

Power Xpert Meter 2000 Modbus TCP Register List

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		

Power Xpert Meter 2000 Modbus TCP Register List

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	

Power Xpert Meter 2000 Modbus TCP Register List

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	

Power Xpert Meter 2000 Modbus TCP Register List

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	

Power Xpert Meter 2000 Modbus TCP Register List

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	

Power Xpert Meter 2000 Modbus TCP Register List

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	

Power Xpert Meter 2000 Modbus TCP Register List

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

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27000	Limit ID #1	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27009	Limit ID #2	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27018	Limit ID #3	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27027	Limit ID #4	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27036	Limit ID #5	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27045	Limit ID #6	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27054	Limit ID #7	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

Category	Modbus TCP Register	Description	Register Count	Type ID	Units	Writable	Possible Values
							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
I/O Card	27063	Limit ID #8	1	UINT	no-units	Yes	
	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	

Power Xpert Meter 2000 Modbus TCP Register List

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)