total VARs(1019);Total VA(1021);Total PF(1023);Frequency(1025);In(1027);Watts Phase A(1029);Watts Phase B(1031);Watts Phase C(1033);VARs Phase A(1035);VARs Phase B(1037);VARs Phase C(1039);VA Phase A(1041);VA Phase B(1043);VA Phase C(1045);PF Phase A(1047);PF Phase B(1049);PF Phase C(1051);Demand Ia(1999);Demand Ib(2001);Demand Ic(2003);Demand Forward Watts(2005);Demand Lagging VARs(2007);Demand Reverse Watts(2009);Demand Leading VARs(2011);Demand VAs(2013);Avg Demand Lagging PF(2015);Avg Demand Leading PF(2017);Demand In(2019);Avg Demand Lagging PF Phase A(2051);Avg Demand Lagging PF Phase B(2053);Avg Demand Lagging PF Phase C(2055);Avg Demand Leading PF Phase A(2057);Avg Demand Leading PF
	27064	Limit #8 Above Setpoint	2	FLOAT	percent	Yes	
	27066	Limit #8 Above Return Hysteresis	2	FLOAT	percent	Yes	
	27068	Limit #8 Below Setpoint	2	FLOAT	percent	Yes	
	27070	Limit #8 Below Return Hysteresis	2	FLOAT	percent	Yes	
	27100	Input 1 Label	16	STRING	no-units	Yes	
	27116	Input 2 Label	16	STRING	no-units	Yes	
	27164	Input 1 Accumulator Label	16	STRING	no-units	Yes	

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
I/O Card	27180	Input 2 Accumulator Label	16	STRING	no-units	Yes	
	27228	Input 1 Open State Name	8	STRING	no-units	Yes	
	27236	Input 1 Closed State Name	8	STRING	no-units	Yes	
	27244	Input 2 Open State Name	8	STRING	no-units	Yes	
	27252	Input 2 Closed State Name	8	STRING	no-units	Yes	
	27292	Trigger Level for Input 1	1	UINT	no-units	Yes	Disabled(0);Open To Close(1);Close To Open(2);Any Transition(3)
	27293	Trigger Level for Input 2	1	UINT	no-units	Yes	Disabled(0);Open To Close(1);Close To Open(2);Any Transition(3)
	27296	Select Input 1 as End of Interval	1	UINT	no-units	Yes	Enabled;Disabled
	27297	Select Input 2 as End of Interval	1	UINT	no-units	Yes	Enabled;Disabled
	27298	Input 1 Accumulator Divisor	1	UINT	no-units	Yes	by1(0);by10(1);by100(2);by1000(3);by10000(4);by100000(5);Accumulator Disabled(15)
	27299	Input 2 Accumulator Divisor	1	UINT	no-units	Yes	by1(0);by10(1);by100(2);by1000(3);by10000(4);by100000(5);Accumulator Disabled(15)
	27302	Input 1 Accumulator Kt	1	UINT	no-units	Yes	
	27303	Input 2 Accumulator Kt	1	UINT	no-units	Yes	
	27480	Relay 1 Label	16	STRING	no-units	Yes	
	27496	Relay 2 Label	16	STRING	no-units	Yes	
	27512	Relay 1 Open State Name	16	STRING	no-units	Yes	
	27528	Relay 1 Closed State Name	16	STRING	no-units	Yes	
	27544	Relay 2 Open State Name	16	STRING	no-units	Yes	
	27560	Relay 2 Closed State Name	16	STRING	no-units	Yes	
	27576	Relay 1 Accumulator - Scaled	1	UINT	no-units	No	
	27577	Relay 2 Accumulator - Scaled	1	UINT	no-units	No	
	27582	Relay 1 Delay to Operate	1	UINT	tenth-seconds	Yes	
	27583	Relay 1 Delay to Release	1	UINT	tenth-seconds	Yes	
	27584	Relay 2 Delay to Operate	1	UINT	tenth-seconds	Yes	
	27585	Relay 2 Delay to Release	1	UINT	tenth-seconds	Yes	
	27586	Relay 1 Accumulator Divisor	1	UINT	no-units	Yes	by1(0);by10(1);by100(2);by1000(3);by10000(4);by100000(5);Accumulator Disabled(15)
	27587	Relay 2 Accumulator Divisor	1	UINT	no-units	Yes	by1(0);by10(1);by100(2);by1000(3);by10000(4);by100000(5);Accumulator Disabled(15)