www.janitza.com

Dok. Nr. 2.063.011.0.a 09/2021

BCM Power Analyser

UMG 804

Modbus address list
(for firmware version 1.126 or higher)

Janitza electronics GmbH
Vor dem Polstück 6
D-35633 Lahnau
Support Tel. 0049 6441 9642-22
e-mail: info@janitza.com
www.janitza.com

Janitza®

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Meter Information														
Serial Number		1	2		UINT32			Device Object	Serial_Number	R	NV			
Bootloader Version		3			UINT16					R	NV			
Firmware Version		4			UINT16			Device Object	Firmware_Revision	R	NV			
Device ID		5			UINT16					R/W/L	NV		22000	*22000 = Janitza Pointmap*
Power Up Counter		6			UINT16					R	NV			
Uptime		7	8		UINT32					R	NV	Seconds		
Device Health		9			BITS					R	NV			*Bit0 - Invalid Configuraiton Panel 1 (Port 1&2), Bit1 Invalid Configuration Panel 2 (Port 3&4)*
Smart Product ID #1		10			UINT16					R	NV			
Smart Product ID #2		11			UINT16					R	NV		See Notes	*0=Nothing Connected, 1=DIN RAIL CT Interface Card, 4=DIN RAIL CT Interface Floating Board*
Smart Product ID #3		12			UINT16					R	NV			
Smart Product ID #4		13			UINT16					R	NV			
Smart Port #1 Serial Number		14	15		UINT32					R	NV			
Smart Port #2 Serial Number		16	17		UINT32					R	NV			*The Serial Number of the first device connected to the Smart Port will be displayed when multiple devices (i.e. Busway) are dasiy chained. Refer to Smart Port registers, starting at register 1942 for information about all devices connected to Smart Port.*
Smart Port #3 Serial Number		18	19		UINT32					R	NV			
Smart Port #4 Serial Number		20	21		UINT32					R	NV			
Smart Port #1 Firmware Version		22			UINT16					R	NV			
Smart Port #2 Firmware Version		23			UINT16					R	NV			*The Firmware Version of the first device connected to the Smart Port will be displayed when multiple devices (i.e. Busway) are daisy chained. Refer to Smart Port registers, starting at register 1942 for information about all devices connected to Smart Port.*
Smart Port #3 Firmware Version		24			UINT16					R	NV			
Smart Port #4 Firmware Version		25			UINT16					R	NV			
MAC Address (Bit 33-48)		26								R	NV			
MAC Address (Bit 17-32)		27						Network Port	1	R	NV			
MAC Address (Bit 1-16)		28								R	NV			
Brand Name (16 Registers)		29	44							R	NV			
Model Name (16 Register)		45	60					Device Object	Model_Name	R	NV			*Brand Name, Model Name and Device Name supports up to 32 characters (16 registers)*
Device Name (16 Registers)		61	76					Device Object	Object_Name	R/W/L	NV			
Circuit Configuration Locked		77			BITS					R	NV			*Bit0 - Settings have been locked through Config File or Web Pages and cannot be changed*
Meter Configuration														
Demand # of Sub-Intervals		100			UINT16			Analog Value	1	R/W/L	NV		1 - 6	
Demand Sub-Interval Length		101			UINT16			Analog Value	2	R/W/L	NV	Seconds	0, 10 - 32767	*0 = Sync to Comms*
Demand Time Stamp (Year)		102			UINT16					R		Year		*Years since 1900 (118 = 2018)*
Demand Time Stamp (Month)		103			UINT16					R		Month	0 - 11	*Month (0 = January)*
Demand Time Stamp (Day)		104			UINT16					R		Day	1 - 31	*Day of the Month*
Demand Time Stamp (Weekday)		105			UINT16					R		Weekday	0 - 6	*Weekday (1 = Monday)*
Demand Time Stamp (Hour)		106			UINT16					R		Hour	0 - 23	*Hour (13 = 1PM)*
Demand Time Stamp (Minute)		107			UINT16					R		Minute	0 - 59	*Minute*
Demand Time Stamp (Second)		108			UINT16					R		Seconds	0 - 59	*Second*
														Writing to RTC will disable NTP by clearing out URL and/or IP Address
Real Time Clock (Year)		109			UINT16					R/W/L		Year		*Years since 1900 (118 = 2018)*
Real Time Clock (Month)		110			UINT16			Device Object	Local_Date	R/W/L		Month	0 - 11	*Month (0 = January)*
Real Time Clock (Day)		111			UINT16					R/W/L		Day	1 - 31	*Day of the Month*
Real Time Clock (Weekday)		112			UINT16					R/W/L		Weekday	0 - 6	*Weekday (1 = Monday)*
Real Time Clock (Hour)		113			UINT16					R/W/L		Hour	0 - 23	*Hour (13 = 1PM)*
Real Time Clock (Min)		114			UINT16			Device Object	Local_Time	R/W/L		Minute	0 - 59	*Minute*
Real Time Clock (Second)		115			UINT16					R/W/L		Seconds	0 - 59	*Second*
Digital Output #1		116						Binary Output	1	R/W			0, 1	
Digital Output #2		117						Binary Output	2	R/W			0, 1	
Digital Input #1 State		118						Binary Input	1	R			0, 1	
Digital Input #2 State		119						Binary Input	2	R			0, 1	

Yellow text indicates features which are not yet implemented		Modbus Registers Integer				Float		Bacnet Objects		R - Read W - Write L - Lock				
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Digital Input #1 Counter		120	121		UINT32					R/W	NV			
Digital Input #1 Counter		122	123		UINT32					R/W	NV			
Modbus Slave Address		124			UINT16					R/W/L	NV		1 - 254	
Modbus TCP Port		125			UINT16					R/W/L	NV		502	
IP Address		126	127							R/W/L	NV			
Gateway		128	129					Network Port	1	R/W/L	NV			*Meter must be rebooted for new network settings to affect.*
Mask		130	131							R/W/L	NV			*Device can be rebooted remotely using Global Reset/Command (Register 192)*
NTP		132	133							R/W/L	NV			*Write to NTP register over Modbus will clear the NTP string in webserver*
DNS		134	135							R/W/L	NV			
DHCP		136			BITS					R/W/L	NV		0, 1	*Meter must be rebooted for new network settings to affect.*
Reserved		137												
SMTP		138	139							R	NV			
Baudrate		140	141		UINT32					R/W/L	NV	Baud	0 - 4	*0 = 9600, 1 = 19200, 2 = 38400, 3 = 57600, 4 = 76800 (Value can be written to MSW or LSW)*
Parity		142								R	NV			
Stop Bits		143								R	NV			
Dip Switch Enabled		144			BITS					R	NV		0, 1	*Disabled in Firmware Version 1.121 (Always 0)*
Dips Switch Value		145			UINT16					R				*Disabled in Firmware Version 1.121 (Always 1)*
RS485 Gateway Passthrough Enabled		146								R	NV			
Panel 1 (Smart Port 1&2) Configuration		147						Analog Value	3	R/W/L	NV		0 - 4	*0 = Top Feed, 1 = Bottom Feed, 2 = Single Row Sequential,*
Panel 2 (Smart Port 3&4) Configuration		148						Analog Value	4	R/W/L	NV		0 - 4	*3 = Single Row Odd/Even, 4 = Sequential*
CT Compensation Enabled		149			BITS			Analog Value	5	R/W/L	NV		0 - 3	*Bit0 = No Longer Used, Compensation Determined by CT Type Registers, Bit1 = Active Only With Schneider Adapter Board (0-VAC Compensation,1-Vitec Compensation), Bit2 = No Longer Used, DC CT Set using CT Type Registers*
System Voltage		150			UINT16			Analog Value	697	R/W/L	NV		0 - 65535	*LL System Voltage used for Voltage Events*
PT Ratio		151		-3	UINT16			Analog Value	698	R/W/L	NV		0 - 65535	*1000 = 1.000*
Protocols Enabled		152			BITS					R/W/L	NV			*Bit0 - BACnet IP, Bit1 - SNMP, Bit2 - Modbus RTU, Bit3 - Modbus TCP, Bit4 - Webserver (Set Bit to enable protocol, Clear Bit to disable protocol) Only BACnet IP can be disabled at this time*
Pi (Integer)		153		-4	UINT16					R				*Always Read 31415*
Pi (Floating Point)						154	155			R				*Always Read 3.14159265358979*
Noise Filter Setting		156			UINT16			Analog Value	699	R/W/L	NV			*0 = Disable*
Circuit Configuration														
Global CT Size		190			UINT16			Analog Value	6	R/W/L	NV		0 - 32000	*(Always Reads 0) Writing this register will set all branches to same CT size*
Global Breaker Size		191			UINT16			Analog Value	7	R/W/L	NV		0 - 32000	*(Always Reads 0) Writing this register will set all branches to same breaker size*
Global Reset/Command		192			UINT16			Analog Value	8	R/W	NV		See Notes	*12345 = Reboot Device, 20097 = Reset Max Demand, 24658 = Clear True Meter Assignment 24659 = Reset True Meter to Default, 26012 = New Demand SubInterval 26013 = Reset Demand, 27212 = Reset Voltage Event Counter, 29877 = Reset Max kW and Current, 31010 = Clear All Latching Alarms, 32123 = Start Waveform Capture (All Circuits)*
Global CT Type/Compensation		193			UINT16			Analog Value	9	R/W/L	NV			*Writing this register will set all branches to same CT Type, See Registers 680 - 775 for CT Types*
CT Size		200	295		UINT16			Analog Value	10 - 105	R/W/L	NV	Amps	0 - 32000	*Writing CT Size will set CT Type to typical value based on type*
CT Size - Circuit 1	1	200			UINT16			Analog Value	10	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 2	2	201			UINT16			Analog Value	11	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 3	3	202			UINT16			Analog Value	12	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 4	4	203			UINT16			Analog Value	13	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 5	5	204			UINT16			Analog Value	14	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 6	6	205			UINT16			Analog Value	15	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 7	7	206			UINT16			Analog Value	16	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 8	8	207			UINT16			Analog Value	17	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 9	9	208			UINT16			Analog Value	18	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 10	10	209			UINT16			Analog Value	19	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 11	11	210			UINT16			Analog Value	20	R/W/L	NV	Amps	0 - 32000	

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
CT Size - Circuit 12	12	211			UINT16			Analog Value	21	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 13	13	212			UINT16			Analog Value	22	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 14	14	213			UINT16			Analog Value	23	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 15	15	214			UINT16			Analog Value	24	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 16	16	215			UINT16			Analog Value	25	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 17	17	216			UINT16			Analog Value	26	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 18	18	217			UINT16			Analog Value	27	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 19	19	218			UINT16			Analog Value	28	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 20	20	219			UINT16			Analog Value	29	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 21	21	220			UINT16			Analog Value	30	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 22	22	221			UINT16			Analog Value	31	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 23	23	222			UINT16			Analog Value	32	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 24	24	223			UINT16			Analog Value	33	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 25	25	224			UINT16			Analog Value	34	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 26	26	225			UINT16			Analog Value	35	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 27	27	226			UINT16			Analog Value	36	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 28	28	227			UINT16			Analog Value	37	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 29	29	228			UINT16			Analog Value	38	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 30	30	229			UINT16			Analog Value	39	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 31	31	230			UINT16			Analog Value	40	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 32	32	231			UINT16			Analog Value	41	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 33	33	232			UINT16			Analog Value	42	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 34	34	233			UINT16			Analog Value	43	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 35	35	234			UINT16			Analog Value	44	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 36	36	235			UINT16			Analog Value	45	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 37	37	236			UINT16			Analog Value	46	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 38	38	237			UINT16			Analog Value	47	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 39	39	238			UINT16			Analog Value	48	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 40	40	239			UINT16			Analog Value	49	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 41	41	240			UINT16			Analog Value	50	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 42	42	241			UINT16			Analog Value	51	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 43	43	242			UINT16			Analog Value	52	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 44	44	243			UINT16			Analog Value	53	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 45	45	244			UINT16			Analog Value	54	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 46	46	245			UINT16			Analog Value	55	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 47	47	246			UINT16			Analog Value	56	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 48	48	247			UINT16			Analog Value	57	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 49	49	248			UINT16			Analog Value	58	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 50	50	249			UINT16			Analog Value	59	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 51	51	250			UINT16			Analog Value	60	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 52	52	251			UINT16			Analog Value	61	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 53	53	252			UINT16			Analog Value	62	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 54	54	253			UINT16			Analog Value	63	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 55	55	254			UINT16			Analog Value	64	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 56	56	255			UINT16			Analog Value	65	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 57	57	256			UINT16			Analog Value	66	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 58	58	257			UINT16			Analog Value	67	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 59	59	258			UINT16			Analog Value	68	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 60	60	259			UINT16			Analog Value	69	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 61	61	260			UINT16			Analog Value	70	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 62	62	261			UINT16			Analog Value	71	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 63	63	262			UINT16			Analog Value	72	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 64	64	263			UINT16			Analog Value	73	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 65	65	264			UINT16			Analog Value	74	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 66	66	265			UINT16			Analog Value	75	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 67	67	266			UINT16			Analog Value	76	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 68	68	267			UINT16			Analog Value	77	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 69	69	268			UINT16			Analog Value	78	R/W/L	NV	Amps	0 - 32000	

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
CT Size - Circuit 70	70	269			UINT16			Analog Value	79	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 71	71	270			UINT16			Analog Value	80	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 72	72	271			UINT16			Analog Value	81	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 73	73	272			UINT16			Analog Value	82	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 74	74	273			UINT16			Analog Value	83	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 75	75	274			UINT16			Analog Value	84	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 76	76	275			UINT16			Analog Value	85	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 77	77	276			UINT16			Analog Value	86	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 78	78	277			UINT16			Analog Value	87	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 79	79	278			UINT16			Analog Value	88	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 80	80	279			UINT16			Analog Value	89	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 81	81	280			UINT16			Analog Value	90	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 82	82	281			UINT16			Analog Value	91	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 83	83	282			UINT16			Analog Value	92	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 84	84	283			UINT16			Analog Value	93	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 85	85	284			UINT16			Analog Value	94	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 86	86	285			UINT16			Analog Value	95	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 87	87	286			UINT16			Analog Value	96	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 88	88	287			UINT16			Analog Value	97	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 89	89	288			UINT16			Analog Value	98	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 90	90	289			UINT16			Analog Value	99	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 91	91	290			UINT16			Analog Value	100	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 92	92	291			UINT16			Analog Value	101	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 93	93	292			UINT16			Analog Value	102	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 94	94	293			UINT16			Analog Value	103	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 95	95	294			UINT16			Analog Value	104	R/W/L	NV	Amps	0 - 32000	
CT Size - Circuit 96	96	295			UINT16			Analog Value	105	R/W/L	NV	Amps	0 - 32000	
Breaker Size		296	391		UINT16			Analog Value	106 - 201	R/W/L	NV	Amps	0 - 32000	
Breaker Size - Circuit 1	1	296			UINT16			Analog Value	106	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 2	2	297			UINT16			Analog Value	107	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 3	3	298			UINT16			Analog Value	108	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 4	4	299			UINT16			Analog Value	109	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 5	5	300			UINT16			Analog Value	110	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 6	6	301			UINT16			Analog Value	111	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 7	7	302			UINT16			Analog Value	112	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 8	8	303			UINT16			Analog Value	113	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 9	9	304			UINT16			Analog Value	114	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 10	10	305			UINT16			Analog Value	115	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 11	11	306			UINT16			Analog Value	116	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 12	12	307			UINT16			Analog Value	117	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 13	13	308			UINT16			Analog Value	118	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 14	14	309			UINT16			Analog Value	119	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 15	15	310			UINT16			Analog Value	120	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 16	16	311			UINT16			Analog Value	121	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 17	17	312			UINT16			Analog Value	122	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 18	18	313			UINT16			Analog Value	123	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 19	19	314			UINT16			Analog Value	124	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 20	20	315			UINT16			Analog Value	125	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 21	21	316			UINT16			Analog Value	126	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 22	22	317			UINT16			Analog Value	127	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 23	23	318			UINT16			Analog Value	128	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 24	24	319			UINT16			Analog Value	129	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 25	25	320			UINT16			Analog Value	130	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 26	26	321			UINT16			Analog Value	131	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 27	27	322			UINT16			Analog Value	132	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 28	28	323			UINT16			Analog Value	133	R/W	NV	Amps	0 - 32000	

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Breaker Size - Circuit 29	29	324			UINT16			Analog Value	134	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 30	30	325			UINT16			Analog Value	135	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 31	31	326			UINT16			Analog Value	136	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 32	32	327			UINT16			Analog Value	137	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 33	33	328			UINT16			Analog Value	138	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 34	34	329			UINT16			Analog Value	139	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 35	35	330			UINT16			Analog Value	140	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 36	36	331			UINT16			Analog Value	141	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 37	37	332			UINT16			Analog Value	142	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 38	38	333			UINT16			Analog Value	143	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 39	39	334			UINT16			Analog Value	144	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 40	40	335			UINT16			Analog Value	145	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 41	41	336			UINT16			Analog Value	146	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 42	42	337			UINT16			Analog Value	147	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 43	43	338			UINT16			Analog Value	148	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 44	44	339			UINT16			Analog Value	149	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 45	45	340			UINT16			Analog Value	150	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 46	46	341			UINT16			Analog Value	151	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 47	47	342			UINT16			Analog Value	152	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 48	48	343			UINT16			Analog Value	153	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 49	49	344			UINT16			Analog Value	154	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 50	50	345			UINT16			Analog Value	155	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 51	51	346			UINT16			Analog Value	156	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 52	52	347			UINT16			Analog Value	157	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 53	53	348			UINT16			Analog Value	158	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 54	54	349			UINT16			Analog Value	159	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 55	55	350			UINT16			Analog Value	160	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 56	56	351			UINT16			Analog Value	161	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 57	57	352			UINT16			Analog Value	162	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 58	58	353			UINT16			Analog Value	163	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 59	59	354			UINT16			Analog Value	164	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 60	60	355			UINT16			Analog Value	165	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 61	61	356			UINT16			Analog Value	166	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 62	62	357			UINT16			Analog Value	167	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 63	63	358			UINT16			Analog Value	168	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 64	64	359			UINT16			Analog Value	169	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 65	65	360			UINT16			Analog Value	170	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 66	66	361			UINT16			Analog Value	171	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 67	67	362			UINT16			Analog Value	172	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 68	68	363			UINT16			Analog Value	173	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 69	69	364			UINT16			Analog Value	174	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 70	70	365			UINT16			Analog Value	175	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 71	71	366			UINT16			Analog Value	176	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 72	72	367			UINT16			Analog Value	177	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 73	73	368			UINT16			Analog Value	178	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 74	74	369			UINT16			Analog Value	179	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 75	75	370			UINT16			Analog Value	180	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 76	76	371			UINT16			Analog Value	181	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 77	77	372			UINT16			Analog Value	182	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 78	78	373			UINT16			Analog Value	183	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 79	79	374			UINT16			Analog Value	184	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 80	80	375			UINT16			Analog Value	185	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 81	81	376			UINT16			Analog Value	186	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 82	82	377			UINT16			Analog Value	187	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 83	83	378			UINT16			Analog Value	188	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 84	84	379			UINT16			Analog Value	189	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 85	85	380			UINT16			Analog Value	190	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 86	86	381			UINT16			Analog Value	191	R/W	NV	Amps	0 - 32000	

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Breaker Size - Circuit 87	87	382			UINT16			Analog Value	192	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 88	88	383			UINT16			Analog Value	193	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 89	89	384			UINT16			Analog Value	194	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 90	90	385			UINT16			Analog Value	195	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 91	91	386			UINT16			Analog Value	196	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 92	92	387			UINT16			Analog Value	197	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 93	93	388			UINT16			Analog Value	198	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 94	94	389			UINT16			Analog Value	199	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 95	95	390			UINT16			Analog Value	200	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 96	96	391			UINT16			Analog Value	201	R/W	NV	Amps	0 - 32000	
Voltage Phase		392	487		UINT16			Analog Value	202 - 297	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 1	1	392			UINT16			Analog Value	202	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 2	2	393			UINT16			Analog Value	203	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 3	3	394			UINT16			Analog Value	204	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 4	4	395			UINT16			Analog Value	205	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 5	5	396			UINT16			Analog Value	206	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 6	6	397			UINT16			Analog Value	207	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 7	7	398			UINT16			Analog Value	208	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 8	8	399			UINT16			Analog Value	209	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 9	9	400			UINT16			Analog Value	210	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 10	10	401			UINT16			Analog Value	211	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 11	11	402			UINT16			Analog Value	212	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 12	12	403			UINT16			Analog Value	213	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 13	13	404			UINT16			Analog Value	214	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 14	14	405			UINT16			Analog Value	215	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 15	15	406			UINT16			Analog Value	216	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 16	16	407			UINT16			Analog Value	217	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 17	17	408			UINT16			Analog Value	218	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 18	18	409			UINT16			Analog Value	219	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 19	19	410			UINT16			Analog Value	220	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 20	20	411			UINT16			Analog Value	221	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 21	21	412			UINT16			Analog Value	222	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 22	22	413			UINT16			Analog Value	223	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 23	23	414			UINT16			Analog Value	224	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 24	24	415			UINT16			Analog Value	225	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 25	25	416			UINT16			Analog Value	226	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 26	26	417			UINT16			Analog Value	227	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 27	27	418			UINT16			Analog Value	228	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 28	28	419			UINT16			Analog Value	229	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 29	29	420			UINT16			Analog Value	230	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 30	30	421			UINT16			Analog Value	231	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 31	31	422			UINT16			Analog Value	232	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 32	32	423			UINT16			Analog Value	233	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 33	33	424			UINT16			Analog Value	234	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 34	34	425			UINT16			Analog Value	235	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 35	35	426			UINT16			Analog Value	236	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 36	36	427			UINT16			Analog Value	237	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 37	37	428			UINT16			Analog Value	238	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 38	38	429			UINT16			Analog Value	239	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 39	39	430			UINT16			Analog Value	240	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 40	40	431			UINT16			Analog Value	241	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 41	41	432			UINT16			Analog Value	242	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 42	42	433			UINT16			Analog Value	243	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 43	43	434			UINT16			Analog Value	244	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 44	44	435			UINT16			Analog Value	245	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 45	45	436			UINT16			Analog Value	246	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Voltage Phase - Circuit 46	46	437			UINT16			Analog Value	247	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 47	47	438			UINT16			Analog Value	248	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 48	48	439			UINT16			Analog Value	249	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 49	49	440			UINT16			Analog Value	250	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 50	50	441			UINT16			Analog Value	251	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 51	51	442			UINT16			Analog Value	252	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 52	52	443			UINT16			Analog Value	253	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 53	53	444			UINT16			Analog Value	254	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 54	54	445			UINT16			Analog Value	255	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 55	55	446			UINT16			Analog Value	256	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 56	56	447			UINT16			Analog Value	257	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 57	57	448			UINT16			Analog Value	258	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 58	58	449			UINT16			Analog Value	259	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 59	59	450			UINT16			Analog Value	260	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 60	60	451			UINT16			Analog Value	261	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 61	61	452			UINT16			Analog Value	262	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 62	62	453			UINT16			Analog Value	263	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 63	63	454			UINT16			Analog Value	264	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 64	64	455			UINT16			Analog Value	265	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 65	65	456			UINT16			Analog Value	266	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 66	66	457			UINT16			Analog Value	267	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 67	67	458			UINT16			Analog Value	268	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 68	68	459			UINT16			Analog Value	269	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 69	69	460			UINT16			Analog Value	270	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 70	70	461			UINT16			Analog Value	271	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 71	71	462			UINT16			Analog Value	272	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 72	72	463			UINT16			Analog Value	273	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 73	73	464			UINT16			Analog Value	274	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 74	74	465			UINT16			Analog Value	275	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 75	75	466			UINT16			Analog Value	276	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 76	76	467			UINT16			Analog Value	277	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 77	77	468			UINT16			Analog Value	278	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 78	78	469			UINT16			Analog Value	279	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 79	79	470			UINT16			Analog Value	280	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 80	80	471			UINT16			Analog Value	281	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 81	81	472			UINT16			Analog Value	282	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 82	82	473			UINT16			Analog Value	283	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 83	83	474			UINT16			Analog Value	284	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 84	84	475			UINT16			Analog Value	285	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 85	85	476			UINT16			Analog Value	286	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 86	86	477			UINT16			Analog Value	287	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 87	87	478			UINT16			Analog Value	288	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 88	88	479			UINT16			Analog Value	289	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 89	89	480			UINT16			Analog Value	290	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 90	90	481			UINT16			Analog Value	291	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 91	91	482			UINT16			Analog Value	292	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 92	92	483			UINT16			Analog Value	293	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 93	93	484			UINT16			Analog Value	294	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 94	94	485			UINT16			Analog Value	295	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 95	95	486			UINT16			Analog Value	296	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 96	96	487			UINT16			Analog Value	297	R/W/L	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
True Meter Assignment		488	583		UINT16			Analog Value	298 - 393	R/W/L	NV		0 - 96	*True Meter Assignment (Starting at register 15000), 0 = Not Assigned* *Max of 3 Circuits assigned to each True Meter* *(True Meter Assignment will take precedence over Virtual Meter Assignment if there are conflicts)*
True Meter Assingment - Circuit 1	1	488			UINT16			Analog Value	298	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 2	2	489			UINT16			Analog Value	299	R/W/L	NV		0 - 96	

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock	NV	Units	Range	Notes
True Meter Assingment - Circuit 3	3	490			UINT16			Analog Value	300	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 4	4	491			UINT16			Analog Value	301	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 5	5	492			UINT16			Analog Value	302	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 6	6	493			UINT16			Analog Value	303	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 7	7	494			UINT16			Analog Value	304	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 8	8	495			UINT16			Analog Value	305	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 9	9	496			UINT16			Analog Value	306	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 10	10	497			UINT16			Analog Value	307	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 11	11	498			UINT16			Analog Value	308	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 12	12	499			UINT16			Analog Value	309	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 13	13	500			UINT16			Analog Value	310	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 14	14	501			UINT16			Analog Value	311	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 15	15	502			UINT16			Analog Value	312	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 16	16	503			UINT16			Analog Value	313	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 17	17	504			UINT16			Analog Value	314	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 18	18	505			UINT16			Analog Value	315	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 19	19	506			UINT16			Analog Value	316	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 20	20	507			UINT16			Analog Value	317	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 21	21	508			UINT16			Analog Value	318	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 22	22	509			UINT16			Analog Value	319	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 23	23	510			UINT16			Analog Value	320	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 24	24	511			UINT16			Analog Value	321	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 25	25	512			UINT16			Analog Value	322	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 26	26	513			UINT16			Analog Value	323	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 27	27	514			UINT16			Analog Value	324	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 28	28	515			UINT16			Analog Value	325	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 29	29	516			UINT16			Analog Value	326	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 30	30	517			UINT16			Analog Value	327	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 31	31	518			UINT16			Analog Value	328	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 32	32	519			UINT16			Analog Value	329	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 33	33	520			UINT16			Analog Value	330	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 34	34	521			UINT16			Analog Value	331	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 35	35	522			UINT16			Analog Value	332	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 36	36	523			UINT16			Analog Value	333	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 37	37	524			UINT16			Analog Value	334	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 38	38	525			UINT16			Analog Value	335	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 39	39	526			UINT16			Analog Value	336	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 40	40	527			UINT16			Analog Value	337	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 41	41	528			UINT16			Analog Value	338	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 42	42	529			UINT16			Analog Value	339	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 43	43	530			UINT16			Analog Value	340	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 44	44	531			UINT16			Analog Value	341	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 45	45	532			UINT16			Analog Value	342	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 46	46	533			UINT16			Analog Value	343	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 47	47	534			UINT16			Analog Value	344	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 48	48	535			UINT16			Analog Value	345	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 49	49	536			UINT16			Analog Value	346	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 50	50	537			UINT16			Analog Value	347	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 51	51	538			UINT16			Analog Value	348	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 52	52	539			UINT16			Analog Value	349	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 53	53	540			UINT16			Analog Value	350	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 54	54	541			UINT16			Analog Value	351	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 55	55	542			UINT16			Analog Value	352	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 56	56	543			UINT16			Analog Value	353	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 57	57	544			UINT16			Analog Value	354	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 58	58	545			UINT16			Analog Value	355	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 59	59	546			UINT16			Analog Value	356	R/W/L	NV		0 - 96	

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
True Meter Assingment - Circuit 60	60	547			UINT16			Analog Value	357	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 61	61	548			UINT16			Analog Value	358	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 62	62	549			UINT16			Analog Value	359	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 63	63	550			UINT16			Analog Value	360	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 64	64	551			UINT16			Analog Value	361	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 65	65	552			UINT16			Analog Value	362	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 66	66	553			UINT16			Analog Value	363	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 67	67	554			UINT16			Analog Value	364	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 68	68	555			UINT16			Analog Value	365	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 69	69	556			UINT16			Analog Value	366	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 70	70	557			UINT16			Analog Value	367	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 71	71	558			UINT16			Analog Value	368	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 72	72	559			UINT16			Analog Value	369	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 73	73	560			UINT16			Analog Value	370	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 74	74	561			UINT16			Analog Value	371	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 75	75	562			UINT16			Analog Value	372	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 76	76	563			UINT16			Analog Value	373	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 77	77	564			UINT16			Analog Value	374	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 78	78	565			UINT16			Analog Value	375	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 79	79	566			UINT16			Analog Value	376	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 80	80	567			UINT16			Analog Value	377	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 81	81	568			UINT16			Analog Value	378	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 82	82	569			UINT16			Analog Value	379	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 83	83	570			UINT16			Analog Value	380	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 84	84	571			UINT16			Analog Value	381	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 85	85	572			UINT16			Analog Value	382	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 86	86	573			UINT16			Analog Value	383	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 87	87	574			UINT16			Analog Value	384	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 88	88	575			UINT16			Analog Value	385	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 89	89	576			UINT16			Analog Value	386	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 90	90	577			UINT16			Analog Value	387	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 91	91	578			UINT16			Analog Value	388	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 92	92	579			UINT16			Analog Value	389	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 93	93	580			UINT16			Analog Value	390	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 94	94	581			UINT16			Analog Value	391	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 95	95	582			UINT16			Analog Value	392	R/W/L	NV		0 - 96	
True Meter Assingment - Circuit 96	96	583			UINT16			Analog Value	393	R/W/L	NV		0 - 96	
Reset/Command		584	679					Analog Value	394 - 489	R/W				*29877 = Reset Max kW and Current, 32123 = Waveform Capture (Only Selected Circuit)*
Reset/Command - Circuit 1	1	584						Analog Value	394	R/W				
Reset/Command - Circuit 2	2	585						Analog Value	395	R/W				
Reset/Command - Circuit 3	3	586						Analog Value	396	R/W				
Reset/Command - Circuit 4	4	587						Analog Value	397	R/W				
Reset/Command - Circuit 5	5	588						Analog Value	398	R/W				
Reset/Command - Circuit 6	6	589						Analog Value	399	R/W				
Reset/Command - Circuit 7	7	590						Analog Value	400	R/W				
Reset/Command - Circuit 8	8	591						Analog Value	401	R/W				
Reset/Command - Circuit 9	9	592						Analog Value	402	R/W				
Reset/Command - Circuit 10	10	593						Analog Value	403	R/W				
Reset/Command - Circuit 11	11	594						Analog Value	404	R/W				
Reset/Command - Circuit 12	12	595						Analog Value	405	R/W				
Reset/Command - Circuit 13	13	596						Analog Value	406	R/W				
Reset/Command - Circuit 14	14	597						Analog Value	407	R/W				
Reset/Command - Circuit 15	15	598						Analog Value	408	R/W				
Reset/Command - Circuit 16	16	599						Analog Value	409	R/W				
Reset/Command - Circuit 17	17	600						Analog Value	410	R/W				
Reset/Command - Circuit 18	18	601						Analog Value	411	R/W				

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Reset/Command - Circuit 19	19	602						Analog Value	412	R/W				
Reset/Command - Circuit 20	20	603						Analog Value	413	R/W				
Reset/Command - Circuit 21	21	604						Analog Value	414	R/W				
Reset/Command - Circuit 22	22	605						Analog Value	415	R/W				
Reset/Command - Circuit 23	23	606						Analog Value	416	R/W				
Reset/Command - Circuit 24	24	607						Analog Value	417	R/W				
Reset/Command - Circuit 25	25	608						Analog Value	418	R/W				
Reset/Command - Circuit 26	26	609						Analog Value	419	R/W				
Reset/Command - Circuit 27	27	610						Analog Value	420	R/W				
Reset/Command - Circuit 28	28	611						Analog Value	421	R/W				
Reset/Command - Circuit 29	29	612						Analog Value	422	R/W				
Reset/Command - Circuit 30	30	613						Analog Value	423	R/W				
Reset/Command - Circuit 31	31	614						Analog Value	424	R/W				
Reset/Command - Circuit 32	32	615						Analog Value	425	R/W				
Reset/Command - Circuit 33	33	616						Analog Value	426	R/W				
Reset/Command - Circuit 34	34	617						Analog Value	427	R/W				
Reset/Command - Circuit 35	35	618						Analog Value	428	R/W				
Reset/Command - Circuit 36	36	619						Analog Value	429	R/W				
Reset/Command - Circuit 37	37	620						Analog Value	430	R/W				
Reset/Command - Circuit 38	38	621						Analog Value	431	R/W				
Reset/Command - Circuit 39	39	622						Analog Value	432	R/W				
Reset/Command - Circuit 40	40	623						Analog Value	433	R/W				
Reset/Command - Circuit 41	41	624						Analog Value	434	R/W				
Reset/Command - Circuit 42	42	625						Analog Value	435	R/W				
Reset/Command - Circuit 43	43	626						Analog Value	436	R/W				
Reset/Command - Circuit 44	44	627						Analog Value	437	R/W				
Reset/Command - Circuit 45	45	628						Analog Value	438	R/W				
Reset/Command - Circuit 46	46	629						Analog Value	439	R/W				
Reset/Command - Circuit 47	47	630						Analog Value	440	R/W				
Reset/Command - Circuit 48	48	631						Analog Value	441	R/W				
Reset/Command - Circuit 49	49	632						Analog Value	442	R/W				
Reset/Command - Circuit 50	50	633						Analog Value	443	R/W				
Reset/Command - Circuit 51	51	634						Analog Value	444	R/W				
Reset/Command - Circuit 52	52	635						Analog Value	445	R/W				
Reset/Command - Circuit 53	53	636						Analog Value	446	R/W				
Reset/Command - Circuit 54	54	637						Analog Value	447	R/W				
Reset/Command - Circuit 55	55	638						Analog Value	448	R/W				
Reset/Command - Circuit 56	56	639						Analog Value	449	R/W				
Reset/Command - Circuit 57	57	640						Analog Value	450	R/W				
Reset/Command - Circuit 58	58	641						Analog Value	451	R/W				
Reset/Command - Circuit 59	59	642						Analog Value	452	R/W				
Reset/Command - Circuit 60	60	643						Analog Value	453	R/W				
Reset/Command - Circuit 61	61	644						Analog Value	454	R/W				
Reset/Command - Circuit 62	62	645						Analog Value	455	R/W				
Reset/Command - Circuit 63	63	646						Analog Value	456	R/W				
Reset/Command - Circuit 64	64	647						Analog Value	457	R/W				
Reset/Command - Circuit 65	65	648						Analog Value	458	R/W				
Reset/Command - Circuit 66	66	649						Analog Value	459	R/W				
Reset/Command - Circuit 67	67	650						Analog Value	460	R/W				
Reset/Command - Circuit 68	68	651						Analog Value	461	R/W				
Reset/Command - Circuit 69	69	652						Analog Value	462	R/W				
Reset/Command - Circuit 70	70	653						Analog Value	463	R/W				
Reset/Command - Circuit 71	71	654						Analog Value	464	R/W				
Reset/Command - Circuit 72	72	655						Analog Value	465	R/W				
Reset/Command - Circuit 73	73	656						Analog Value	466	R/W				
Reset/Command - Circuit 74	74	657						Analog Value	467	R/W				
Reset/Command - Circuit 75	75	658						Analog Value	468	R/W				
Reset/Command - Circuit 76	76	659						Analog Value	469	R/W				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Reset/Command - Circuit 77	77	660						Analog Value	470	R/W				
Reset/Command - Circuit 78	78	661						Analog Value	471	R/W				
Reset/Command - Circuit 79	79	662						Analog Value	472	R/W				
Reset/Command - Circuit 80	80	663						Analog Value	473	R/W				
Reset/Command - Circuit 81	81	664						Analog Value	474	R/W				
Reset/Command - Circuit 82	82	665						Analog Value	475	R/W				
Reset/Command - Circuit 83	83	666						Analog Value	476	R/W				
Reset/Command - Circuit 84	84	667						Analog Value	477	R/W				
Reset/Command - Circuit 85	85	668						Analog Value	478	R/W				
Reset/Command - Circuit 86	86	669						Analog Value	479	R/W				
Reset/Command - Circuit 87	87	670						Analog Value	480	R/W				
Reset/Command - Circuit 88	88	671						Analog Value	481	R/W				
Reset/Command - Circuit 89	89	672						Analog Value	482	R/W				
Reset/Command - Circuit 90	90	673						Analog Value	483	R/W				
Reset/Command - Circuit 91	91	674						Analog Value	484	R/W				
Reset/Command - Circuit 92	92	675						Analog Value	485	R/W				
Reset/Command - Circuit 93	93	676						Analog Value	486	R/W				
Reset/Command - Circuit 94	94	677						Analog Value	487	R/W				
Reset/Command - Circuit 95	95	678						Analog Value	488	R/W				
Reset/Command - Circuit 96	96	679						Analog Value	489	R/W				
CT Type		680	775					Analog Value	490 - 585	R/W/L	NV			*0 = Default (CT Type Not Listed), 1 = XH-SCT-T10A/75A, 2 = XH-SCT-T16/100A, 3 = BCT-1250-250A, 4 = ECS1050_L79D, 5 = ECS1075_L79E, 6 = ECS12100_L79A, 7 = ECS24100_L79C, 8 = ECS24200_L79N, 9 = ECS24250_L79B, 10 = ECS36400_L79H, 11 = ECS36600_L79F, 12 = HSTS016L-S11/100A/1.65+/-0.625, 13 = EHS1632_T01, 14 = EHS1650_T01 (Writing the CT Type will update the CT Size to the correct size)*
CT Type - Circuit 1	1	680						Analog Value	490	R/W/L	NV			
CT Type - Circuit 2	2	681						Analog Value	491	R/W/L	NV			
CT Type - Circuit 3	3	682						Analog Value	492	R/W/L	NV			
CT Type - Circuit 4	4	683						Analog Value	493	R/W/L	NV			
CT Type - Circuit 5	5	684						Analog Value	494	R/W/L	NV			
CT Type - Circuit 6	6	685						Analog Value	495	R/W/L	NV			
CT Type - Circuit 7	7	686						Analog Value	496	R/W/L	NV			
CT Type - Circuit 8	8	687						Analog Value	497	R/W/L	NV			
CT Type - Circuit 9	9	688						Analog Value	498	R/W/L	NV			
CT Type - Circuit 10	10	689						Analog Value	499	R/W/L	NV			
CT Type - Circuit 11	11	690						Analog Value	500	R/W/L	NV			
CT Type - Circuit 12	12	691						Analog Value	501	R/W/L	NV			
CT Type - Circuit 13	13	692						Analog Value	502	R/W/L	NV			
CT Type - Circuit 14	14	693						Analog Value	503	R/W/L	NV			
CT Type - Circuit 15	15	694						Analog Value	504	R/W/L	NV			
CT Type - Circuit 16	16	695						Analog Value	505	R/W/L	NV			
CT Type - Circuit 17	17	696						Analog Value	506	R/W/L	NV			
CT Type - Circuit 18	18	697						Analog Value	507	R/W/L	NV			
CT Type - Circuit 19	19	698						Analog Value	508	R/W/L	NV			
CT Type - Circuit 20	20	699						Analog Value	509	R/W/L	NV			
CT Type - Circuit 21	21	700						Analog Value	510	R/W/L	NV			
CT Type - Circuit 22	22	701						Analog Value	511	R/W/L	NV			
CT Type - Circuit 23	23	702						Analog Value	512	R/W/L	NV			
CT Type - Circuit 24	24	703						Analog Value	513	R/W/L	NV			
CT Type - Circuit 25	25	704						Analog Value	514	R/W/L	NV			
CT Type - Circuit 26	26	705						Analog Value	515	R/W/L	NV			
CT Type - Circuit 27	27	706						Analog Value	516	R/W/L	NV			
CT Type - Circuit 28	28	707						Analog Value	517	R/W/L	NV			
CT Type - Circuit 29	29	708						Analog Value	518	R/W/L	NV			
CT Type - Circuit 30	30	709						Analog Value	519	R/W/L	NV			

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock	NV	Units	Range	Notes
CT Type - Circuit 31	31	710						Analog Value	520	R/W/L	NV			
CT Type - Circuit 32	32	711						Analog Value	521	R/W/L	NV			
CT Type - Circuit 33	33	712						Analog Value	522	R/W/L	NV			
CT Type - Circuit 34	34	713						Analog Value	523	R/W/L	NV			
CT Type - Circuit 35	35	714						Analog Value	524	R/W/L	NV			
CT Type - Circuit 36	36	715						Analog Value	525	R/W/L	NV			
CT Type - Circuit 37	37	716						Analog Value	526	R/W/L	NV			
CT Type - Circuit 38	38	717						Analog Value	527	R/W/L	NV			
CT Type - Circuit 39	39	718						Analog Value	528	R/W/L	NV			
CT Type - Circuit 40	40	719						Analog Value	529	R/W/L	NV			
CT Type - Circuit 41	41	720						Analog Value	530	R/W/L	NV			
CT Type - Circuit 42	42	721						Analog Value	531	R/W/L	NV			
CT Type - Circuit 43	43	722						Analog Value	532	R/W/L	NV			
CT Type - Circuit 44	44	723						Analog Value	533	R/W/L	NV			
CT Type - Circuit 45	45	724						Analog Value	534	R/W/L	NV			
CT Type - Circuit 46	46	725						Analog Value	535	R/W/L	NV			
CT Type - Circuit 47	47	726						Analog Value	536	R/W/L	NV			
CT Type - Circuit 48	48	727						Analog Value	537	R/W/L	NV			
CT Type - Circuit 49	49	728						Analog Value	538	R/W/L	NV			
CT Type - Circuit 50	50	729						Analog Value	539	R/W/L	NV			
CT Type - Circuit 51	51	730						Analog Value	540	R/W/L	NV			
CT Type - Circuit 52	52	731						Analog Value	541	R/W/L	NV			
CT Type - Circuit 53	53	732						Analog Value	542	R/W/L	NV			
CT Type - Circuit 54	54	733						Analog Value	543	R/W/L	NV			
CT Type - Circuit 55	55	734						Analog Value	544	R/W/L	NV			
CT Type - Circuit 56	56	735						Analog Value	545	R/W/L	NV			
CT Type - Circuit 57	57	736						Analog Value	546	R/W/L	NV			
CT Type - Circuit 58	58	737						Analog Value	547	R/W/L	NV			
CT Type - Circuit 59	59	738						Analog Value	548	R/W/L	NV			
CT Type - Circuit 60	60	739						Analog Value	549	R/W/L	NV			
CT Type - Circuit 61	61	740						Analog Value	550	R/W/L	NV			
CT Type - Circuit 62	62	741						Analog Value	551	R/W/L	NV			
CT Type - Circuit 63	63	742						Analog Value	552	R/W/L	NV			
CT Type - Circuit 64	64	743						Analog Value	553	R/W/L	NV			
CT Type - Circuit 65	65	744						Analog Value	554	R/W/L	NV			
CT Type - Circuit 66	66	745						Analog Value	555	R/W/L	NV			
CT Type - Circuit 67	67	746						Analog Value	556	R/W/L	NV			
CT Type - Circuit 68	68	747						Analog Value	557	R/W/L	NV			
CT Type - Circuit 69	69	748						Analog Value	558	R/W/L	NV			
CT Type - Circuit 70	70	749						Analog Value	559	R/W/L	NV			
CT Type - Circuit 71	71	750						Analog Value	560	R/W/L	NV			
CT Type - Circuit 72	72	751						Analog Value	561	R/W/L	NV			
CT Type - Circuit 73	73	752						Analog Value	562	R/W/L	NV			
CT Type - Circuit 74	74	753						Analog Value	563	R/W/L	NV			
CT Type - Circuit 75	75	754						Analog Value	564	R/W/L	NV			
CT Type - Circuit 76	76	755						Analog Value	565	R/W/L	NV			
CT Type - Circuit 77	77	756						Analog Value	566	R/W/L	NV			
CT Type - Circuit 78	78	757						Analog Value	567	R/W/L	NV			
CT Type - Circuit 79	79	758						Analog Value	568	R/W/L	NV			
CT Type - Circuit 80	80	759						Analog Value	569	R/W/L	NV			
CT Type - Circuit 81	81	760						Analog Value	570	R/W/L	NV			
CT Type - Circuit 82	82	761						Analog Value	571	R/W/L	NV			
CT Type - Circuit 83	83	762						Analog Value	572	R/W/L	NV			
CT Type - Circuit 84	84	763						Analog Value	573	R/W/L	NV			
CT Type - Circuit 85	85	764						Analog Value	574	R/W/L	NV			
CT Type - Circuit 86	86	765						Analog Value	575	R/W/L	NV			
CT Type - Circuit 87	87	766						Analog Value	576	R/W/L	NV			
CT Type - Circuit 88	88	767						Analog Value	577	R/W/L	NV			

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
CT Type - Circuit 89	89	768						Analog Value	578	R/W/L	NV			
CT Type - Circuit 90	90	769						Analog Value	579	R/W/L	NV			
CT Type - Circuit 91	91	770						Analog Value	580	R/W/L	NV			
CT Type - Circuit 92	92	771						Analog Value	581	R/W/L	NV			
CT Type - Circuit 93	93	772						Analog Value	582	R/W/L	NV			
CT Type - Circuit 94	94	773						Analog Value	583	R/W/L	NV			
CT Type - Circuit 95	95	774						Analog Value	584	R/W/L	NV			
CT Type - Circuit 96	96	775						Analog Value	585	R/W/L	NV			
Smart Port to Circuit Assignment		776	871											
Smart Port to Circuit Assignment - SP1, CH1	SP1, CH1	776								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH2	SP1, CH2	777								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH3	SP1, CH3	778								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH4	SP1, CH4	779								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH5	SP1, CH5	780								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH6	SP1, CH6	781								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH7	SP1, CH7	782								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH8	SP1, CH8	783								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH9	SP1, CH9	784								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH10	SP1, CH10	785								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH11	SP1, CH11	786								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH12	SP1, CH12	787								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH13	SP1, CH13	788								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH14	SP1, CH14	789								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH15	SP1, CH15	790								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH16	SP1, CH16	791								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH17	SP1, CH17	792								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH18	SP1, CH18	793								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH19	SP1, CH19	794								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH20	SP1, CH20	795								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH21	SP1, CH21	796								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH22	SP1, CH22	797								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH23	SP1, CH23	798								R/W	NV			
Smart Port to Circuit Assignment - SP1, CH24	SP1, CH24	799								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH1	SP2, CH1	800								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH2	SP2, CH2	801								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH3	SP2, CH3	802								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH4	SP2, CH4	803								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH5	SP2, CH5	804								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH6	SP2, CH6	805								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH7	SP2, CH7	806								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH8	SP2, CH8	807								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH9	SP2, CH9	808								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH10	SP2, CH10	809								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH11	SP2, CH11	810								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH12	SP2, CH12	811								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH13	SP2, CH13	812								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH14	SP2, CH14	813								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH15	SP2, CH15	814								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH16	SP2, CH16	815								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH17	SP2, CH17	816								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH18	SP2, CH18	817								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH19	SP2, CH19	818								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH20	SP2, CH20	819								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH21	SP2, CH21	820								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH22	SP2, CH22	821								R/W	NV			
Smart Port to Circuit Assignment - SP2, CH23	SP2, CH23	822								R/W	NV			

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Smart Port to Circuit Assignment - SP2, CH24	SP2, CH24	823								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH1	SP3, CH1	824								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH2	SP3, CH2	825								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH3	SP3, CH3	826								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH4	SP3, CH4	827								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH5	SP3, CH5	828								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH6	SP3, CH6	829								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH7	SP3, CH7	830								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH8	SP3, CH8	831								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH9	SP3, CH9	832								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH10	SP3, CH10	833								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH11	SP3, CH11	834								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH12	SP3, CH12	835								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH13	SP3, CH13	836								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH14	SP3, CH14	837								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH15	SP3, CH15	838								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH16	SP3, CH16	839								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH17	SP3, CH17	840								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH18	SP3, CH18	841								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH19	SP3, CH19	842								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH20	SP3, CH20	843								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH21	SP3, CH21	844								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH22	SP3, CH22	845								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH23	SP3, CH23	846								R/W	NV			
Smart Port to Circuit Assignment - SP3, CH24	SP3, CH24	847								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH1	SP4, CH1	848								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH2	SP4, CH2	849								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH3	SP4, CH3	850								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH4	SP4, CH4	851								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH5	SP4, CH5	852								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH6	SP4, CH6	853								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH7	SP4, CH7	854								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH8	SP4, CH8	855								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH9	SP4, CH9	856								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH10	SP4, CH10	857								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH11	SP4, CH11	858								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH12	SP4, CH12	859								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH13	SP4, CH13	860								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH14	SP4, CH14	861								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH15	SP4, CH15	862								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH16	SP4, CH16	863								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH17	SP4, CH17	864								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH18	SP4, CH18	865								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH19	SP4, CH19	866								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH20	SP4, CH20	867								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH21	SP4, CH21	868								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH22	SP4, CH22	869								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH23	SP4, CH23	870								R/W	NV			
Smart Port to Circuit Assignment - SP4, CH24	SP4, CH24	871								R/W	NV			
Virtual Meter Assignment		872	967		UINT16			Analog Value	586 - 681	R/W/L	NV		0 - 96	*Creates a Virtual Meter by summing readings from assigned Circuits using a True Meter (True Meter Assignment will take precedence over Virtual Meter Assignment if there are conflicts)*
Virtual Meter Assignment - Circuit 1	1	872			UINT16			Analog Value	586	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 2	2	873			UINT16			Analog Value	587	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 3	3	874			UINT16			Analog Value	588	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 4	4	875			UINT16			Analog Value	589	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 5	5	876			UINT16			Analog Value	590	R/W/L	NV		0 - 96	

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Virtual Meter Assignment - Circuit 6	6	877			UINT16			Analog Value	591	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 7	7	878			UINT16			Analog Value	592	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 8	8	879			UINT16			Analog Value	593	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 9	9	880			UINT16			Analog Value	594	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 10	10	881			UINT16			Analog Value	595	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 11	11	882			UINT16			Analog Value	596	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 12	12	883			UINT16			Analog Value	597	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 13	13	884			UINT16			Analog Value	598	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 14	14	885			UINT16			Analog Value	599	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 15	15	886			UINT16			Analog Value	600	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 16	16	887			UINT16			Analog Value	601	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 17	17	888			UINT16			Analog Value	602	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 18	18	889			UINT16			Analog Value	603	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 19	19	890			UINT16			Analog Value	604	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 20	20	891			UINT16			Analog Value	605	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 21	21	892			UINT16			Analog Value	606	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 22	22	893			UINT16			Analog Value	607	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 23	23	894			UINT16			Analog Value	608	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 24	24	895			UINT16			Analog Value	609	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 25	25	896			UINT16			Analog Value	610	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 26	26	897			UINT16			Analog Value	611	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 27	27	898			UINT16			Analog Value	612	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 28	28	899			UINT16			Analog Value	613	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 29	29	900			UINT16			Analog Value	614	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 30	30	901			UINT16			Analog Value	615	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 31	31	902			UINT16			Analog Value	616	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 32	32	903			UINT16			Analog Value	617	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 33	33	904			UINT16			Analog Value	618	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 34	34	905			UINT16			Analog Value	619	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 35	35	906			UINT16			Analog Value	620	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 36	36	907			UINT16			Analog Value	621	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 37	37	908			UINT16			Analog Value	622	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 38	38	909			UINT16			Analog Value	623	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 39	39	910			UINT16			Analog Value	624	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 40	40	911			UINT16			Analog Value	625	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 41	41	912			UINT16			Analog Value	626	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 42	42	913			UINT16			Analog Value	627	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 43	43	914			UINT16			Analog Value	628	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 44	44	915			UINT16			Analog Value	629	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 45	45	916			UINT16			Analog Value	630	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 46	46	917			UINT16			Analog Value	631	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 47	47	918			UINT16			Analog Value	632	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 48	48	919			UINT16			Analog Value	633	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 49	49	920			UINT16			Analog Value	634	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 50	50	921			UINT16			Analog Value	635	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 51	51	922			UINT16			Analog Value	636	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 52	52	923			UINT16			Analog Value	637	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 53	53	924			UINT16			Analog Value	638	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 54	54	925			UINT16			Analog Value	639	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 55	55	926			UINT16			Analog Value	640	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 56	56	927			UINT16			Analog Value	641	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 57	57	928			UINT16			Analog Value	642	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 58	58	929			UINT16			Analog Value	643	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 59	59	930			UINT16			Analog Value	644	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 60	60	931			UINT16			Analog Value	645	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 61	61	932			UINT16			Analog Value	646	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 62	62	933			UINT16			Analog Value	647	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 63	63	934			UINT16			Analog Value	648	R/W/L	NV		0 - 96	

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock	NV	Units	Range	Notes
Virtual Meter Assignment - Circuit 64	64	935			UINT16			Analog Value	649	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 65	65	936			UINT16			Analog Value	650	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 66	66	937			UINT16			Analog Value	651	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 67	67	938			UINT16			Analog Value	652	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 68	68	939			UINT16			Analog Value	653	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 69	69	940			UINT16			Analog Value	654	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 70	70	941			UINT16			Analog Value	655	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 71	71	942			UINT16			Analog Value	656	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 72	72	943			UINT16			Analog Value	657	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 73	73	944			UINT16			Analog Value	658	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 74	74	945			UINT16			Analog Value	659	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 75	75	946			UINT16			Analog Value	660	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 76	76	947			UINT16			Analog Value	661	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 77	77	948			UINT16			Analog Value	662	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 78	78	949			UINT16			Analog Value	663	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 79	79	950			UINT16			Analog Value	664	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 80	80	951			UINT16			Analog Value	665	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 81	81	952			UINT16			Analog Value	666	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 82	82	953			UINT16			Analog Value	667	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 83	83	954			UINT16			Analog Value	668	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 84	84	955			UINT16			Analog Value	669	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 85	85	956			UINT16			Analog Value	670	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 86	86	957			UINT16			Analog Value	671	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 87	87	958			UINT16			Analog Value	672	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 88	88	959			UINT16			Analog Value	673	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 89	89	960			UINT16			Analog Value	674	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 90	90	961			UINT16			Analog Value	675	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 91	91	962			UINT16			Analog Value	676	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 92	92	963			UINT16			Analog Value	677	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 93	93	964			UINT16			Analog Value	678	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 94	94	965			UINT16			Analog Value	679	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 95	95	966			UINT16			Analog Value	680	R/W/L	NV		0 - 96	
Virtual Meter Assignment - Circuit 96	96	967			UINT16			Analog Value	681	R/W/L	NV		0 - 96	
CT Turn On Threshold		968	982	-3				Analog Value	682 - 696	R/W/L				*Turn on Threshold (% Full Scale) when the CT Type is used (1000 = 1.000%)*
Default - No CT Type Selected		968		-4				Analog Value	682	R/W/L	NV	Percent	0 - 10000	
XH-SCT-T10A/75A		969		-4				Analog Value	683	R/W/L	NV	Percent	0 - 10000	
XH-SCT-T16/100A		970		-4				Analog Value	684	R/W/L	NV	Percent	0 - 10000	
BCT-1250-250A		971		-4				Analog Value	685	R/W/L	NV	Percent	0 - 10000	
ECS1050_L79D		972		-4				Analog Value	686	R/W/L	NV	Percent	0 - 10000	
ECS1075_L79E		973		-4				Analog Value	687	R/W/L	NV	Percent	0 - 10000	
ECS12100_L79A		974		-4				Analog Value	688	R/W/L	NV	Percent	0 - 10000	
ECS24100_L79C		975		-4				Analog Value	689	R/W/L	NV	Percent	0 - 10000	
ECS24200_L79N		976		-4				Analog Value	690	R/W/L	NV	Percent	0 - 10000	
ECS24250_L79B		977		-4				Analog Value	691	R/W/L	NV	Percent	0 - 10000	
ECS36400_L79H		978		-4				Analog Value	692	R/W/L	NV	Percent	0 - 10000	
ECS36600_L79F		979		-4				Analog Value	693	R/W/L	NV	Percent	0 - 10000	
HSTS016L-S11/100A/1.65+/-0.625		980		-4				Analog Value	694	R/W/L	NV	Percent	0 - 10000	
EHS1632_T01		981		-4				Analog Value	695	R/W/L	NV	Percent	0 - 10000	
EHS1650_T01		982		-4				Analog Value	696	R/W/L	NV	Percent	0 - 10000	
Alarm/Event Configuration														
Voltage Alarm Configuration		1000	1006											
Overvoltage Alarm Time Delay		1000			UINT16			Analog Value	700	R/W/L	NV	Seconds	0 - 32767	
Undervoltage Alarm Time Delay		1001			UINT16			Analog Value	701	R/W/L	NV	Seconds	0 - 32767	

Yellow text indicates features which are not yet implemented		Modbus Registers Integer				Float		Bacnet Objects		R - Read W - Write L - Lock				
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Overvoltage Latching Alarm Threshold		1002			UINT16			Analog Value	702	R/W/L	NV	Volts	0 - 32767	*Volts Line to Line*
Undervotage Latching Alarm Threshold		1003			UINT16			Analog Value	703	R/W/L	NV	Volts	0 - 32767	*Volts Line to Line*
Voltage Alarm Hysteresis		1004		-1	UINT16			Analog Value	704	R/W/L	NV	Percent	0 - 1000	*Percent of Threshold (100 = 10.0%)*
Reserved		1005			UINT16					R				
Reserved		1006			UINT16					R				
Branch Alarm Configuration		1007	1021											
Reserved		1007			UINT16					R/W	NV	Seconds		
High Latching Alarm Time Delay		1008			UINT16			Analog Value	705	R/W/L	NV	Seconds	0 - 32767	
Low Latching Alarm Time Delay		1009			UINT16			Analog Value	706	R/W/L	NV	Seconds	0 - 32767	
Reserved		1010			UINT16					R/W	NV	Seconds	0 - 32767	
Reserved		1011			UINT16					R/W	NV	Seconds	0 - 32767	
Reserved		1012			UINT16					R/W	NV	Seconds	0 - 32767	
Reserved		1013			UINT16					R/W	NV	Percent	0 - 1000	
High Latching Alarm Thresold		1014		-1	UINT16			Analog Value	707	R/W/L	NV	Percent	0 - 1000	*Percent of Breaker Size (700 = 70%)*
Low Latching Alarm Threshold		1015		-1	UINT16			Analog Value	708	R/W/L	NV	Percent	0 - 1000	*Percent of Breaker Size (100 = 10%)*
Reserved		1016			UINT16					R/W	NV	Percent	0 - 1000	
Reserved		1017			UINT16					R/W	NV	Percent	0 - 1000	
Non-Latching High Alarm Threshold		1018		-1	UINT16			Analog Value	709	R/W/L	NV	Percent	0 - 1000	
Non-Latching Low Alarm Threshold		1019		-1	UINT16			Analog Value	710	R/W/L	NV	Percent	0 - 1000	
Reserved		1020			UINT16					R/W	NV	Percent	0 - 1000	
Non-Latching Hysteresis		1021		-1	UINT16			Analog Value	711	R/W/L	NV	Percent	0 - 1000	
Waveform Capture Configuration		1100	1103											
Voltage Capture High RMS Threshold		1100			UINT16					R/W/L	NV	Volts	0 - 32767	*Volts LL (All line voltages will be captured on event)*
Voltage Capture Low RNS Threshold		1101			UINT16					R/W	NV	Volts	0 - 32767	
Current Capture High RMS Threshold		1102		-1	UINT16					R/W/L	NV	Percent	0 - 1000	*Percent of Breaker Size (800 = 80%)*
Current Capture Low RMS Threshold		1103			UINT16					R/W	NV	Percent	0 - 1000	
Alarms and Events														
Global Latching Alarm Bit Mask		1998			BITS			BitString Value	1	R/W/L	NV			*Set Bit to Enable Alarm, Clear Bit to Disable Alarm: See Voltage Alarm Status (Reg 1208 - 1210) for Bits*
Global Non-Latching Alarm Bit Mask		1999			BITS			BitString Value	2	R/W/L	NV			*Set Bit to Enable Alarm, Clear Bit to Disable Alarm: See Branch Alarm Status (Reg 1211 - 1306) for Bits*
Global Alarm														
Global Latching Alarm Status		1200			BITS			BitString Value	3	R			See Notes	*Summary of all Alarm Status Registers (96 Circuits and 3 Voltage) Bit1 = High Latching Alarm, Bit2 = Low Latching Alarm, Bit8 = Overvoltage Latching Alarm, Bit9 = Undervoltage Latching Alarm, Bit11 = Waveform Capture Triggered, Bit12 = Zero Current Detected, Bit13 = Presence of Voltage (All Other Bits are Currently Unused)*
Global Non-Latching Alarm Status		1201			BITS			BitString Value	4	R				*Summary of all Alarm Status Registers (96 Circuits and 3 Voltage) Bit0 = High Latching Alarm, Bit1 = Low Latching Alarm, Bit8 = Overvoltage Non-Latching Alarm, Bit9 = Undervoltage Non-Latching Alarm, (All Other Bits are Currently Unused)*
Global Most Recent Latching Alarm Circuit		1202			UINT16			Analog Value	712	R				
Global Most Recent Non-Latching Alarm Circuit		1203			UINT16			Analog Value	713	R				
Total Number of Latching Circuit In Alarm		1204			UINT16			Analog Value	714	R				
Total Number of Non-Latching Circuit In Alarm		1205			UINT16			Analog Value	715	R				
Voltage Alarm Bit Mask		1206			BITS			BitString Value	5	R/W/L	NV			*Set Bit to Enable Alarm, Clear Bit to Disable Alarm: See Voltage Alarm Status (Reg 1208 - 1210) for Bits*
Circuit Alarm Bit Mask		1207			BITS			BitString Value	6	R/W/L	NV			*Set Bit to Enable Alarm, Clear Bit to Disable Alarm: See Branch Alarm Status (Reg 1211 - 1306) for Bits*
Voltage Status														
Voltage Alarm Status		1208	1210		BITS			BitString Value	7 - 9	R/W	NV		See Notes	*Bit0 = Overvoltage Latching Alarm, Bit1 = Undervoltage Latching Alarm, Bit8 = Overvoltage Non-Latching Alarm, Bit9 = Undervoltage Non-Latching Alarm*

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Voltage Alarm Status L1		1208			BITS			BitString Value	7	R/W	NV			*Bit11 = Waveform Capture Triggered, (All Other Bits are Currently Unused)*
Voltage Alarm Status L2		1209			BITS			BitString Value	8	R/W	NV			
Voltage Alarm Status L3		1210			BITS			BitString Value	9	R/W	NV			
Circuit Status														
Circuit Alarm Status		1211	1306		BITS			BitString Value	10 - 105	R/W	NV		See Notes	*Bit1 = High Latching Alarm, Bit2 = Low Latching Alarm, Bit8 = High Non-Latching Alarm, Bit9 = Low Non-Latching Alarm Bit11 = Waveform Capture Triggered, Bit12 = Zero Current Detected, Bit13 = Presence of Voltage State (1 - Voltage is Present, 0 - Voltage Not Present), Bit 14 = Voltage Presence Change of State (Bit is set when Voltage Presence (Bit13) changes state from 1 to 0) (All Other Bits are Currently Unused)*
Alarm Status - Circuit 1	1	1211			BITS			BitString Value	10	R/W	NV			
Alarm Status - Circuit 2	2	1212			BITS			BitString Value	11	R/W	NV			
Alarm Status - Circuit 3	3	1213			BITS			BitString Value	12	R/W	NV			
Alarm Status - Circuit 4	4	1214			BITS			BitString Value	13	R/W	NV			
Alarm Status - Circuit 5	5	1215			BITS			BitString Value	14	R/W	NV			
Alarm Status - Circuit 6	6	1216			BITS			BitString Value	15	R/W	NV			
Alarm Status - Circuit 7	7	1217			BITS			BitString Value	16	R/W	NV			
Alarm Status - Circuit 8	8	1218			BITS			BitString Value	17	R/W	NV			
Alarm Status - Circuit 9	9	1219			BITS			BitString Value	18	R/W	NV			
Alarm Status - Circuit 10	10	1220			BITS			BitString Value	19	R/W	NV			
Alarm Status - Circuit 11	11	1221			BITS			BitString Value	20	R/W	NV			
Alarm Status - Circuit 12	12	1222			BITS			BitString Value	21	R/W	NV			
Alarm Status - Circuit 13	13	1223			BITS			BitString Value	22	R/W	NV			
Alarm Status - Circuit 14	14	1224			BITS			BitString Value	23	R/W	NV			
Alarm Status - Circuit 15	15	1225			BITS			BitString Value	24	R/W	NV			
Alarm Status - Circuit 16	16	1226			BITS			BitString Value	25	R/W	NV			
Alarm Status - Circuit 17	17	1227			BITS			BitString Value	26	R/W	NV			
Alarm Status - Circuit 18	18	1228			BITS			BitString Value	27	R/W	NV			
Alarm Status - Circuit 19	19	1229			BITS			BitString Value	28	R/W	NV			
Alarm Status - Circuit 20	20	1230			BITS			BitString Value	29	R/W	NV			
Alarm Status - Circuit 21	21	1231			BITS			BitString Value	30	R/W	NV			
Alarm Status - Circuit 22	22	1232			BITS			BitString Value	31	R/W	NV			
Alarm Status - Circuit 23	23	1233			BITS			BitString Value	32	R/W	NV			
Alarm Status - Circuit 24	24	1234			BITS			BitString Value	33	R/W	NV			
Alarm Status - Circuit 25	25	1235			BITS			BitString Value	34	R/W	NV			
Alarm Status - Circuit 26	26	1236			BITS			BitString Value	35	R/W	NV			
Alarm Status - Circuit 27	27	1237			BITS			BitString Value	36	R/W	NV			
Alarm Status - Circuit 28	28	1238			BITS			BitString Value	37	R/W	NV			
Alarm Status - Circuit 29	29	1239			BITS			BitString Value	38	R/W	NV			
Alarm Status - Circuit 30	30	1240			BITS			BitString Value	39	R/W	NV			
Alarm Status - Circuit 31	31	1241			BITS			BitString Value	40	R/W	NV			
Alarm Status - Circuit 32	32	1242			BITS			BitString Value	41	R/W	NV			
Alarm Status - Circuit 33	33	1243			BITS			BitString Value	42	R/W	NV			
Alarm Status - Circuit 34	34	1244			BITS			BitString Value	43	R/W	NV			
Alarm Status - Circuit 35	35	1245			BITS			BitString Value	44	R/W	NV			
Alarm Status - Circuit 36	36	1246			BITS			BitString Value	45	R/W	NV			
Alarm Status - Circuit 37	37	1247			BITS			BitString Value	46	R/W	NV			
Alarm Status - Circuit 38	38	1248			BITS			BitString Value	47	R/W	NV			
Alarm Status - Circuit 39	39	1249			BITS			BitString Value	48	R/W	NV			
Alarm Status - Circuit 40	40	1250			BITS			BitString Value	49	R/W	NV			
Alarm Status - Circuit 41	41	1251			BITS			BitString Value	50	R/W	NV			
Alarm Status - Circuit 42	42	1252			BITS			BitString Value	51	R/W	NV			
Alarm Status - Circuit 43	43	1253			BITS			BitString Value	52	R/W	NV			
Alarm Status - Circuit 44	44	1254			BITS			BitString Value	53	R/W	NV			
Alarm Status - Circuit 45	45	1255			BITS			BitString Value	54	R/W	NV			

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Alarm Status - Circuit 46	46	1256			BITS			BitString Value	55	R/W	NV			
Alarm Status - Circuit 47	47	1257			BITS			BitString Value	56	R/W	NV			
Alarm Status - Circuit 48	48	1258			BITS			BitString Value	57	R/W	NV			
Alarm Status - Circuit 49	49	1259			BITS			BitString Value	58	R/W	NV			
Alarm Status - Circuit 50	50	1260			BITS			BitString Value	59	R/W	NV			
Alarm Status - Circuit 51	51	1261			BITS			BitString Value	60	R/W	NV			
Alarm Status - Circuit 52	52	1262			BITS			BitString Value	61	R/W	NV			
Alarm Status - Circuit 53	53	1263			BITS			BitString Value	62	R/W	NV			
Alarm Status - Circuit 54	54	1264			BITS			BitString Value	63	R/W	NV			
Alarm Status - Circuit 55	55	1265			BITS			BitString Value	64	R/W	NV			
Alarm Status - Circuit 56	56	1266			BITS			BitString Value	65	R/W	NV			
Alarm Status - Circuit 57	57	1267			BITS			BitString Value	66	R/W	NV			
Alarm Status - Circuit 58	58	1268			BITS			BitString Value	67	R/W	NV			
Alarm Status - Circuit 59	59	1269			BITS			BitString Value	68	R/W	NV			
Alarm Status - Circuit 60	60	1270			BITS			BitString Value	69	R/W	NV			
Alarm Status - Circuit 61	61	1271			BITS			BitString Value	70	R/W	NV			
Alarm Status - Circuit 62	62	1272			BITS			BitString Value	71	R/W	NV			
Alarm Status - Circuit 63	63	1273			BITS			BitString Value	72	R/W	NV			
Alarm Status - Circuit 64	64	1274			BITS			BitString Value	73	R/W	NV			
Alarm Status - Circuit 65	65	1275			BITS			BitString Value	74	R/W	NV			
Alarm Status - Circuit 66	66	1276			BITS			BitString Value	75	R/W	NV			
Alarm Status - Circuit 67	67	1277			BITS			BitString Value	76	R/W	NV			
Alarm Status - Circuit 68	68	1278			BITS			BitString Value	77	R/W	NV			
Alarm Status - Circuit 69	69	1279			BITS			BitString Value	78	R/W	NV			
Alarm Status - Circuit 70	70	1280			BITS			BitString Value	79	R/W	NV			
Alarm Status - Circuit 71	71	1281			BITS			BitString Value	80	R/W	NV			
Alarm Status - Circuit 72	72	1282			BITS			BitString Value	81	R/W	NV			
Alarm Status - Circuit 73	73	1283			BITS			BitString Value	82	R/W	NV			
Alarm Status - Circuit 74	74	1284			BITS			BitString Value	83	R/W	NV			
Alarm Status - Circuit 75	75	1285			BITS			BitString Value	84	R/W	NV			
Alarm Status - Circuit 76	76	1286			BITS			BitString Value	85	R/W	NV			
Alarm Status - Circuit 77	77	1287			BITS			BitString Value	86	R/W	NV			
Alarm Status - Circuit 78	78	1288			BITS			BitString Value	87	R/W	NV			
Alarm Status - Circuit 79	79	1289			BITS			BitString Value	88	R/W	NV			
Alarm Status - Circuit 80	80	1290			BITS			BitString Value	89	R/W	NV			
Alarm Status - Circuit 81	81	1291			BITS			BitString Value	90	R/W	NV			
Alarm Status - Circuit 82	82	1292			BITS			BitString Value	91	R/W	NV			
Alarm Status - Circuit 83	83	1293			BITS			BitString Value	92	R/W	NV			
Alarm Status - Circuit 84	84	1294			BITS			BitString Value	93	R/W	NV			
Alarm Status - Circuit 85	85	1295			BITS			BitString Value	94	R/W	NV			
Alarm Status - Circuit 86	86	1296			BITS			BitString Value	95	R/W	NV			
Alarm Status - Circuit 87	87	1297			BITS			BitString Value	96	R/W	NV			
Alarm Status - Circuit 88	88	1298			BITS			BitString Value	97	R/W	NV			
Alarm Status - Circuit 89	89	1299			BITS			BitString Value	98	R/W	NV			
Alarm Status - Circuit 90	90	1300			BITS			BitString Value	99	R/W	NV			
Alarm Status - Circuit 91	91	1301			BITS			BitString Value	100	R/W	NV			
Alarm Status - Circuit 92	92	1302			BITS			BitString Value	101	R/W	NV			
Alarm Status - Circuit 93	93	1303			BITS			BitString Value	102	R/W	NV			
Alarm Status - Circuit 94	94	1304			BITS			BitString Value	103	R/W	NV			
Alarm Status - Circuit 95	95	1305			BITS			BitString Value	104	R/W	NV			
Alarm Status - Circuit 96	96	1306			BITS			BitString Value	105	R/W	NV			
Alarm Summary Bit0 (6 Registers)		1307	1312											
High Latching Alarm Summary (6 Registers)		1313	1318											
Low Latching Alarm Summary (6 Registers)		1319	1324											
Alarm Summary Bit3 (6 Registers)		1325	1330											

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Scale	Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Alarm Summary Bit4 (6 Registers)		1331	1336											
Alarm Summary Bit5 (6 Registers)		1337	1342											
Alarm Summary Bit6 (6 Registers)		1343	1348											
Alarm Summary Bit7 (6 Registers)		1349	1354											
Alarm Summary Bit8 (6 Registers)		1355	1360											
Alarm Summary Bit9 (6 Registers)		1361	1366											
Alarm Summary Bit10 (6 Registers)		1367	1372											
Alarm Summary Bit11 (6 Registers)		1373	1378											
Zero Current Summary (6 Registers)		1379	1384											
Voltage Presence Summary (6 Registers)		1385	1390											
Alarm Summary Bit14 (6 Registers)		1391	1396											
Alarm Summary Bit15 (6 Registers)		1397	1402											
Zero Current State		1403	1498		UINT16			Analog Input	1841 - 1936	R				*Zero Current State registers will be updated when current drops to 0A*
Branch Zero Current State - Circuit 1	1	1403						Analog Input	1841	R				
Branch Zero Current State - Circuit 2	2	1404						Analog Input	1842	R				
Branch Zero Current State - Circuit 3	3	1405						Analog Input	1843	R				
Branch Zero Current State - Circuit 4	4	1406						Analog Input	1844	R				
Branch Zero Current State - Circuit 5	5	1407						Analog Input	1845	R				
Branch Zero Current State - Circuit 6	6	1408						Analog Input	1846	R				
Branch Zero Current State - Circuit 7	7	1409						Analog Input	1847	R				
Branch Zero Current State - Circuit 8	8	1410						Analog Input	1848	R				
Branch Zero Current State - Circuit 9	9	1411						Analog Input	1849	R				
Branch Zero Current State - Circuit 10	10	1412						Analog Input	1850	R				
Branch Zero Current State - Circuit 11	11	1413						Analog Input	1851	R				
Branch Zero Current State - Circuit 12	12	1414						Analog Input	1852	R				
Branch Zero Current State - Circuit 13	13	1415						Analog Input	1853	R				
Branch Zero Current State - Circuit 14	14	1416						Analog Input	1854	R				
Branch Zero Current State - Circuit 15	15	1417						Analog Input	1855	R				
Branch Zero Current State - Circuit 16	16	1418						Analog Input	1856	R				
Branch Zero Current State - Circuit 17	17	1419						Analog Input	1857	R				
Branch Zero Current State - Circuit 18	18	1420						Analog Input	1858	R				
Branch Zero Current State - Circuit 19	19	1421						Analog Input	1859	R				
Branch Zero Current State - Circuit 20	20	1422						Analog Input	1860	R				
Branch Zero Current State - Circuit 21	21	1423						Analog Input	1861	R				
Branch Zero Current State - Circuit 22	22	1424						Analog Input	1862	R				
Branch Zero Current State - Circuit 23	23	1425						Analog Input	1863	R				
Branch Zero Current State - Circuit 24	24	1426						Analog Input	1864	R				
Branch Zero Current State - Circuit 25	25	1427						Analog Input	1865	R				
Branch Zero Current State - Circuit 26	26	1428						Analog Input	1866	R				
Branch Zero Current State - Circuit 27	27	1429						Analog Input	1867	R				
Branch Zero Current State - Circuit 28	28	1430						Analog Input	1868	R				
Branch Zero Current State - Circuit 29	29	1431						Analog Input	1869	R				
Branch Zero Current State - Circuit 30	30	1432						Analog Input	1870	R				
Branch Zero Current State - Circuit 31	31	1433						Analog Input	1871	R				
Branch Zero Current State - Circuit 32	32	1434						Analog Input	1872	R				
Branch Zero Current State - Circuit 33	33	1435						Analog Input	1873	R				
Branch Zero Current State - Circuit 34	34	1436						Analog Input	1874	R				
Branch Zero Current State - Circuit 35	35	1437						Analog Input	1875	R				
Branch Zero Current State - Circuit 36	36	1438						Analog Input	1876	R				
Branch Zero Current State - Circuit 37	37	1439						Analog Input	1877	R				
Branch Zero Current State - Circuit 38	38	1440						Analog Input	1878	R				
Branch Zero Current State - Circuit 39	39	1441						Analog Input	1879	R				
Branch Zero Current State - Circuit 40	40	1442						Analog Input	1880	R				
Branch Zero Current State - Circuit 41	41	1443						Analog Input	1881	R				
Branch Zero Current State - Circuit 42	42	1444						Analog Input	1882	R				
Branch Zero Current State - Circuit 43	43	1445						Analog Input	1883	R				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Branch Zero Current State - Circuit 44	44	1446						Analog Input	1884	R				
Branch Zero Current State - Circuit 45	45	1447						Analog Input	1885	R				
Branch Zero Current State - Circuit 46	46	1448						Analog Input	1886	R				
Branch Zero Current State - Circuit 47	47	1449						Analog Input	1887	R				
Branch Zero Current State - Circuit 48	48	1450						Analog Input	1888	R				
Branch Zero Current State - Circuit 49	49	1451						Analog Input	1889	R				
Branch Zero Current State - Circuit 50	50	1452						Analog Input	1890	R				
Branch Zero Current State - Circuit 51	51	1453						Analog Input	1891	R				
Branch Zero Current State - Circuit 52	52	1454						Analog Input	1892	R				
Branch Zero Current State - Circuit 53	53	1455						Analog Input	1893	R				
Branch Zero Current State - Circuit 54	54	1456						Analog Input	1894	R				
Branch Zero Current State - Circuit 55	55	1457						Analog Input	1895	R				
Branch Zero Current State - Circuit 56	56	1458						Analog Input	1896	R				
Branch Zero Current State - Circuit 57	57	1459						Analog Input	1897	R				
Branch Zero Current State - Circuit 58	58	1460						Analog Input	1898	R				
Branch Zero Current State - Circuit 59	59	1461						Analog Input	1899	R				
Branch Zero Current State - Circuit 60	60	1462						Analog Input	1900	R				
Branch Zero Current State - Circuit 61	61	1463						Analog Input	1901	R				
Branch Zero Current State - Circuit 62	62	1464						Analog Input	1902	R				
Branch Zero Current State - Circuit 63	63	1465						Analog Input	1903	R				
Branch Zero Current State - Circuit 64	64	1466						Analog Input	1904	R				
Branch Zero Current State - Circuit 65	65	1467						Analog Input	1905	R				
Branch Zero Current State - Circuit 66	66	1468						Analog Input	1906	R				
Branch Zero Current State - Circuit 67	67	1469						Analog Input	1907	R				
Branch Zero Current State - Circuit 68	68	1470						Analog Input	1908	R				
Branch Zero Current State - Circuit 69	69	1471						Analog Input	1909	R				
Branch Zero Current State - Circuit 70	70	1472						Analog Input	1910	R				
Branch Zero Current State - Circuit 71	71	1473						Analog Input	1911	R				
Branch Zero Current State - Circuit 72	72	1474						Analog Input	1912	R				
Branch Zero Current State - Circuit 73	73	1475						Analog Input	1913	R				
Branch Zero Current State - Circuit 74	74	1476						Analog Input	1914	R				
Branch Zero Current State - Circuit 75	75	1477						Analog Input	1915	R				
Branch Zero Current State - Circuit 76	76	1478						Analog Input	1916	R				
Branch Zero Current State - Circuit 77	77	1479						Analog Input	1917	R				
Branch Zero Current State - Circuit 78	78	1480						Analog Input	1918	R				
Branch Zero Current State - Circuit 79	79	1481						Analog Input	1919	R				
Branch Zero Current State - Circuit 80	80	1482						Analog Input	1920	R				
Branch Zero Current State - Circuit 81	81	1483						Analog Input	1921	R				
Branch Zero Current State - Circuit 82	82	1484						Analog Input	1922	R				
Branch Zero Current State - Circuit 83	83	1485						Analog Input	1923	R				
Branch Zero Current State - Circuit 84	84	1486						Analog Input	1924	R				
Branch Zero Current State - Circuit 85	85	1487						Analog Input	1925	R				
Branch Zero Current State - Circuit 86	86	1488						Analog Input	1926	R				
Branch Zero Current State - Circuit 87	87	1489						Analog Input	1927	R				
Branch Zero Current State - Circuit 88	88	1490						Analog Input	1928	R				
Branch Zero Current State - Circuit 89	89	1491						Analog Input	1929	R				
Branch Zero Current State - Circuit 90	90	1492						Analog Input	1930	R				
Branch Zero Current State - Circuit 91	91	1493						Analog Input	1931	R				
Branch Zero Current State - Circuit 92	92	1494						Analog Input	1932	R				
Branch Zero Current State - Circuit 93	93	1495						Analog Input	1933	R				
Branch Zero Current State - Circuit 94	94	1496						Analog Input	1934	R				
Branch Zero Current State - Circuit 95	95	1497						Analog Input	1935	R				
Branch Zero Current State - Circuit 96	96	1498						Analog Input	1936	R				
Digital Input Summary		1500	1507		BITS					R				*Bit0 = Channel 1, Bit1 = Channel 2 ... Bit23 = Channel 24 (Bit24-31 are not used)*
Digital Input Summary Smart Port 1		1500	1501							R				
Digital Input Summary Smart Port 2		1502	1503							R				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Digital Input Summary Smart Port 3		1504	1505							R				
Digital Input Summary Smart Port 4		1506	1507							R				
Digital Inputs State By Channel		1508	1603		BITS			Binary Input	3 - 98	R				*Digital Inputs are active only when Digital Input card is connected to Smart Port*
Digital Input State Channel SP1 CH1	SP1 CH1	1508						Binary Input	3	R				
Digital Input State Channel SP1 CH2	SP1 CH2	1509						Binary Input	4	R				
Digital Input State Channel SP1 CH3	SP1 CH3	1510						Binary Input	5	R				
Digital Input State Channel SP1 CH4	SP1 CH4	1511						Binary Input	6	R				
Digital Input State Channel SP1 CH5	SP1 CH5	1512						Binary Input	7	R				
Digital Input State Channel SP1 CH6	SP1 CH6	1513						Binary Input	8	R				
Digital Input State Channel SP1 CH7	SP1 CH7	1514						Binary Input	9	R				
Digital Input State Channel SP1 CH8	SP1 CH8	1515						Binary Input	10	R				
Digital Input State Channel SP1 CH9	SP1 CH9	1516						Binary Input	11	R				
Digital Input State Channel SP1 CH10	SP1 CH10	1517						Binary Input	12	R				
Digital Input State Channel SP1 CH11	SP1 CH11	1518						Binary Input	13	R				
Digital Input State Channel SP1 CH12	SP1 CH12	1519						Binary Input	14	R				
Digital Input State Channel SP1 CH13	SP1 CH13	1520						Binary Input	15	R				
Digital Input State Channel SP1 CH14	SP1 CH14	1521						Binary Input	16	R				
Digital Input State Channel SP1 CH15	SP1 CH15	1522						Binary Input	17	R				
Digital Input State Channel SP1 CH16	SP1 CH16	1523						Binary Input	18	R				
Digital Input State Channel SP1 CH17	SP1 CH17	1524						Binary Input	19	R				
Digital Input State Channel SP1 CH18	SP1 CH18	1525						Binary Input	20	R				
Digital Input State Channel SP1 CH19	SP1 CH19	1526						Binary Input	21	R				
Digital Input State Channel SP1 CH20	SP1 CH20	1527						Binary Input	22	R				
Digital Input State Channel SP1 CH21	SP1 CH21	1528						Binary Input	23	R				
Digital Input State Channel SP1 CH22	SP1 CH22	1529						Binary Input	24	R				
Digital Input State Channel SP1 CH23	SP1 CH23	1530						Binary Input	25	R				
Digital Input State Channel SP1 CH24	SP1 CH24	1531						Binary Input	26	R				
Digital Input State Channel SP2 CH1	SP2 CH1	1532						Binary Input	27	R				
Digital Input State Channel SP2 CH2	SP2 CH2	1533						Binary Input	28	R				
Digital Input State Channel SP2 CH3	SP2 CH3	1534						Binary Input	29	R				
Digital Input State Channel SP2 CH4	SP2 CH4	1535						Binary Input	30	R				
Digital Input State Channel SP2 CH5	SP2 CH5	1536						Binary Input	31	R				
Digital Input State Channel SP2 CH6	SP2 CH6	1537						Binary Input	32	R				
Digital Input State Channel SP2 CH7	SP2 CH7	1538						Binary Input	33	R				
Digital Input State Channel SP2 CH8	SP2 CH8	1539						Binary Input	34	R				
Digital Input State Channel SP2 CH9	SP2 CH9	1540						Binary Input	35	R				
Digital Input State Channel SP2 CH10	SP2 CH10	1541						Binary Input	36	R				
Digital Input State Channel SP2 CH11	SP2 CH11	1542						Binary Input	37	R				
Digital Input State Channel SP2 CH12	SP2 CH12	1543						Binary Input	38	R				
Digital Input State Channel SP2 CH13	SP2 CH13	1544						Binary Input	39	R				
Digital Input State Channel SP2 CH14	SP2 CH14	1545						Binary Input	40	R				
Digital Input State Channel SP2 CH15	SP2 CH15	1546						Binary Input	41	R				
Digital Input State Channel SP2 CH16	SP2 CH16	1547						Binary Input	42	R				
Digital Input State Channel SP2 CH17	SP2 CH17	1548						Binary Input	43	R				
Digital Input State Channel SP2 CH18	SP2 CH18	1549						Binary Input	44	R				
Digital Input State Channel SP2 CH19	SP2 CH19	1550						Binary Input	45	R				
Digital Input State Channel SP2 CH20	SP2 CH20	1551						Binary Input	46	R				
Digital Input State Channel SP2 CH21	SP2 CH21	1552						Binary Input	47	R				
Digital Input State Channel SP2 CH22	SP2 CH22	1553						Binary Input	48	R				
Digital Input State Channel SP2 CH23	SP2 CH23	1554						Binary Input	49	R				
Digital Input State Channel SP2 CH24	SP2 CH24	1555						Binary Input	50	R				
Digital Input State Channel SP3 CH1	SP3 CH1	1556						Binary Input	51	R				
Digital Input State Channel SP3 CH2	SP3 CH2	1557						Binary Input	52	R				
Digital Input State Channel SP3 CH3	SP3 CH3	1558						Binary Input	53	R				
Digital Input State Channel SP3 CH4	SP3 CH4	1559						Binary Input	54	R				
Digital Input State Channel SP3 CH5	SP3 CH5	1560						Binary Input	55	R				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Digital Input State Channel SP3 CH6	SP3 CH6	1561						Binary Input	56	R				
Digital Input State Channel SP3 CH7	SP3 CH7	1562						Binary Input	57	R				
Digital Input State Channel SP3 CH8	SP3 CH8	1563						Binary Input	58	R				
Digital Input State Channel SP3 CH9	SP3 CH9	1564						Binary Input	59	R				
Digital Input State Channel SP3 CH10	SP3 CH10	1565						Binary Input	60	R				
Digital Input State Channel SP3 CH11	SP3 CH11	1566						Binary Input	61	R				
Digital Input State Channel SP3 CH12	SP3 CH12	1567						Binary Input	62	R				
Digital Input State Channel SP3 CH13	SP3 CH13	1568						Binary Input	63	R				
Digital Input State Channel SP3 CH14	SP3 CH14	1569						Binary Input	64	R				
Digital Input State Channel SP3 CH15	SP3 CH15	1570						Binary Input	65	R				
Digital Input State Channel SP3 CH16	SP3 CH16	1571						Binary Input	66	R				
Digital Input State Channel SP3 CH17	SP3 CH17	1572						Binary Input	67	R				
Digital Input State Channel SP3 CH18	SP3 CH18	1573						Binary Input	68	R				
Digital Input State Channel SP3 CH19	SP3 CH19	1574						Binary Input	69	R				
Digital Input State Channel SP3 CH20	SP3 CH20	1575						Binary Input	70	R				
Digital Input State Channel SP3 CH21	SP3 CH21	1576						Binary Input	71	R				
Digital Input State Channel SP3 CH22	SP3 CH22	1577						Binary Input	72	R				
Digital Input State Channel SP3 CH23	SP3 CH23	1578						Binary Input	73	R				
Digital Input State Channel SP3 CH24	SP3 CH24	1579						Binary Input	74	R				
Digital Input State Channel SP4 CH1	SP4 CH1	1580						Binary Input	75	R				
Digital Input State Channel SP4 CH2	SP4 CH2	1581						Binary Input	76	R				
Digital Input State Channel SP4 CH3	SP4 CH3	1582						Binary Input	77	R				
Digital Input State Channel SP4 CH4	SP4 CH4	1583						Binary Input	78	R				
Digital Input State Channel SP4 CH5	SP4 CH5	1584						Binary Input	79	R				
Digital Input State Channel SP4 CH6	SP4 CH6	1585						Binary Input	80	R				
Digital Input State Channel SP4 CH7	SP4 CH7	1586						Binary Input	81	R				
Digital Input State Channel SP4 CH8	SP4 CH8	1587						Binary Input	82	R				
Digital Input State Channel SP4 CH9	SP4 CH9	1588						Binary Input	83	R				
Digital Input State Channel SP4 CH10	SP4 CH10	1589						Binary Input	84	R				
Digital Input State Channel SP4 CH11	SP4 CH11	1590						Binary Input	85	R				
Digital Input State Channel SP4 CH12	SP4 CH12	1591						Binary Input	86	R				
Digital Input State Channel SP4 CH13	SP4 CH13	1592						Binary Input	87	R				
Digital Input State Channel SP4 CH14	SP4 CH14	1593						Binary Input	88	R				
Digital Input State Channel SP4 CH15	SP4 CH15	1594						Binary Input	89	R				
Digital Input State Channel SP4 CH16	SP4 CH16	1595						Binary Input	90	R				
Digital Input State Channel SP4 CH17	SP4 CH17	1596						Binary Input	91	R				
Digital Input State Channel SP4 CH18	SP4 CH18	1597						Binary Input	92	R				
Digital Input State Channel SP4 CH19	SP4 CH19	1598						Binary Input	93	R				
Digital Input State Channel SP4 CH20	SP4 CH20	1599						Binary Input	94	R				
Digital Input State Channel SP4 CH21	SP4 CH21	1600						Binary Input	95	R				
Digital Input State Channel SP4 CH22	SP4 CH22	1601						Binary Input	96	R				
Digital Input State Channel SP4 CH23	SP4 CH23	1602						Binary Input	97	R				
Digital Input State Channel SP4 CH24	SP4 CH24	1603						Binary Input	98	R				
Voltage Events														
Total Number of Events		1700			UINT16					R	NV		0 - 65535	*See Global Reset/Command Register (Reg 192) to reset event counter*
Most Recent Event Type		1701			UINT16					R	NV			*0 - No Event, 1 = Line Voltage Swell, 2 = Line Voltage Sag, 3 = Dropout, 4 = Low Frequency Decaying Ringwave, 5 = High-Frequency Impulse and Ringwave*
Most Recent Event Line		1702			UINT16					R	NV		0 - 2	*0 = L1, 1 = L2, 2 = L3*
Most Recent Event Time Stamp (Year)		1703			UINT16					R	NV			*Years since 1900 (118 = 2018)*
Most Recent Event Time Stamp (Month)		1704			UINT16					R	NV		0 - 11	*Month (0 = January)*
Most Recent Event Time Stamp (Day)		1705			UINT16					R	NV		1 - 31	*Day of the Month*
Most Recent Event Time Stamp (Weekday)		1706			UINT16					R	NV		0 - 6	*Weekday (1 = Monday)*
Most Recent Event Time Stamp (Hour)		1707			UINT16					R	NV		0 - 23	*Hour (13 = 1PM)*
Most Recent Event Time Stamp (Min)		1708			UINT16					R	NV		0 - 59	*Minute*
Most Recent Event Time Stamp (Second)		1709			UINT16					R	NV		0 - 59	*Second*
Most Recent Event Voltage		1710		-2		1712	1713			R	NV	Volts		

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Most Recent Event Duration		1711		-3		1714	1715			R	NV	Seconds		
Smart Port & Panel Information														
Smart Port 1&2 (Panel 1) Circuit Configuration		1800						Analog Value	3	R/W/L	NV		0 - 4	*0 = Top Feed, 1 = Bottom Feed, 2 = Single Row Sequential,*
Smart Port 3$4 (Panel 2) Circuit Configuration		1801						Analog Value	4	R/W/L	NV		0 - 4	*3 = Single Row Odd/Even, 4 = Sequential (Duplicated from register 147 & 148)*
Panel 1 Location (64 Registers)		1802	1865							R/W/L	NV			*Location string for Panel 1 and Panel 2,*
Panel 2 Location (64 Registers)		1866	1929							R/W/L	NV			*Each string supports up to 128 characters (64 registers)*
Smart Port 1 Status		1930								R				
Smart Port 2 Status		1931								R				
Smart Port 3 Status		1932								R			0 - 3	*0 = Nothing Detected, 1 = Status OK, 2 = Offline, 3 = Invalid Device Detected*
Smart Port 4 Status		1933								R				
# of Devices Connected to Smart Port 1		1934												
# of Devices Connected to Smart Port 2		1935												
# of Devices Connected to Smart Port 3		1936												
# of Devices Connected to Smart Port 4		1937												
# of Active Channels on Smart Port 1		1938												
# of Active Channels on Smart Port 2		1939												
# of Active Channels on Smart Port 3		1940												
# of Active Channels on Smart Port 4		1941												
Smart Port #1 Information														
Smart Port #1 Device #1 Device ID		1942												
Smart Port #1 Device #2 Device ID		1943												
Smart Port #1 Device #3 Device ID		1944												
Smart Port #1 Device #4 Device ID		1945												
Smart Port #1 Device #5 Device ID		1946												
Smart Port #1 Device #6 Device ID		1947												
Smart Port #1 Device #7 Device ID		1948												
Smart Port #1 Device #8 Device ID		1949												
Smart Port #1 Device #1 Serial Number		1950	1951											
Smart Port #1 Device #2 Serial Number		1952	1953											
Smart Port #1 Device #3 Serial Number		1954	1955											
Smart Port #1 Device #4 Serial Number		1956	1957											
Smart Port #1 Device #5 Serial Number		1958	1959											
Smart Port #1 Device #6 Serial Number		1960	1961											
Smart Port #1 Device #7 Serial Number		1962	1963											
Smart Port #1 Device #8 Serial Number		1964	1965											
Smart Port #1 Device #1 Firmware Version		1966												
Smart Port #1 Device #2 Firmware Version		1967												
Smart Port #1 Device #3 Firmware Version		1968												
Smart Port #1 Device #4 Firmware Version		1969												
Smart Port #1 Device #5 Firmware Version		1970												
Smart Port #1 Device #6 Firmware Version		1971												
Smart Port #1 Device #7 Firmware Version		1972												
Smart Port #1 Device #8 Firmware Version		1973												
Smart Port #1 Device #1 Status		1974												
Smart Port #1 Device #2 Status		1975												
Smart Port #1 Device #3 Status		1976												
Smart Port #1 Device #4 Status		1977												
Smart Port #1 Device #5 Status		1978												
Smart Port #1 Device #6 Status		1979												
Smart Port #1 Device #7 Status		1980												
Smart Port #1 Device #8 Status		1981												

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Scale	Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W/L	NV	Units	Range	Notes
Smart Port #1 Device #1 Number Of Channels		1982												
Smart Port #1 Device #2 Number Of Channels		1983												
Smart Port #1 Device #3 Number Of Channels		1984												
Smart Port #1 Device #4 Number Of Channels		1985												
Smart Port #1 Device #5 Number Of Channels		1986												
Smart Port #1 Device #6 Number Of Channels		1987												
Smart Port #1 Device #7 Number Of Channels		1988												
Smart Port #1 Device #8 Number Of Channels		1989												
Smart Port #1 Device #1 Name (15 Registers)		1990	2004											
Smart Port #1 Device #2 Name (15 Registers)		2005	2019											
Smart Port #1 Device #3 Name (15 Registers)		2020	2034											
Smart Port #1 Device #4 Name (15 Registers)		2035	2049											
Smart Port #1 Device #5 Name (15 Registers)		2050	2064											
Smart Port #1 Device #6 Name (15 Registers)		2065	2079											
Smart Port #1 Device #7 Name (15 Registers)		2080	2094											
Smart Port #1 Device #8 Name (15 Registers)		2095	2109											
Smart Port #2 Information														
Smart Port #2 Device #1 Device ID		2110												
Smart Port #2 Device #2 Device ID		2111												
Smart Port #2 Device #3 Device ID		2112												
Smart Port #2 Device #4 Device ID		2113												
Smart Port #2 Device #5 Device ID		2114												
Smart Port #2 Device #6 Device ID		2115												
Smart Port #2 Device #7 Device ID		2116												
Smart Port #2 Device #8 Device ID		2117												
Smart Port #2 Device #1 Serial Number		2118	2119											
Smart Port #2 Device #2 Serial Number		2120	2121											
Smart Port #2 Device #3 Serial Number		2122	2123											
Smart Port #2 Device #4 Serial Number		2124	2125											
Smart Port #2 Device #5 Serial Number		2126	2127											
Smart Port #2 Device #6 Serial Number		2128	2129											
Smart Port #2 Device #7 Serial Number		2130	2131											
Smart Port #2 Device #8 Serial Number		2132	2133											
Smart Port #2 Device #1 Firmware Version		2134												
Smart Port #2 Device #2 Firmware Version		2135												
Smart Port #2 Device #3 Firmware Version		2136												
Smart Port #2 Device #4 Firmware Version		2137												
Smart Port #2 Device #5 Firmware Version		2138												
Smart Port #2 Device #6 Firmware Version		2139												
Smart Port #2 Device #7 Firmware Version		2140												
Smart Port #2 Device #8 Firmware Version		2141												
Smart Port #2 Device #1 Status		2142												
Smart Port #2 Device #2 Status		2143												
Smart Port #2 Device #3 Status		2144												
Smart Port #2 Device #4 Status		2145												
Smart Port #2 Device #5 Status		2146												
Smart Port #2 Device #6 Status		2147												
Smart Port #2 Device #7 Status		2148												
Smart Port #2 Device #8 Status		2149												
Smart Port #2 Device #1 Number Of Channels		2150												
Smart Port #2 Device #2 Number Of Channels		2151												
Smart Port #2 Device #3 Number Of Channels		2152												
Smart Port #2 Device #4 Number Of Channels		2153												

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Scale	Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W/L (R - Read, W - Write, L - Lock)	NV	Units	Range	Notes
Smart Port #2 Device #5 Number Of Channels		2154												
Smart Port #2 Device #6 Number Of Channels		2155												
Smart Port #2 Device #7 Number Of Channels		2156												
Smart Port #2 Device #8 Number Of Channels		2157												
Smart Port #2 Device #1 Name (15 Registers)		2158	2172											
Smart Port #2 Device #2 Name (15 Registers)		2173	2187											
Smart Port #2 Device #3 Name (15 Registers)		2188	2202											
Smart Port #2 Device #4 Name (15 Registers)		2203	2217											
Smart Port #2 Device #5 Name (15 Registers)		2218	2232											
Smart Port #2 Device #6 Name (15 Registers)		2233	2247											
Smart Port #2 Device #7 Name (15 Registers)		2248	2262											
Smart Port #2 Device #8 Name (15 Registers)		2263	2277											
Smart Port #3 Information														
Smart Port #3 Device #1 Device ID		2278												
Smart Port #3 Device #2 Device ID		2279												
Smart Port #3 Device #3 Device ID		2280												
Smart Port #3 Device #4 Device ID		2281												
Smart Port #3 Device #5 Device ID		2282												
Smart Port #3 Device #6 Device ID		2283												
Smart Port #3 Device #7 Device ID		2284												
Smart Port #3 Device #8 Device ID		2285												
Smart Port #3 Device #1 Serial Number		2286	2287											
Smart Port #3 Device #2 Serial Number		2288	2289											
Smart Port #3 Device #3 Serial Number		2290	2291											
Smart Port #3 Device #4 Serial Number		2292	2293											
Smart Port #3 Device #5 Serial Number		2294	2295											
Smart Port #3 Device #6 Serial Number		2296	2297											
Smart Port #3 Device #7 Serial Number		2298	2299											
Smart Port #3 Device #8 Serial Number		2300	2301											
Smart Port #3 Device #1 Firmware Version		2302												
Smart Port #3 Device #2 Firmware Version		2303												
Smart Port #3 Device #3 Firmware Version		2304												
Smart Port #3 Device #4 Firmware Version		2305												
Smart Port #3 Device #5 Firmware Version		2306												
Smart Port #3 Device #6 Firmware Version		2307												
Smart Port #3 Device #7 Firmware Version		2308												
Smart Port #3 Device #8 Firmware Version		2309												
Smart Port #3 Device #1 Status		2310												
Smart Port #3 Device #2 Status		2311												
Smart Port #3 Device #3 Status		2312												
Smart Port #3 Device #4 Status		2313												
Smart Port #3 Device #5 Status		2314												
Smart Port #3 Device #6 Status		2315												
Smart Port #3 Device #7 Status		2316												
Smart Port #3 Device #8 Status		2317												
Smart Port #3 Device #1 Number Of Channels		2318												
Smart Port #3 Device #2 Number Of Channels		2319												
Smart Port #3 Device #3 Number Of Channels		2320												
Smart Port #3 Device #4 Number Of Channels		2321												
Smart Port #3 Device #5 Number Of Channels		2322												
Smart Port #3 Device #6 Number Of Channels		2323												
Smart Port #3 Device #7 Number Of Channels		2324												
Smart Port #3 Device #8 Number Of Channels		2325												

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Smart Port #3 Device #1 Name (15 Registers)		2326	2340											
Smart Port #3 Device #2 Name (15 Registers)		2341	2355											
Smart Port #3 Device #3 Name (15 Registers)		2356	2370											
Smart Port #3 Device #4 Name (15 Registers)		2371	2385											
Smart Port #3 Device #5 Name (15 Registers)		2386	2400											
Smart Port #3 Device #6 Name (15 Registers)		2401	2415											
Smart Port #3 Device #7 Name (15 Registers)		2416	2430											
Smart Port #3 Device #8 Name (15 Registers)		2431	2445											
Smart Port #4 Information														
Smart Port #4 Device #1 Device ID		2446												
Smart Port #4 Device #2 Device ID		2447												
Smart Port #4 Device #3 Device ID		2448												
Smart Port #4 Device #4 Device ID		2449												
Smart Port #4 Device #5 Device ID		2450												
Smart Port #4 Device #6 Device ID		2451												
Smart Port #4 Device #7 Device ID		2452												
Smart Port #4 Device #8 Device ID		2453												
Smart Port #4 Device #1 Serial Number		2454	2455											
Smart Port #4 Device #2 Serial Number		2456	2457											
Smart Port #4 Device #3 Serial Number		2458	2459											
Smart Port #4 Device #4 Serial Number		2460	2461											
Smart Port #4 Device #5 Serial Number		2462	2463											
Smart Port #4 Device #6 Serial Number		2464	2465											
Smart Port #4 Device #7 Serial Number		2466	2467											
Smart Port #4 Device #8 Serial Number		2468	2469											
Smart Port #4 Device #1 Firmware Version		2470												
Smart Port #4 Device #2 Firmware Version		2471												
Smart Port #4 Device #3 Firmware Version		2472												
Smart Port #4 Device #4 Firmware Version		2473												
Smart Port #4 Device #5 Firmware Version		2474												
Smart Port #4 Device #6 Firmware Version		2475												
Smart Port #4 Device #7 Firmware Version		2476												
Smart Port #4 Device #8 Firmware Version		2477												
Smart Port #4 Device #1 Status		2478												
Smart Port #4 Device #2 Status		2479												
Smart Port #4 Device #3 Status		2480												
Smart Port #4 Device #4 Status		2481												
Smart Port #4 Device #5 Status		2482												
Smart Port #4 Device #6 Status		2483												
Smart Port #4 Device #7 Status		2484												
Smart Port #4 Device #8 Status		2485												
Smart Port #4 Device #1 Number Of Channels		2486												
Smart Port #4 Device #2 Number Of Channels		2487												
Smart Port #4 Device #3 Number Of Channels		2488												
Smart Port #4 Device #4 Number Of Channels		2489												
Smart Port #4 Device #5 Number Of Channels		2490												
Smart Port #4 Device #6 Number Of Channels		2491												
Smart Port #4 Device #7 Number Of Channels		2492												
Smart Port #4 Device #8 Number Of Channels		2493												
Smart Port #4 Device #1 Name (15 Registers)		2494	2508											
Smart Port #4 Device #2 Name (15 Registers)		2509	2523											
Smart Port #4 Device #3 Name (15 Registers)		2524	2538											
Smart Port #4 Device #4 Name (15 Registers)		2539	2553											

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Smart Port #4 Device #5 Name (15 Registers)		2554	2568											
Smart Port #4 Device #6 Name (15 Registers)		2569	2583											
Smart Port #4 Device #7 Name (15 Registers)		2584	2598											
Smart Port #4 Device #8 Name (15 Registers)		2599	2613											
Voltage Readings														
Voltage Scale		4800			INT16					R				
Frequency		4801		-2	UINT16	4900	4901	Analog Input	1	R		Hz		*Derived from L1*
Voltage LN Average		4802		4800	UINT16	4902	4903	Analog Input	2	R		Volts		
Voltage LL Average		4803		4800	UINT16	4904	4905	Analog Input	3	R		Volts		
Voltage LN		4804	4806	4800	UINT16	4906	4911	Analog Input	4 - 6	R		Volts		
Voltage L1		4804		4800	UINT16	4906	4907	Analog Input	4	R		Volts		
Voltage L2		4805		4800	UINT16	4908	4909	Analog Input	5	R		Volts		
Voltage L3		4806		4800	UINT16	4910	4911	Analog Input	6	R		Volts		
Voltage LL		4807	4809	4800	UINT16	4912	4917	Analog Input	7 - 9	R		Volts		
Voltage L1 - L2		4807		4800	UINT16	4912	4913	Analog Input	7	R		Volts		
Voltage L2 - L3		4808		4800	UINT16	4914	4915	Analog Input	8	R		Volts		
Voltage L3 - L1		4809		4800	UINT16	4916	4917	Analog Input	9	R		Volts		
Percent THD		4810	4813	-1	UINT16	4918	4925	Analog Input	10 - 13	R		Percent		
Percent THD Average (L1, L2 & L3)		4810		-1	UINT16	4918	4919	Analog Input	10	R		Percent		
Percent THD - L1		4811		-1	UINT16	4920	4921	Analog Input	11	R		Percent		
Percent THD - L2		4812		-1	UINT16	4922	4923	Analog Input	12	R		Percent		
Percent THD - L3		4813		-1	UINT16	4924	4925	Analog Input	13	R		Percent		
Voltage Angle		4814	4816	-1	INT16	4926	4931	Analog Input	14 - 16	R		Degrees		
L1 Angle		4814		-1	INT16	4926	4927	Analog Input	14	R		Degrees		*Reference used to derive angle for other phases - Always Reads 0*
L2 Angle		4815		-1	INT16	4928	4929	Analog Input	15	R		Degrees		
L3 Angle		4816		-1	INT16	4930	4931	Analog Input	16	R		Degrees		
Single Phase Reading by Type														
Energy Scale		5000	5095		INT16					R				*Scale values are only used for Integer registers*
Energy Scale - Circuit 1	1	5000			INT16					R				
Energy Scale - Circuit 2	2	5001			INT16					R				
Energy Scale - Circuit 3	3	5002			INT16					R				
Energy Scale - Circuit 4	4	5003			INT16					R				
Energy Scale - Circuit 5	5	5004			INT16					R				
Energy Scale - Circuit 6	6	5005			INT16					R				
Energy Scale - Circuit 7	7	5006			INT16					R				
Energy Scale - Circuit 8	8	5007			INT16					R				
Energy Scale - Circuit 9	9	5008			INT16					R				
Energy Scale - Circuit 10	10	5009			INT16					R				
Energy Scale - Circuit 11	11	5010			INT16					R				
Energy Scale - Circuit 12	12	5011			INT16					R				
Energy Scale - Circuit 13	13	5012			INT16					R				
Energy Scale - Circuit 14	14	5013			INT16					R				
Energy Scale - Circuit 15	15	5014			INT16					R				
Energy Scale - Circuit 16	16	5015			INT16					R				
Energy Scale - Circuit 17	17	5016			INT16					R				
Energy Scale - Circuit 18	18	5017			INT16					R				
Energy Scale - Circuit 19	19	5018			INT16					R				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Energy Scale - Circuit 20	20	5019			INT16					R				
Energy Scale - Circuit 21	21	5020			INT16					R				
Energy Scale - Circuit 22	22	5021			INT16					R				
Energy Scale - Circuit 23	23	5022			INT16					R				
Energy Scale - Circuit 24	24	5023			INT16					R				
Energy Scale - Circuit 25	25	5024			INT16					R				
Energy Scale - Circuit 26	26	5025			INT16					R				
Energy Scale - Circuit 27	27	5026			INT16					R				
Energy Scale - Circuit 28	28	5027			INT16					R				
Energy Scale - Circuit 29	29	5028			INT16					R				
Energy Scale - Circuit 30	30	5029			INT16					R				
Energy Scale - Circuit 31	31	5030			INT16					R				
Energy Scale - Circuit 32	32	5031			INT16					R				
Energy Scale - Circuit 33	33	5032			INT16					R				
Energy Scale - Circuit 34	34	5033			INT16					R				
Energy Scale - Circuit 35	35	5034			INT16					R				
Energy Scale - Circuit 36	36	5035			INT16					R				
Energy Scale - Circuit 37	37	5036			INT16					R				
Energy Scale - Circuit 38	38	5037			INT16					R				
Energy Scale - Circuit 39	39	5038			INT16					R				
Energy Scale - Circuit 40	40	5039			INT16					R				
Energy Scale - Circuit 41	41	5040			INT16					R				
Energy Scale - Circuit 42	42	5041			INT16					R				
Energy Scale - Circuit 43	43	5042			INT16					R				
Energy Scale - Circuit 44	44	5043			INT16					R				
Energy Scale - Circuit 45	45	5044			INT16					R				
Energy Scale - Circuit 46	46	5045			INT16					R				
Energy Scale - Circuit 47	47	5046			INT16					R				
Energy Scale - Circuit 48	48	5047			INT16					R				
Energy Scale - Circuit 49	49	5048			INT16					R				
Energy Scale - Circuit 50	50	5049			INT16					R				
Energy Scale - Circuit 51	51	5050			INT16					R				
Energy Scale - Circuit 52	52	5051			INT16					R				
Energy Scale - Circuit 53	53	5052			INT16					R				
Energy Scale - Circuit 54	54	5053			INT16					R				
Energy Scale - Circuit 55	55	5054			INT16					R				
Energy Scale - Circuit 56	56	5055			INT16					R				
Energy Scale - Circuit 57	57	5056			INT16					R				
Energy Scale - Circuit 58	58	5057			INT16					R				
Energy Scale - Circuit 59	59	5058			INT16					R				
Energy Scale - Circuit 60	60	5059			INT16					R				
Energy Scale - Circuit 61	61	5060			INT16					R				
Energy Scale - Circuit 62	62	5061			INT16					R				
Energy Scale - Circuit 63	63	5062			INT16					R				
Energy Scale - Circuit 64	64	5063			INT16					R				
Energy Scale - Circuit 65	65	5064			INT16					R				
Energy Scale - Circuit 66	66	5065			INT16					R				
Energy Scale - Circuit 67	67	5066			INT16					R				
Energy Scale - Circuit 68	68	5067			INT16					R				
Energy Scale - Circuit 69	69	5068			INT16					R				
Energy Scale - Circuit 70	70	5069			INT16					R				
Energy Scale - Circuit 71	71	5070			INT16					R				
Energy Scale - Circuit 72	72	5071			INT16					R				
Energy Scale - Circuit 73	73	5072			INT16					R				
Energy Scale - Circuit 74	74	5073			INT16					R				
Energy Scale - Circuit 75	75	5074			INT16					R				
Energy Scale - Circuit 76	76	5075			INT16					R				
Energy Scale - Circuit 77	77	5076			INT16					R				

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Energy Scale - Circuit 78	78	5077			INT16					R				
Energy Scale - Circuit 79	79	5078			INT16					R				
Energy Scale - Circuit 80	80	5079			INT16					R				
Energy Scale - Circuit 81	81	5080			INT16					R				
Energy Scale - Circuit 82	82	5081			INT16					R				
Energy Scale - Circuit 83	83	5082			INT16					R				
Energy Scale - Circuit 84	84	5083			INT16					R				
Energy Scale - Circuit 85	85	5084			INT16					R				
Energy Scale - Circuit 86	86	5085			INT16					R				
Energy Scale - Circuit 87	87	5086			INT16					R				
Energy Scale - Circuit 88	88	5087			INT16					R				
Energy Scale - Circuit 89	89	5088			INT16					R				
Energy Scale - Circuit 90	90	5089			INT16					R				
Energy Scale - Circuit 91	91	5090			INT16					R				
Energy Scale - Circuit 92	92	5091			INT16					R				
Energy Scale - Circuit 93	93	5092			INT16					R				
Energy Scale - Circuit 94	94	5093			INT16					R				
Energy Scale - Circuit 95	95	5094			INT16					R				
Energy Scale - Circuit 96	96	5095			INT16					R				
Power Scale		5096	5191		INT16					R				*Scale values are only used for Integer registers*
Power Scale - Circuit 1	1	5096			INT16					R				
Power Scale - Circuit 2	2	5097			INT16					R				
Power Scale - Circuit 3	3	5098			INT16					R				
Power Scale - Circuit 4	4	5099			INT16					R				
Power Scale - Circuit 5	5	5100			INT16					R				
Power Scale - Circuit 6	6	5101			INT16					R				
Power Scale - Circuit 7	7	5102			INT16					R				
Power Scale - Circuit 8	8	5103			INT16					R				
Power Scale - Circuit 9	9	5104			INT16					R				
Power Scale - Circuit 10	10	5105			INT16					R				
Power Scale - Circuit 11	11	5106			INT16					R				
Power Scale - Circuit 12	12	5107			INT16					R				
Power Scale - Circuit 13	13	5108			INT16					R				
Power Scale - Circuit 14	14	5109			INT16					R				
Power Scale - Circuit 15	15	5110			INT16					R				
Power Scale - Circuit 16	16	5111			INT16					R				
Power Scale - Circuit 17	17	5112			INT16					R				
Power Scale - Circuit 18	18	5113			INT16					R				
Power Scale - Circuit 19	19	5114			INT16					R				
Power Scale - Circuit 20	20	5115			INT16					R				
Power Scale - Circuit 21	21	5116			INT16					R				
Power Scale - Circuit 22	22	5117			INT16					R				
Power Scale - Circuit 23	23	5118			INT16					R				
Power Scale - Circuit 24	24	5119			INT16					R				
Power Scale - Circuit 25	25	5120			INT16					R				
Power Scale - Circuit 26	26	5121			INT16					R				
Power Scale - Circuit 27	27	5122			INT16					R				
Power Scale - Circuit 28	28	5123			INT16					R				
Power Scale - Circuit 29	29	5124			INT16					R				
Power Scale - Circuit 30	30	5125			INT16					R				
Power Scale - Circuit 31	31	5126			INT16					R				
Power Scale - Circuit 32	32	5127			INT16					R				
Power Scale - Circuit 33	33	5128			INT16					R				
Power Scale - Circuit 34	34	5129			INT16					R				
Power Scale - Circuit 35	35	5130			INT16					R				
Power Scale - Circuit 36	36	5131			INT16					R				

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R/W/L	NV	Units	Range	Notes
Power Scale - Circuit 37	37	5132			INT16					R				
Power Scale - Circuit 38	38	5133			INT16					R				
Power Scale - Circuit 39	39	5134			INT16					R				
Power Scale - Circuit 40	40	5135			INT16					R				
Power Scale - Circuit 41	41	5136			INT16					R				
Power Scale - Circuit 42	42	5137			INT16					R				
Power Scale - Circuit 43	43	5138			INT16					R				
Power Scale - Circuit 44	44	5139			INT16					R				
Power Scale - Circuit 45	45	5140			INT16					R				
Power Scale - Circuit 46	46	5141			INT16					R				
Power Scale - Circuit 47	47	5142			INT16					R				
Power Scale - Circuit 48	48	5143			INT16					R				
Power Scale - Circuit 49	49	5144			INT16					R				
Power Scale - Circuit 50	50	5145			INT16					R				
Power Scale - Circuit 51	51	5146			INT16					R				
Power Scale - Circuit 52	52	5147			INT16					R				
Power Scale - Circuit 53	53	5148			INT16					R				
Power Scale - Circuit 54	54	5149			INT16					R				
Power Scale - Circuit 55	55	5150			INT16					R				
Power Scale - Circuit 56	56	5151			INT16					R				
Power Scale - Circuit 57	57	5152			INT16					R				
Power Scale - Circuit 58	58	5153			INT16					R				
Power Scale - Circuit 59	59	5154			INT16					R				
Power Scale - Circuit 60	60	5155			INT16					R				
Power Scale - Circuit 61	61	5156			INT16					R				
Power Scale - Circuit 62	62	5157			INT16					R				
Power Scale - Circuit 63	63	5158			INT16					R				
Power Scale - Circuit 64	64	5159			INT16					R				
Power Scale - Circuit 65	65	5160			INT16					R				
Power Scale - Circuit 66	66	5161			INT16					R				
Power Scale - Circuit 67	67	5162			INT16					R				
Power Scale - Circuit 68	68	5163			INT16					R				
Power Scale - Circuit 69	69	5164			INT16					R				
Power Scale - Circuit 70	70	5165			INT16					R				
Power Scale - Circuit 71	71	5166			INT16					R				
Power Scale - Circuit 72	72	5167			INT16					R				
Power Scale - Circuit 73	73	5168			INT16					R				
Power Scale - Circuit 74	74	5169			INT16					R				
Power Scale - Circuit 75	75	5170			INT16					R				
Power Scale - Circuit 76	76	5171			INT16					R				
Power Scale - Circuit 77	77	5172			INT16					R				
Power Scale - Circuit 78	78	5173			INT16					R				
Power Scale - Circuit 79	79	5174			INT16					R				
Power Scale - Circuit 80	80	5175			INT16					R				
Power Scale - Circuit 81	81	5176			INT16					R				
Power Scale - Circuit 82	82	5177			INT16					R				
Power Scale - Circuit 83	83	5178			INT16					R				
Power Scale - Circuit 84	84	5179			INT16					R				
Power Scale - Circuit 85	85	5180			INT16					R				
Power Scale - Circuit 86	86	5181			INT16					R				
Power Scale - Circuit 87	87	5182			INT16					R				
Power Scale - Circuit 88	88	5183			INT16					R				
Power Scale - Circuit 89	89	5184			INT16					R				
Power Scale - Circuit 90	90	5185			INT16					R				
Power Scale - Circuit 91	91	5186			INT16					R				
Power Scale - Circuit 92	92	5187			INT16					R				
Power Scale - Circuit 93	93	5188			INT16					R				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Power Scale - Circuit 94	94	5189			INT16					R				
Power Scale - Circuit 95	95	5190			INT16					R				
Power Scale - Circuit 96	96	5191			INT16					R				
Current Scale		5192	5287		INT16					R				*Scale values are only used for Integer registers*
Current Scale - Circuit 1	1	5192			INT16					R				
Current Scale - Circuit 2	2	5193			INT16					R				
Current Scale - Circuit 3	3	5194			INT16					R				
Current Scale - Circuit 4	4	5195			INT16					R				
Current Scale - Circuit 5	5	5196			INT16					R				
Current Scale - Circuit 6	6	5197			INT16					R				
Current Scale - Circuit 7	7	5198			INT16					R				
Current Scale - Circuit 8	8	5199			INT16					R				
Current Scale - Circuit 9	9	5200			INT16					R				
Current Scale - Circuit 10	10	5201			INT16					R				
Current Scale - Circuit 11	11	5202			INT16					R				
Current Scale - Circuit 12	12	5203			INT16					R				
Current Scale - Circuit 13	13	5204			INT16					R				
Current Scale - Circuit 14	14	5205			INT16					R				
Current Scale - Circuit 15	15	5206			INT16					R				
Current Scale - Circuit 16	16	5207			INT16					R				
Current Scale - Circuit 17	17	5208			INT16					R				
Current Scale - Circuit 18	18	5209			INT16					R				
Current Scale - Circuit 19	19	5210			INT16					R				
Current Scale - Circuit 20	20	5211			INT16					R				
Current Scale - Circuit 21	21	5212			INT16					R				
Current Scale - Circuit 22	22	5213			INT16					R				
Current Scale - Circuit 23	23	5214			INT16					R				
Current Scale - Circuit 24	24	5215			INT16					R				
Current Scale - Circuit 25	25	5216			INT16					R				
Current Scale - Circuit 26	26	5217			INT16					R				
Current Scale - Circuit 27	27	5218			INT16					R				
Current Scale - Circuit 28	28	5219			INT16					R				
Current Scale - Circuit 29	29	5220			INT16					R				
Current Scale - Circuit 30	30	5221			INT16					R				
Current Scale - Circuit 31	31	5222			INT16					R				
Current Scale - Circuit 32	32	5223			INT16					R				
Current Scale - Circuit 33	33	5224			INT16					R				
Current Scale - Circuit 34	34	5225			INT16					R				
Current Scale - Circuit 35	35	5226			INT16					R				
Current Scale - Circuit 36	36	5227			INT16					R				
Current Scale - Circuit 37	37	5228			INT16					R				
Current Scale - Circuit 38	38	5229			INT16					R				
Current Scale - Circuit 39	39	5230			INT16					R				
Current Scale - Circuit 40	40	5231			INT16					R				
Current Scale - Circuit 41	41	5232			INT16					R				
Current Scale - Circuit 42	42	5233			INT16					R				
Current Scale - Circuit 43	43	5234			INT16					R				
Current Scale - Circuit 44	44	5235			INT16					R				
Current Scale - Circuit 45	45	5236			INT16					R				
Current Scale - Circuit 46	46	5237			INT16					R				
Current Scale - Circuit 47	47	5238			INT16					R				
Current Scale - Circuit 48	48	5239			INT16					R				
Current Scale - Circuit 49	49	5240			INT16					R				
Current Scale - Circuit 50	50	5241			INT16					R				
Current Scale - Circuit 51	51	5242			INT16					R				
Current Scale - Circuit 52	52	5243			INT16					R				

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Current Scale - Circuit 53	53	5244			INT16					R				
Current Scale - Circuit 54	54	5245			INT16					R				
Current Scale - Circuit 55	55	5246			INT16					R				
Current Scale - Circuit 56	56	5247			INT16					R				
Current Scale - Circuit 57	57	5248			INT16					R				
Current Scale - Circuit 58	58	5249			INT16					R				
Current Scale - Circuit 59	59	5250			INT16					R				
Current Scale - Circuit 60	60	5251			INT16					R				
Current Scale - Circuit 61	61	5252			INT16					R				
Current Scale - Circuit 62	62	5253			INT16					R				
Current Scale - Circuit 63	63	5254			INT16					R				
Current Scale - Circuit 64	64	5255			INT16					R				
Current Scale - Circuit 65	65	5256			INT16					R				
Current Scale - Circuit 66	66	5257			INT16					R				
Current Scale - Circuit 67	67	5258			INT16					R				
Current Scale - Circuit 68	68	5259			INT16					R				
Current Scale - Circuit 69	69	5260			INT16					R				
Current Scale - Circuit 70	70	5261			INT16					R				
Current Scale - Circuit 71	71	5262			INT16					R				
Current Scale - Circuit 72	72	5263			INT16					R				
Current Scale - Circuit 73	73	5264			INT16					R				
Current Scale - Circuit 74	74	5265			INT16					R				
Current Scale - Circuit 75	75	5266			INT16					R				
Current Scale - Circuit 76	76	5267			INT16					R				
Current Scale - Circuit 77	77	5268			INT16					R				
Current Scale - Circuit 78	78	5269			INT16					R				
Current Scale - Circuit 79	79	5270			INT16					R				
Current Scale - Circuit 80	80	5271			INT16					R				
Current Scale - Circuit 81	81	5272			INT16					R				
Current Scale - Circuit 82	82	5273			INT16					R				
Current Scale - Circuit 83	83	5274			INT16					R				
Current Scale - Circuit 84	84	5275			INT16					R				
Current Scale - Circuit 85	85	5276			INT16					R				
Current Scale - Circuit 86	86	5277			INT16					R				
Current Scale - Circuit 87	87	5278			INT16					R				
Current Scale - Circuit 88	88	5279			INT16					R				
Current Scale - Circuit 89	89	5280			INT16					R				
Current Scale - Circuit 90	90	5281			INT16					R				
Current Scale - Circuit 91	91	5282			INT16					R				
Current Scale - Circuit 92	92	5283			INT16					R				
Current Scale - Circuit 93	93	5284			INT16					R				
Current Scale - Circuit 94	94	5285			INT16					R				
Current Scale - Circuit 95	95	5286			INT16					R				
Current Scale - Circuit 96	96	5287			INT16					R				
kWh		5288	5479	Energy	UINT32	10000	10191	Analog Input	17 - 112	R	NV	kWh		
kWh - Circuit 1	1	5288	5289	5000	UINT32	10000	10001	Analog Input	17	R	NV	kWh		
kWh - Circuit 2	2	5290	5291	5001	UINT32	10002	10003	Analog Input	18	R	NV	kWh		
kWh - Circuit 3	3	5292	5293	5002	UINT32	10004	10005	Analog Input	19	R	NV	kWh		
kWh - Circuit 4	4	5294	5295	5003	UINT32	10006	10007	Analog Input	20	R	NV	kWh		
kWh - Circuit 5	5	5296	5297	5004	UINT32	10008	10009	Analog Input	21	R	NV	kWh		
kWh - Circuit 6	6	5298	5299	5005	UINT32	10010	10011	Analog Input	22	R	NV	kWh		
kWh - Circuit 7	7	5300	5301	5006	UINT32	10012	10013	Analog Input	23	R	NV	kWh		
kWh - Circuit 8	8	5302	5303	5007	UINT32	10014	10015	Analog Input	24	R	NV	kWh		
kWh - Circuit 9	9	5304	5305	5008	UINT32	10016	10017	Analog Input	25	R	NV	kWh		
kWh - Circuit 10	10	5306	5307	5009	UINT32	10018	10019	Analog Input	26	R	NV	kWh		
kWh - Circuit 11	11	5308	5309	5010	UINT32	10020	10021	Analog Input	27	R	NV	kWh		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
kWh - Circuit 12	12	5310	5311	5011	UINT32	10022	10023	Analog Input	28	R	NV	kWh		
kWh - Circuit 13	13	5312	5313	5012	UINT32	10024	10025	Analog Input	29	R	NV	kWh		
kWh - Circuit 14	14	5314	5315	5013	UINT32	10026	10027	Analog Input	30	R	NV	kWh		
kWh - Circuit 15	15	5316	5317	5014	UINT32	10028	10029	Analog Input	31	R	NV	kWh		
kWh - Circuit 16	16	5318	5319	5015	UINT32	10030	10031	Analog Input	32	R	NV	kWh		
kWh - Circuit 17	17	5320	5321	5016	UINT32	10032	10033	Analog Input	33	R	NV	kWh		
kWh - Circuit 18	18	5322	5323	5017	UINT32	10034	10035	Analog Input	34	R	NV	kWh		
kWh - Circuit 19	19	5324	5325	5018	UINT32	10036	10037	Analog Input	35	R	NV	kWh		
kWh - Circuit 20	20	5326	5327	5019	UINT32	10038	10039	Analog Input	36	R	NV	kWh		
kWh - Circuit 21	21	5328	5329	5020	UINT32	10040	10041	Analog Input	37	R	NV	kWh		
kWh - Circuit 22	22	5330	5331	5021	UINT32	10042	10043	Analog Input	38	R	NV	kWh		
kWh - Circuit 23	23	5332	5333	5022	UINT32	10044	10045	Analog Input	39	R	NV	kWh		
kWh - Circuit 24	24	5334	5335	5023	UINT32	10046	10047	Analog Input	40	R	NV	kWh		
kWh - Circuit 25	25	5336	5337	5024	UINT32	10048	10049	Analog Input	41	R	NV	kWh		
kWh - Circuit 26	26	5338	5339	5025	UINT32	10050	10051	Analog Input	42	R	NV	kWh		
kWh - Circuit 27	27	5340	5341	5026	UINT32	10052	10053	Analog Input	43	R	NV	kWh		
kWh - Circuit 28	28	5342	5343	5027	UINT32	10054	10055	Analog Input	44	R	NV	kWh		
kWh - Circuit 29	29	5344	5345	5028	UINT32	10056	10057	Analog Input	45	R	NV	kWh		
kWh - Circuit 30	30	5346	5347	5029	UINT32	10058	10059	Analog Input	46	R	NV	kWh		
kWh - Circuit 31	31	5348	5349	5030	UINT32	10060	10061	Analog Input	47	R	NV	kWh		
kWh - Circuit 32	32	5350	5351	5031	UINT32	10062	10063	Analog Input	48	R	NV	kWh		
kWh - Circuit 33	33	5352	5353	5032	UINT32	10064	10065	Analog Input	49	R	NV	kWh		
kWh - Circuit 34	34	5354	5355	5033	UINT32	10066	10067	Analog Input	50	R	NV	kWh		
kWh - Circuit 35	35	5356	5357	5034	UINT32	10068	10069	Analog Input	51	R	NV	kWh		
kWh - Circuit 36	36	5358	5359	5035	UINT32	10070	10071	Analog Input	52	R	NV	kWh		
kWh - Circuit 37	37	5360	5361	5036	UINT32	10072	10073	Analog Input	53	R	NV	kWh		
kWh - Circuit 38	38	5362	5363	5037	UINT32	10074	10075	Analog Input	54	R	NV	kWh		
kWh - Circuit 39	39	5364	5365	5038	UINT32	10076	10077	Analog Input	55	R	NV	kWh		
kWh - Circuit 40	40	5366	5367	5039	UINT32	10078	10079	Analog Input	56	R	NV	kWh		
kWh - Circuit 41	41	5368	5369	5040	UINT32	10080	10081	Analog Input	57	R	NV	kWh		
kWh - Circuit 42	42	5370	5371	5041	UINT32	10082	10083	Analog Input	58	R	NV	kWh		
kWh - Circuit 43	43	5372	5373	5042	UINT32	10084	10085	Analog Input	59	R	NV	kWh		
kWh - Circuit 44	44	5374	5375	5043	UINT32	10086	10087	Analog Input	60	R	NV	kWh		
kWh - Circuit 45	45	5376	5377	5044	UINT32	10088	10089	Analog Input	61	R	NV	kWh		
kWh - Circuit 46	46	5378	5379	5045	UINT32	10090	10091	Analog Input	62	R	NV	kWh		
kWh - Circuit 47	47	5380	5381	5046	UINT32	10092	10093	Analog Input	63	R	NV	kWh		
kWh - Circuit 48	48	5382	5383	5047	UINT32	10094	10095	Analog Input	64	R	NV	kWh		
kWh - Circuit 49	49	5384	5385	5048	UINT32	10096	10097	Analog Input	65	R	NV	kWh		
kWh - Circuit 50	50	5386	5387	5049	UINT32	10098	10099	Analog Input	66	R	NV	kWh		
kWh - Circuit 51	51	5388	5389	5050	UINT32	10100	10101	Analog Input	67	R	NV	kWh		
kWh - Circuit 52	52	5390	5391	5051	UINT32	10102	10103	Analog Input	68	R	NV	kWh		
kWh - Circuit 53	53	5392	5393	5052	UINT32	10104	10105	Analog Input	69	R	NV	kWh		
kWh - Circuit 54	54	5394	5395	5053	UINT32	10106	10107	Analog Input	70	R	NV	kWh		
kWh - Circuit 55	55	5396	5397	5054	UINT32	10108	10109	Analog Input	71	R	NV	kWh		
kWh - Circuit 56	56	5398	5399	5055	UINT32	10110	10111	Analog Input	72	R	NV	kWh		
kWh - Circuit 57	57	5400	5401	5056	UINT32	10112	10113	Analog Input	73	R	NV	kWh		
kWh - Circuit 58	58	5402	5403	5057	UINT32	10114	10115	Analog Input	74	R	NV	kWh		
kWh - Circuit 59	59	5404	5405	5058	UINT32	10116	10117	Analog Input	75	R	NV	kWh		
kWh - Circuit 60	60	5406	5407	5059	UINT32	10118	10119	Analog Input	76	R	NV	kWh		
kWh - Circuit 61	61	5408	5409	5060	UINT32	10120	10121	Analog Input	77	R	NV	kWh		
kWh - Circuit 62	62	5410	5411	5061	UINT32	10122	10123	Analog Input	78	R	NV	kWh		
kWh - Circuit 63	63	5412	5413	5062	UINT32	10124	10125	Analog Input	79	R	NV	kWh		
kWh - Circuit 64	64	5414	5415	5063	UINT32	10126	10127	Analog Input	80	R	NV	kWh		
kWh - Circuit 65	65	5416	5417	5064	UINT32	10128	10129	Analog Input	81	R	NV	kWh		
kWh - Circuit 66	66	5418	5419	5065	UINT32	10130	10131	Analog Input	82	R	NV	kWh		
kWh - Circuit 67	67	5420	5421	5066	UINT32	10132	10133	Analog Input	83	R	NV	kWh		
kWh - Circuit 68	68	5422	5423	5067	UINT32	10134	10135	Analog Input	84	R	NV	kWh		
kWh - Circuit 69	69	5424	5425	5068	UINT32	10136	10137	Analog Input	85	R	NV	kWh		

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W/L	NV	Units	Range	Notes
kWh - Circuit 70	70	5426	5427	5069	UINT32	10138	10139	Analog Input	86	R	NV	kWh		
kWh - Circuit 71	71	5428	5429	5070	UINT32	10140	10141	Analog Input	87	R	NV	kWh		
kWh - Circuit 72	72	5430	5431	5071	UINT32	10142	10143	Analog Input	88	R	NV	kWh		
kWh - Circuit 73	73	5432	5433	5072	UINT32	10144	10145	Analog Input	89	R	NV	kWh		
kWh - Circuit 74	74	5434	5435	5073	UINT32	10146	10147	Analog Input	90	R	NV	kWh		
kWh - Circuit 75	75	5436	5437	5074	UINT32	10148	10149	Analog Input	91	R	NV	kWh		
kWh - Circuit 76	76	5438	5439	5075	UINT32	10150	10151	Analog Input	92	R	NV	kWh		
kWh - Circuit 77	77	5440	5441	5076	UINT32	10152	10153	Analog Input	93	R	NV	kWh		
kWh - Circuit 78	78	5442	5443	5077	UINT32	10154	10155	Analog Input	94	R	NV	kWh		
kWh - Circuit 79	79	5444	5445	5078	UINT32	10156	10157	Analog Input	95	R	NV	kWh		
kWh - Circuit 80	80	5446	5447	5079	UINT32	10158	10159	Analog Input	96	R	NV	kWh		
kWh - Circuit 81	81	5448	5449	5080	UINT32	10160	10161	Analog Input	97	R	NV	kWh		
kWh - Circuit 82	82	5450	5451	5081	UINT32	10162	10163	Analog Input	98	R	NV	kWh		
kWh - Circuit 83	83	5452	5453	5082	UINT32	10164	10165	Analog Input	99	R	NV	kWh		
kWh - Circuit 84	84	5454	5455	5083	UINT32	10166	10167	Analog Input	100	R	NV	kWh		
kWh - Circuit 85	85	5456	5457	5084	UINT32	10168	10169	Analog Input	101	R	NV	kWh		
kWh - Circuit 86	86	5458	5459	5085	UINT32	10170	10171	Analog Input	102	R	NV	kWh		
kWh - Circuit 87	87	5460	5461	5086	UINT32	10172	10173	Analog Input	103	R	NV	kWh		
kWh - Circuit 88	88	5462	5463	5087	UINT32	10174	10175	Analog Input	104	R	NV	kWh		
kWh - Circuit 89	89	5464	5465	5088	UINT32	10176	10177	Analog Input	105	R	NV	kWh		
kWh - Circuit 90	90	5466	5467	5089	UINT32	10178	10179	Analog Input	106	R	NV	kWh		
kWh - Circuit 91	91	5468	5469	5090	UINT32	10180	10181	Analog Input	107	R	NV	kWh		
kWh - Circuit 92	92	5470	5471	5091	UINT32	10182	10183	Analog Input	108	R	NV	kWh		
kWh - Circuit 93	93	5472	5473	5092	UINT32	10184	10185	Analog Input	109	R	NV	kWh		
kWh - Circuit 94	94	5474	5475	5093	UINT32	10186	10187	Analog Input	110	R	NV	kWh		
kWh - Circuit 95	95	5476	5477	5094	UINT32	10188	10189	Analog Input	111	R	NV	kWh		
kWh - Circuit 96	96	5478	5479	5095	UINT32	10190	10191	Analog Input	112	R	NV	kWh		
kVARh		5480	5671	Energy	UINT32	10192	10383	Analog Input	113 - 208	R	NV	kVARh		
kVARh - Circuit 1	1	5480	5481	5000	UINT32	10192	10193	Analog Input	113	R	NV	kVARh		
kVARh - Circuit 2	2	5482	5483	5001	UINT32	10194	10195	Analog Input	114	R	NV	kVARh		
kVARh - Circuit 3	3	5484	5485	5002	UINT32	10196	10197	Analog Input	115	R	NV	kVARh		
kVARh - Circuit 4	4	5486	5487	5003	UINT32	10198	10199	Analog Input	116	R	NV	kVARh		
kVARh - Circuit 5	5	5488	5489	5004	UINT32	10200	10201	Analog Input	117	R	NV	kVARh		
kVARh - Circuit 6	6	5490	5491	5005	UINT32	10202	10203	Analog Input	118	R	NV	kVARh		
kVARh - Circuit 7	7	5492	5493	5006	UINT32	10204	10205	Analog Input	119	R	NV	kVARh		
kVARh - Circuit 8	8	5494	5495	5007	UINT32	10206	10207	Analog Input	120	R	NV	kVARh		
kVARh - Circuit 9	9	5496	5497	5008	UINT32	10208	10209	Analog Input	121	R	NV	kVARh		
kVARh - Circuit 10	10	5498	5499	5009	UINT32	10210	10211	Analog Input	122	R	NV	kVARh		
kVARh - Circuit 11	11	5500	5501	5010	UINT32	10212	10213	Analog Input	123	R	NV	kVARh		
kVARh - Circuit 12	12	5502	5503	5011	UINT32	10214	10215	Analog Input	124	R	NV	kVARh		
kVARh - Circuit 13	13	5504	5505	5012	UINT32	10216	10217	Analog Input	125	R	NV	kVARh		
kVARh - Circuit 14	14	5506	5507	5013	UINT32	10218	10219	Analog Input	126	R	NV	kVARh		
kVARh - Circuit 15	15	5508	5509	5014	UINT32	10220	10221	Analog Input	127	R	NV	kVARh		
kVARh - Circuit 16	16	5510	5511	5015	UINT32	10222	10223	Analog Input	128	R	NV	kVARh		
kVARh - Circuit 17	17	5512	5513	5016	UINT32	10224	10225	Analog Input	129	R	NV	kVARh		
kVARh - Circuit 18	18	5514	5515	5017	UINT32	10226	10227	Analog Input	130	R	NV	kVARh		
kVARh - Circuit 19	19	5516	5517	5018	UINT32	10228	10229	Analog Input	131	R	NV	kVARh		
kVARh - Circuit 20	20	5518	5519	5019	UINT32	10230	10231	Analog Input	132	R	NV	kVARh		
kVARh - Circuit 21	21	5520	5521	5020	UINT32	10232	10233	Analog Input	133	R	NV	kVARh		
kVARh - Circuit 22	22	5522	5523	5021	UINT32	10234	10235	Analog Input	134	R	NV	kVARh		
kVARh - Circuit 23	23	5524	5525	5022	UINT32	10236	10237	Analog Input	135	R	NV	kVARh		
kVARh - Circuit 24	24	5526	5527	5023	UINT32	10238	10239	Analog Input	136	R	NV	kVARh		
kVARh - Circuit 25	25	5528	5529	5024	UINT32	10240	10241	Analog Input	137	R	NV	kVARh		
kVARh - Circuit 26	26	5530	5531	5025	UINT32	10242	10243	Analog Input	138	R	NV	kVARh		
kVARh - Circuit 27	27	5532	5533	5026	UINT32	10244	10245	Analog Input	139	R	NV	kVARh		
kVARh - Circuit 28	28	5534	5535	5027	UINT32	10246	10247	Analog Input	140	R	NV	kVARh		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
kVARh - Circuit 29	29	5536	5537	5028	UINT32	10248	10249	Analog Input	141	R	NV	kVARh		
kVARh - Circuit 30	30	5538	5539	5029	UINT32	10250	10251	Analog Input	142	R	NV	kVARh		
kVARh - Circuit 31	31	5540	5541	5030	UINT32	10252	10253	Analog Input	143	R	NV	kVARh		
kVARh - Circuit 32	32	5542	5543	5031	UINT32	10254	10255	Analog Input	144	R	NV	kVARh		
kVARh - Circuit 33	33	5544	5545	5032	UINT32	10256	10257	Analog Input	145	R	NV	kVARh		
kVARh - Circuit 34	34	5546	5547	5033	UINT32	10258	10259	Analog Input	146	R	NV	kVARh		
kVARh - Circuit 35	35	5548	5549	5034	UINT32	10260	10261	Analog Input	147	R	NV	kVARh		
kVARh - Circuit 36	36	5550	5551	5035	UINT32	10262	10263	Analog Input	148	R	NV	kVARh		
kVARh - Circuit 37	37	5552	5553	5036	UINT32	10264	10265	Analog Input	149	R	NV	kVARh		
kVARh - Circuit 38	38	5554	5555	5037	UINT32	10266	10267	Analog Input	150	R	NV	kVARh		
kVARh - Circuit 39	39	5556	5557	5038	UINT32	10268	10269	Analog Input	151	R	NV	kVARh		
kVARh - Circuit 40	40	5558	5559	5039	UINT32	10270	10271	Analog Input	152	R	NV	kVARh		
kVARh - Circuit 41	41	5560	5561	5040	UINT32	10272	10273	Analog Input	153	R	NV	kVARh		
kVARh - Circuit 42	42	5562	5563	5041	UINT32	10274	10275	Analog Input	154	R	NV	kVARh		
kVARh - Circuit 43	43	5564	5565	5042	UINT32	10276	10277	Analog Input	155	R	NV	kVARh		
kVARh - Circuit 44	44	5566	5567	5043	UINT32	10278	10279	Analog Input	156	R	NV	kVARh		
kVARh - Circuit 45	45	5568	5569	5044	UINT32	10280	10281	Analog Input	157	R	NV	kVARh		
kVARh - Circuit 46	46	5570	5571	5045	UINT32	10282	10283	Analog Input	158	R	NV	kVARh		
kVARh - Circuit 47	47	5572	5573	5046	UINT32	10284	10285	Analog Input	159	R	NV	kVARh		
kVARh - Circuit 48	48	5574	5575	5047	UINT32	10286	10287	Analog Input	160	R	NV	kVARh		
kVARh - Circuit 49	49	5576	5577	5048	UINT32	10288	10289	Analog Input	161	R	NV	kVARh		
kVARh - Circuit 50	50	5578	5579	5049	UINT32	10290	10291	Analog Input	162	R	NV	kVARh		
kVARh - Circuit 51	51	5580	5581	5050	UINT32	10292	10293	Analog Input	163	R	NV	kVARh		
kVARh - Circuit 52	52	5582	5583	5051	UINT32	10294	10295	Analog Input	164	R	NV	kVARh		
kVARh - Circuit 53	53	5584	5585	5052	UINT32	10296	10297	Analog Input	165	R	NV	kVARh		
kVARh - Circuit 54	54	5586	5587	5053	UINT32	10298	10299	Analog Input	166	R	NV	kVARh		
kVARh - Circuit 55	55	5588	5589	5054	UINT32	10300	10301	Analog Input	167	R	NV	kVARh		
kVARh - Circuit 56	56	5590	5591	5055	UINT32	10302	10303	Analog Input	168	R	NV	kVARh		
kVARh - Circuit 57	57	5592	5593	5056	UINT32	10304	10305	Analog Input	169	R	NV	kVARh		
kVARh - Circuit 58	58	5594	5595	5057	UINT32	10306	10307	Analog Input	170	R	NV	kVARh		
kVARh - Circuit 59	59	5596	5597	5058	UINT32	10308	10309	Analog Input	171	R	NV	kVARh		
kVARh - Circuit 60	60	5598	5599	5059	UINT32	10310	10311	Analog Input	172	R	NV	kVARh		
kVARh - Circuit 61	61	5600	5601	5060	UINT32	10312	10313	Analog Input	173	R	NV	kVARh		
kVARh - Circuit 62	62	5602	5603	5061	UINT32	10314	10315	Analog Input	174	R	NV	kVARh		
kVARh - Circuit 63	63	5604	5605	5062	UINT32	10316	10317	Analog Input	175	R	NV	kVARh		
kVARh - Circuit 64	64	5606	5607	5063	UINT32	10318	10319	Analog Input	176	R	NV	kVARh		
kVARh - Circuit 65	65	5608	5609	5064	UINT32	10320	10321	Analog Input	177	R	NV	kVARh		
kVARh - Circuit 66	66	5610	5611	5065	UINT32	10322	10323	Analog Input	178	R	NV	kVARh		
kVARh - Circuit 67	67	5612	5613	5066	UINT32	10324	10325	Analog Input	179	R	NV	kVARh		
kVARh - Circuit 68	68	5614	5615	5067	UINT32	10326	10327	Analog Input	180	R	NV	kVARh		
kVARh - Circuit 69	69	5616	5617	5068	UINT32	10328	10329	Analog Input	181	R	NV	kVARh		
kVARh - Circuit 70	70	5618	5619	5069	UINT32	10330	10331	Analog Input	182	R	NV	kVARh		
kVARh - Circuit 71	71	5620	5621	5070	UINT32	10332	10333	Analog Input	183	R	NV	kVARh		
kVARh - Circuit 72	72	5622	5623	5071	UINT32	10334	10335	Analog Input	184	R	NV	kVARh		
kVARh - Circuit 73	73	5624	5625	5072	UINT32	10336	10337	Analog Input	185	R	NV	kVARh		
kVARh - Circuit 74	74	5626	5627	5073	UINT32	10338	10339	Analog Input	186	R	NV	kVARh		
kVARh - Circuit 75	75	5628	5629	5074	UINT32	10340	10341	Analog Input	187	R	NV	kVARh		
kVARh - Circuit 76	76	5630	5631	5075	UINT32	10342	10343	Analog Input	188	R	NV	kVARh		
kVARh - Circuit 77	77	5632	5633	5076	UINT32	10344	10345	Analog Input	189	R	NV	kVARh		
kVARh - Circuit 78	78	5634	5635	5077	UINT32	10346	10347	Analog Input	190	R	NV	kVARh		
kVARh - Circuit 79	79	5636	5637	5078	UINT32	10348	10349	Analog Input	191	R	NV	kVARh		
kVARh - Circuit 80	80	5638	5639	5079	UINT32	10350	10351	Analog Input	192	R	NV	kVARh		
kVARh - Circuit 81	81	5640	5641	5080	UINT32	10352	10353	Analog Input	193	R	NV	kVARh		
kVARh - Circuit 82	82	5642	5643	5081	UINT32	10354	10355	Analog Input	194	R	NV	kVARh		
kVARh - Circuit 83	83	5644	5645	5082	UINT32	10356	10357	Analog Input	195	R	NV	kVARh		
kVARh - Circuit 84	84	5646	5647	5083	UINT32	10358	10359	Analog Input	196	R	NV	kVARh		
kVARh - Circuit 85	85	5648	5649	5084	UINT32	10360	10361	Analog Input	197	R	NV	kVARh		
kVARh - Circuit 86	86	5650	5651	5085	UINT32	10362	10363	Analog Input	198	R	NV	kVARh		

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W/L	NV	Units	Range	Notes
kVARh - Circuit 87	87	5652	5653	5086	UINT32	10364	10365	Analog Input	199	R	NV	kVARh		
kVARh - Circuit 88	88	5654	5655	5087	UINT32	10366	10367	Analog Input	200	R	NV	kVARh		
kVARh - Circuit 89	89	5656	5657	5088	UINT32	10368	10369	Analog Input	201	R	NV	kVARh		
kVARh - Circuit 90	90	5658	5659	5089	UINT32	10370	10371	Analog Input	202	R	NV	kVARh		
kVARh - Circuit 91	91	5660	5661	5090	UINT32	10372	10373	Analog Input	203	R	NV	kVARh		
kVARh - Circuit 92	92	5662	5663	5091	UINT32	10374	10375	Analog Input	204	R	NV	kVARh		
kVARh - Circuit 93	93	5664	5665	5092	UINT32	10376	10377	Analog Input	205	R	NV	kVARh		
kVARh - Circuit 94	94	5666	5667	5093	UINT32	10378	10379	Analog Input	206	R	NV	kVARh		
kVARh - Circuit 95	95	5668	5669	5094	UINT32	10380	10381	Analog Input	207	R	NV	kVARh		
kVARh - Circuit 96	96	5670	5671	5095	UINT32	10382	10383	Analog Input	208	R	NV	kVARh		
kVAh		5672	5863	Energy	UINT32	10384	10575	Analog Input	209 - 304	R	NV	kVAh		
kVAh - Circuit 1	1	5672	5673	5000	UINT32	10384	10385	Analog Input	209	R	NV	kVAh		
kVAh - Circuit 2	2	5674	5675	5001	UINT32	10386	10387	Analog Input	210	R	NV	kVAh		
kVAh - Circuit 3	3	5676	5677	5002	UINT32	10388	10389	Analog Input	211	R	NV	kVAh		
kVAh - Circuit 4	4	5678	5679	5003	UINT32	10390	10391	Analog Input	212	R	NV	kVAh		
kVAh - Circuit 5	5	5680	5681	5004	UINT32	10392	10393	Analog Input	213	R	NV	kVAh		
kVAh - Circuit 6	6	5682	5683	5005	UINT32	10394	10395	Analog Input	214	R	NV	kVAh		
kVAh - Circuit 7	7	5684	5685	5006	UINT32	10396	10397	Analog Input	215	R	NV	kVAh		
kVAh - Circuit 8	8	5686	5687	5007	UINT32	10398	10399	Analog Input	216	R	NV	kVAh		
kVAh - Circuit 9	9	5688	5689	5008	UINT32	10400	10401	Analog Input	217	R	NV	kVAh		
kVAh - Circuit 10	10	5690	5691	5009	UINT32	10402	10403	Analog Input	218	R	NV	kVAh		
kVAh - Circuit 11	11	5692	5693	5010	UINT32	10404	10405	Analog Input	219	R	NV	kVAh		
kVAh - Circuit 12	12	5694	5695	5011	UINT32	10406	10407	Analog Input	220	R	NV	kVAh		
kVAh - Circuit 13	13	5696	5697	5012	UINT32	10408	10409	Analog Input	221	R	NV	kVAh		
kVAh - Circuit 14	14	5698	5699	5013	UINT32	10410	10411	Analog Input	222	R	NV	kVAh		
kVAh - Circuit 15	15	5700	5701	5014	UINT32	10412	10413	Analog Input	223	R	NV	kVAh		
kVAh - Circuit 16	16	5702	5703	5015	UINT32	10414	10415	Analog Input	224	R	NV	kVAh		
kVAh - Circuit 17	17	5704	5705	5016	UINT32	10416	10417	Analog Input	225	R	NV	kVAh		
kVAh - Circuit 18	18	5706	5707	5017	UINT32	10418	10419	Analog Input	226	R	NV	kVAh		
kVAh - Circuit 19	19	5708	5709	5018	UINT32	10420	10421	Analog Input	227	R	NV	kVAh		
kVAh - Circuit 20	20	5710	5711	5019	UINT32	10422	10423	Analog Input	228	R	NV	kVAh		
kVAh - Circuit 21	21	5712	5713	5020	UINT32	10424	10425	Analog Input	229	R	NV	kVAh		
kVAh - Circuit 22	22	5714	5715	5021	UINT32	10426	10427	Analog Input	230	R	NV	kVAh		
kVAh - Circuit 23	23	5716	5717	5022	UINT32	10428	10429	Analog Input	231	R	NV	kVAh		
kVAh - Circuit 24	24	5718	5719	5023	UINT32	10430	10431	Analog Input	232	R	NV	kVAh		
kVAh - Circuit 25	25	5720	5721	5024	UINT32	10432	10433	Analog Input	233	R	NV	kVAh		
kVAh - Circuit 26	26	5722	5723	5025	UINT32	10434	10435	Analog Input	234	R	NV	kVAh		
kVAh - Circuit 27	27	5724	5725	5026	UINT32	10436	10437	Analog Input	235	R	NV	kVAh		
kVAh - Circuit 28	28	5726	5727	5027	UINT32	10438	10439	Analog Input	236	R	NV	kVAh		
kVAh - Circuit 29	29	5728	5729	5028	UINT32	10440	10441	Analog Input	237	R	NV	kVAh		
kVAh - Circuit 30	30	5730	5731	5029	UINT32	10442	10443	Analog Input	238	R	NV	kVAh		
kVAh - Circuit 31	31	5732	5733	5030	UINT32	10444	10445	Analog Input	239	R	NV	kVAh		
kVAh - Circuit 32	32	5734	5735	5031	UINT32	10446	10447	Analog Input	240	R	NV	kVAh		
kVAh - Circuit 33	33	5736	5737	5032	UINT32	10448	10449	Analog Input	241	R	NV	kVAh		
kVAh - Circuit 34	34	5738	5739	5033	UINT32	10450	10451	Analog Input	242	R	NV	kVAh		
kVAh - Circuit 35	35	5740	5741	5034	UINT32	10452	10453	Analog Input	243	R	NV	kVAh		
kVAh - Circuit 36	36	5742	5743	5035	UINT32	10454	10455	Analog Input	244	R	NV	kVAh		
kVAh - Circuit 37	37	5744	5745	5036	UINT32	10456	10457	Analog Input	245	R	NV	kVAh		
kVAh - Circuit 38	38	5746	5747	5037	UINT32	10458	10459	Analog Input	246	R	NV	kVAh		
kVAh - Circuit 39	39	5748	5749	5038	UINT32	10460	10461	Analog Input	247	R	NV	kVAh		
kVAh - Circuit 40	40	5750	5751	5039	UINT32	10462	10463	Analog Input	248	R	NV	kVAh		
kVAh - Circuit 41	41	5752	5753	5040	UINT32	10464	10465	Analog Input	249	R	NV	kVAh		
kVAh - Circuit 42	42	5754	5755	5041	UINT32	10466	10467	Analog Input	250	R	NV	kVAh		
kVAh - Circuit 43	43	5756	5757	5042	UINT32	10468	10469	Analog Input	251	R	NV	kVAh		
kVAh - Circuit 44	44	5758	5759	5043	UINT32	10470	10471	Analog Input	252	R	NV	kVAh		
kVAh - Circuit 45	45	5760	5761	5044	UINT32	10472	10473	Analog Input	253	R	NV	kVAh		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
kVAh - Circuit 46	46	5762	5763	5045	UINT32	10474	10475	Analog Input	254	R	NV	kVAh		
kVAh - Circuit 47	47	5764	5765	5046	UINT32	10476	10477	Analog Input	255	R	NV	kVAh		
kVAh - Circuit 48	48	5766	5767	5047	UINT32	10478	10479	Analog Input	256	R	NV	kVAh		
kVAh - Circuit 49	49	5768	5769	5048	UINT32	10480	10481	Analog Input	257	R	NV	kVAh		
kVAh - Circuit 50	50	5770	5771	5049	UINT32	10482	10483	Analog Input	258	R	NV	kVAh		
kVAh - Circuit 51	51	5772	5773	5050	UINT32	10484	10485	Analog Input	259	R	NV	kVAh		
kVAh - Circuit 52	52	5774	5775	5051	UINT32	10486	10487	Analog Input	260	R	NV	kVAh		
kVAh - Circuit 53	53	5776	5777	5052	UINT32	10488	10489	Analog Input	261	R	NV	kVAh		
kVAh - Circuit 54	54	5778	5779	5053	UINT32	10490	10491	Analog Input	262	R	NV	kVAh		
kVAh - Circuit 55	55	5780	5781	5054	UINT32	10492	10493	Analog Input	263	R	NV	kVAh		
kVAh - Circuit 56	56	5782	5783	5055	UINT32	10494	10495	Analog Input	264	R	NV	kVAh		
kVAh - Circuit 57	57	5784	5785	5056	UINT32	10496	10497	Analog Input	265	R	NV	kVAh		
kVAh - Circuit 58	58	5786	5787	5057	UINT32	10498	10499	Analog Input	266	R	NV	kVAh		
kVAh - Circuit 59	59	5788	5789	5058	UINT32	10500	10501	Analog Input	267	R	NV	kVAh		
kVAh - Circuit 60	60	5790	5791	5059	UINT32	10502	10503	Analog Input	268	R	NV	kVAh		
kVAh - Circuit 61	61	5792	5793	5060	UINT32	10504	10505	Analog Input	269	R	NV	kVAh		
kVAh - Circuit 62	62	5794	5795	5061	UINT32	10506	10507	Analog Input	270	R	NV	kVAh		
kVAh - Circuit 63	63	5796	5797	5062	UINT32	10508	10509	Analog Input	271	R	NV	kVAh		
kVAh - Circuit 64	64	5798	5799	5063	UINT32	10510	10511	Analog Input	272	R	NV	kVAh		
kVAh - Circuit 65	65	5800	5801	5064	UINT32	10512	10513	Analog Input	273	R	NV	kVAh		
kVAh - Circuit 66	66	5802	5803	5065	UINT32	10514	10515	Analog Input	274	R	NV	kVAh		
kVAh - Circuit 67	67	5804	5805	5066	UINT32	10516	10517	Analog Input	275	R	NV	kVAh		
kVAh - Circuit 68	68	5806	5807	5067	UINT32	10518	10519	Analog Input	276	R	NV	kVAh		
kVAh - Circuit 69	69	5808	5809	5068	UINT32	10520	10521	Analog Input	277	R	NV	kVAh		
kVAh - Circuit 70	70	5810	5811	5069	UINT32	10522	10523	Analog Input	278	R	NV	kVAh		
kVAh - Circuit 71	71	5812	5813	5070	UINT32	10524	10525	Analog Input	279	R	NV	kVAh		
kVAh - Circuit 72	72	5814	5815	5071	UINT32	10526	10527	Analog Input	280	R	NV	kVAh		
kVAh - Circuit 73	73	5816	5817	5072	UINT32	10528	10529	Analog Input	281	R	NV	kVAh		
kVAh - Circuit 74	74	5818	5819	5073	UINT32	10530	10531	Analog Input	282	R	NV	kVAh		
kVAh - Circuit 75	75	5820	5821	5074	UINT32	10532	10533	Analog Input	283	R	NV	kVAh		
kVAh - Circuit 76	76	5822	5823	5075	UINT32	10534	10535	Analog Input	284	R	NV	kVAh		
kVAh - Circuit 77	77	5824	5825	5076	UINT32	10536	10537	Analog Input	285	R	NV	kVAh		
kVAh - Circuit 78	78	5826	5827	5077	UINT32	10538	10539	Analog Input	286	R	NV	kVAh		
kVAh - Circuit 79	79	5828	5829	5078	UINT32	10540	10541	Analog Input	287	R	NV	kVAh		
kVAh - Circuit 80	80	5830	5831	5079	UINT32	10542	10543	Analog Input	288	R	NV	kVAh		
kVAh - Circuit 81	81	5832	5833	5080	UINT32	10544	10545	Analog Input	289	R	NV	kVAh		
kVAh - Circuit 82	82	5834	5835	5081	UINT32	10546	10547	Analog Input	290	R	NV	kVAh		
kVAh - Circuit 83	83	5836	5837	5082	UINT32	10548	10549	Analog Input	291	R	NV	kVAh		
kVAh - Circuit 84	84	5838	5839	5083	UINT32	10550	10551	Analog Input	292	R	NV	kVAh		
kVAh - Circuit 85	85	5840	5841	5084	UINT32	10552	10553	Analog Input	293	R	NV	kVAh		
kVAh - Circuit 86	86	5842	5843	5085	UINT32	10554	10555	Analog Input	294	R	NV	kVAh		
kVAh - Circuit 87	87	5844	5845	5086	UINT32	10556	10557	Analog Input	295	R	NV	kVAh		
kVAh - Circuit 88	88	5846	5847	5087	UINT32	10558	10559	Analog Input	296	R	NV	kVAh		
kVAh - Circuit 89	89	5848	5849	5088	UINT32	10560	10561	Analog Input	297	R	NV	kVAh		
kVAh - Circuit 90	90	5850	5851	5089	UINT32	10562	10563	Analog Input	298	R	NV	kVAh		
kVAh - Circuit 91	91	5852	5853	5090	UINT32	10564	10565	Analog Input	299	R	NV	kVAh		
kVAh - Circuit 92	92	5854	5855	5091	UINT32	10566	10567	Analog Input	300	R	NV	kVAh		
kVAh - Circuit 93	93	5856	5857	5092	UINT32	10568	10569	Analog Input	301	R	NV	kVAh		
kVAh - Circuit 94	94	5858	5859	5093	UINT32	10570	10571	Analog Input	302	R	NV	kVAh		
kVAh - Circuit 95	95	5860	5861	5094	UINT32	10572	10573	Analog Input	303	R	NV	kVAh		
kVAh - Circuit 96	96	5862	5863	5095	UINT32	10574	10575	Analog Input	304	R	NV	kVAh		
kW		5864	5959	Power	UINT16	10576	10767	Analog Input	305 - 400	R		kW		
kW - Circuit 1	1	5864		5096	UINT16	10576	10577	Analog Input	305	R		kW		
kW - Circuit 2	2	5865		5097	UINT16	10578	10579	Analog Input	306	R		kW		
kW - Circuit 3	3	5866		5098	UINT16	10580	10581	Analog Input	307	R		kW		
kW - Circuit 4	4	5867		5099	UINT16	10582	10583	Analog Input	308	R		kW		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
kW - Circuit 5	5	5868		5100	UINT16	10584	10585	Analog Input	309	R		kW		
kW - Circuit 6	6	5869		5101	UINT16	10586	10587	Analog Input	310	R		kW		
kW - Circuit 7	7	5870		5102	UINT16	10588	10589	Analog Input	311	R		kW		
kW - Circuit 8	8	5871		5103	UINT16	10590	10591	Analog Input	312	R		kW		
kW - Circuit 9	9	5872		5104	UINT16	10592	10593	Analog Input	313	R		kW		
kW - Circuit 10	10	5873		5105	UINT16	10594	10595	Analog Input	314	R		kW		
kW - Circuit 11	11	5874		5106	UINT16	10596	10597	Analog Input	315	R		kW		
kW - Circuit 12	12	5875		5107	UINT16	10598	10599	Analog Input	316	R		kW		
kW - Circuit 13	13	5876		5108	UINT16	10600	10601	Analog Input	317	R		kW		
kW - Circuit 14	14	5877		5109	UINT16	10602	10603	Analog Input	318	R		kW		
kW - Circuit 15	15	5878		5110	UINT16	10604	10605	Analog Input	319	R		kW		
kW - Circuit 16	16	5879		5111	UINT16	10606	10607	Analog Input	320	R		kW		
kW - Circuit 17	17	5880		5112	UINT16	10608	10609	Analog Input	321	R		kW		
kW - Circuit 18	18	5881		5113	UINT16	10610	10611	Analog Input	322	R		kW		
kW - Circuit 19	19	5882		5114	UINT16	10612	10613	Analog Input	323	R		kW		
kW - Circuit 20	20	5883		5115	UINT16	10614	10615	Analog Input	324	R		kW		
kW - Circuit 21	21	5884		5116	UINT16	10616	10617	Analog Input	325	R		kW		
kW - Circuit 22	22	5885		5117	UINT16	10618	10619	Analog Input	326	R		kW		
kW - Circuit 23	23	5886		5118	UINT16	10620	10621	Analog Input	327	R		kW		
kW - Circuit 24	24	5887		5119	UINT16	10622	10623	Analog Input	328	R		kW		
kW - Circuit 25	25	5888		5120	UINT16	10624	10625	Analog Input	329	R		kW		
kW - Circuit 26	26	5889		5121	UINT16	10626	10627	Analog Input	330	R		kW		
kW - Circuit 27	27	5890		5122	UINT16	10628	10629	Analog Input	331	R		kW		
kW - Circuit 28	28	5891		5123	UINT16	10630	10631	Analog Input	332	R		kW		
kW - Circuit 29	29	5892		5124	UINT16	10632	10633	Analog Input	333	R		kW		
kW - Circuit 30	30	5893		5125	UINT16	10634	10635	Analog Input	334	R		kW		
kW - Circuit 31	31	5894		5126	UINT16	10636	10637	Analog Input	335	R		kW		
kW - Circuit 32	32	5895		5127	UINT16	10638	10639	Analog Input	336	R		kW		
kW - Circuit 33	33	5896		5128	UINT16	10640	10641	Analog Input	337	R		kW		
kW - Circuit 34	34	5897		5129	UINT16	10642	10643	Analog Input	338	R		kW		
kW - Circuit 35	35	5898		5130	UINT16	10644	10645	Analog Input	339	R		kW		
kW - Circuit 36	36	5899		5131	UINT16	10646	10647	Analog Input	340	R		kW		
kW - Circuit 37	37	5900		5132	UINT16	10648	10649	Analog Input	341	R		kW		
kW - Circuit 38	38	5901		5133	UINT16	10650	10651	Analog Input	342	R		kW		
kW - Circuit 39	39	5902		5134	UINT16	10652	10653	Analog Input	343	R		kW		
kW - Circuit 40	40	5903		5135	UINT16	10654	10655	Analog Input	344	R		kW		
kW - Circuit 41	41	5904		5136	UINT16	10656	10657	Analog Input	345	R		kW		
kW - Circuit 42	42	5905		5137	UINT16	10658	10659	Analog Input	346	R		kW		
kW - Circuit 43	43	5906		5138	UINT16	10660	10661	Analog Input	347	R		kW		
kW - Circuit 44	44	5907		5139	UINT16	10662	10663	Analog Input	348	R		kW		
kW - Circuit 45	45	5908		5140	UINT16	10664	10665	Analog Input	349	R		kW		
kW - Circuit 46	46	5909		5141	UINT16	10666	10667	Analog Input	350	R		kW		
kW - Circuit 47	47	5910		5142	UINT16	10668	10669	Analog Input	351	R		kW		
kW - Circuit 48	48	5911		5143	UINT16	10670	10671	Analog Input	352	R		kW		
kW - Circuit 49	49	5912		5144	UINT16	10672	10673	Analog Input	353	R		kW		
kW - Circuit 50	50	5913		5145	UINT16	10674	10675	Analog Input	354	R		kW		
kW - Circuit 51	51	5914		5146	UINT16	10676	10677	Analog Input	355	R		kW		
kW - Circuit 52	52	5915		5147	UINT16	10678	10679	Analog Input	356	R		kW		
kW - Circuit 53	53	5916		5148	UINT16	10680	10681	Analog Input	357	R		kW		
kW - Circuit 54	54	5917		5149	UINT16	10682	10683	Analog Input	358	R		kW		
kW - Circuit 55	55	5918		5150	UINT16	10684	10685	Analog Input	359	R		kW		
kW - Circuit 56	56	5919		5151	UINT16	10686	10687	Analog Input	360	R		kW		
kW - Circuit 57	57	5920		5152	UINT16	10688	10689	Analog Input	361	R		kW		
kW - Circuit 58	58	5921		5153	UINT16	10690	10691	Analog Input	362	R		kW		
kW - Circuit 59	59	5922		5154	UINT16	10692	10693	Analog Input	363	R		kW		
kW - Circuit 60	60	5923		5155	UINT16	10694	10695	Analog Input	364	R		kW		
kW - Circuit 61	61	5924		5156	UINT16	10696	10697	Analog Input	365	R		kW		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
kW - Circuit 62	62	5925		5157	UINT16	10698	10699	Analog Input	366	R		kW		
kW - Circuit 63	63	5926		5158	UINT16	10700	10701	Analog Input	367	R		kW		
kW - Circuit 64	64	5927		5159	UINT16	10702	10703	Analog Input	368	R		kW		
kW - Circuit 65	65	5928		5160	UINT16	10704	10705	Analog Input	369	R		kW		
kW - Circuit 66	66	5929		5161	UINT16	10706	10707	Analog Input	370	R		kW		
kW - Circuit 67	67	5930		5162	UINT16	10708	10709	Analog Input	371	R		kW		
kW - Circuit 68	68	5931		5163	UINT16	10710	10711	Analog Input	372	R		kW		
kW - Circuit 69	69	5932		5164	UINT16	10712	10713	Analog Input	373	R		kW		
kW - Circuit 70	70	5933		5165	UINT16	10714	10715	Analog Input	374	R		kW		
kW - Circuit 71	71	5934		5166	UINT16	10716	10717	Analog Input	375	R		kW		
kW - Circuit 72	72	5935		5167	UINT16	10718	10719	Analog Input	376	R		kW		
kW - Circuit 73	73	5936		5168	UINT16	10720	10721	Analog Input	377	R		kW		
kW - Circuit 74	74	5937		5169	UINT16	10722	10723	Analog Input	378	R		kW		
kW - Circuit 75	75	5938		5170	UINT16	10724	10725	Analog Input	379	R		kW		
kW - Circuit 76	76	5939		5171	UINT16	10726	10727	Analog Input	380	R		kW		
kW - Circuit 77	77	5940		5172	UINT16	10728	10729	Analog Input	381	R		kW		
kW - Circuit 78	78	5941		5173	UINT16	10730	10731	Analog Input	382	R		kW		
kW - Circuit 79	79	5942		5174	UINT16	10732	10733	Analog Input	383	R		kW		
kW - Circuit 80	80	5943		5175	UINT16	10734	10735	Analog Input	384	R		kW		
kW - Circuit 81	81	5944		5176	UINT16	10736	10737	Analog Input	385	R		kW		
kW - Circuit 82	82	5945		5177	UINT16	10738	10739	Analog Input	386	R		kW		
kW - Circuit 83	83	5946		5178	UINT16	10740	10741	Analog Input	387	R		kW		
kW - Circuit 84	84	5947		5179	UINT16	10742	10743	Analog Input	388	R		kW		
kW - Circuit 85	85	5948		5180	UINT16	10744	10745	Analog Input	389	R		kW		
kW - Circuit 86	86	5949		5181	UINT16	10746	10747	Analog Input	390	R		kW		
kW - Circuit 87	87	5950		5182	UINT16	10748	10749	Analog Input	391	R		kW		
kW - Circuit 88	88	5951		5183	UINT16	10750	10751	Analog Input	392	R		kW		
kW - Circuit 89	89	5952		5184	UINT16	10752	10753	Analog Input	393	R		kW		
kW - Circuit 90	90	5953		5185	UINT16	10754	10755	Analog Input	394	R		kW		
kW - Circuit 91	91	5954		5186	UINT16	10756	10757	Analog Input	395	R		kW		
kW - Circuit 92	92	5955		5187	UINT16	10758	10759	Analog Input	396	R		kW		
kW - Circuit 93	93	5956		5188	UINT16	10760	10761	Analog Input	397	R		kW		
kW - Circuit 94	94	5957		5189	UINT16	10762	10763	Analog Input	398	R		kW		
kW - Circuit 95	95	5958		5190	UINT16	10764	10765	Analog Input	399	R		kW		
kW - Circuit 96	96	5959		5191	UINT16	10766	10767	Analog Input	400	R		kW		
kVAR		5960	6055	Power	UINT16	10768	10959	Analog Input	401 - 496	R		kVAR		
kVAR - Circuit 1	1	5960		5096	UINT16	10768	10769	Analog Input	401	R		kVAR		
kVAR - Circuit 2	2	5961		5097	UINT16	10770	10771	Analog Input	402	R		kVAR		
kVAR - Circuit 3	3	5962		5098	UINT16	10772	10773	Analog Input	403	R		kVAR		
kVAR - Circuit 4	4	5963		5099	UINT16	10774	10775	Analog Input	404	R		kVAR		
kVAR - Circuit 5	5	5964		5100	UINT16	10776	10777	Analog Input	405	R		kVAR		
kVAR - Circuit 6	6	5965		5101	UINT16	10778	10779	Analog Input	406	R		kVAR		
kVAR - Circuit 7	7	5966		5102	UINT16	10780	10781	Analog Input	407	R		kVAR		
kVAR - Circuit 8	8	5967		5103	UINT16	10782	10783	Analog Input	408	R		kVAR		
kVAR - Circuit 9	9	5968		5104	UINT16	10784	10785	Analog Input	409	R		kVAR		
kVAR - Circuit 10	10	5969		5105	UINT16	10786	10787	Analog Input	410	R		kVAR		
kVAR - Circuit 11	11	5970		5106	UINT16	10788	10789	Analog Input	411	R		kVAR		
kVAR - Circuit 12	12	5971		5107	UINT16	10790	10791	Analog Input	412	R		kVAR		
kVAR - Circuit 13	13	5972		5108	UINT16	10792	10793	Analog Input	413	R		kVAR		
kVAR - Circuit 14	14	5973		5109	UINT16	10794	10795	Analog Input	414	R		kVAR		
kVAR - Circuit 15	15	5974		5110	UINT16	10796	10797	Analog Input	415	R		kVAR		
kVAR - Circuit 16	16	5975		5111	UINT16	10798	10799	Analog Input	416	R		kVAR		
kVAR - Circuit 17	17	5976		5112	UINT16	10800	10801	Analog Input	417	R		kVAR		
kVAR - Circuit 18	18	5977		5113	UINT16	10802	10803	Analog Input	418	R		kVAR		
kVAR - Circuit 19	19	5978		5114	UINT16	10804	10805	Analog Input	419	R		kVAR		
kVAR - Circuit 20	20	5979		5115	UINT16	10806	10807	Analog Input	420	R		kVAR		

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W/L	NV	Units	Range	Notes
kVAR - Circuit 21	21	5980		5116	UINT16	10808	10809	Analog Input	421	R		kVAR		
kVAR - Circuit 22	22	5981		5117	UINT16	10810	10811	Analog Input	422	R		kVAR		
kVAR - Circuit 23	23	5982		5118	UINT16	10812	10813	Analog Input	423	R		kVAR		
kVAR - Circuit 24	24	5983		5119	UINT16	10814	10815	Analog Input	424	R		kVAR		
kVAR - Circuit 25	25	5984		5120	UINT16	10816	10817	Analog Input	425	R		kVAR		
kVAR - Circuit 26	26	5985		5121	UINT16	10818	10819	Analog Input	426	R		kVAR		
kVAR - Circuit 27	27	5986		5122	UINT16	10820	10821	Analog Input	427	R		kVAR		
kVAR - Circuit 28	28	5987		5123	UINT16	10822	10823	Analog Input	428	R		kVAR		
kVAR - Circuit 29	29	5988		5124	UINT16	10824	10825	Analog Input	429	R		kVAR		
kVAR - Circuit 30	30	5989		5125	UINT16	10826	10827	Analog Input	430	R		kVAR		
kVAR - Circuit 31	31	5990		5126	UINT16	10828	10829	Analog Input	431	R		kVAR		
kVAR - Circuit 32	32	5991		5127	UINT16	10830	10831	Analog Input	432	R		kVAR		
kVAR - Circuit 33	33	5992		5128	UINT16	10832	10833	Analog Input	433	R		kVAR		
kVAR - Circuit 34	34	5993		5129	UINT16	10834	10835	Analog Input	434	R		kVAR		
kVAR - Circuit 35	35	5994		5130	UINT16	10836	10837	Analog Input	435	R		kVAR		
kVAR - Circuit 36	36	5995		5131	UINT16	10838	10839	Analog Input	436	R		kVAR		
kVAR - Circuit 37	37	5996		5132	UINT16	10840	10841	Analog Input	437	R		kVAR		
kVAR - Circuit 38	38	5997		5133	UINT16	10842	10843	Analog Input	438	R		kVAR		
kVAR - Circuit 39	39	5998		5134	UINT16	10844	10845	Analog Input	439	R		kVAR		
kVAR - Circuit 40	40	5999		5135	UINT16	10846	10847	Analog Input	440	R		kVAR		
kVAR - Circuit 41	41	6000		5136	UINT16	10848	10849	Analog Input	441	R		kVAR		
kVAR - Circuit 42	42	6001		5137	UINT16	10850	10851	Analog Input	442	R		kVAR		
kVAR - Circuit 43	43	6002		5138	UINT16	10852	10853	Analog Input	443	R		kVAR		
kVAR - Circuit 44	44	6003		5139	UINT16	10854	10855	Analog Input	444	R		kVAR		
kVAR - Circuit 45	45	6004		5140	UINT16	10856	10857	Analog Input	445	R		kVAR		
kVAR - Circuit 46	46	6005		5141	UINT16	10858	10859	Analog Input	446	R		kVAR		
kVAR - Circuit 47	47	6006		5142	UINT16	10860	10861	Analog Input	447	R		kVAR		
kVAR - Circuit 48	48	6007		5143	UINT16	10862	10863	Analog Input	448	R		kVAR		
kVAR - Circuit 49	49	6008		5144	UINT16	10864	10865	Analog Input	449	R		kVAR		
kVAR - Circuit 50	50	6009		5145	UINT16	10866	10867	Analog Input	450	R		kVAR		
kVAR - Circuit 51	51	6010		5146	UINT16	10868	10869	Analog Input	451	R		kVAR		
kVAR - Circuit 52	52	6011		5147	UINT16	10870	10871	Analog Input	452	R		kVAR		
kVAR - Circuit 53	53	6012		5148	UINT16	10872	10873	Analog Input	453	R		kVAR		
kVAR - Circuit 54	54	6013		5149	UINT16	10874	10875	Analog Input	454	R		kVAR		
kVAR - Circuit 55	55	6014		5150	UINT16	10876	10877	Analog Input	455	R		kVAR		
kVAR - Circuit 56	56	6015		5151	UINT16	10878	10879	Analog Input	456	R		kVAR		
kVAR - Circuit 57	57	6016		5152	UINT16	10880	10881	Analog Input	457	R		kVAR		
kVAR - Circuit 58	58	6017		5153	UINT16	10882	10883	Analog Input	458	R		kVAR		
kVAR - Circuit 59	59	6018		5154	UINT16	10884	10885	Analog Input	459	R		kVAR		
kVAR - Circuit 60	60	6019		5155	UINT16	10886	10887	Analog Input	460	R		kVAR		
kVAR - Circuit 61	61	6020		5156	UINT16	10888	10889	Analog Input	461	R		kVAR		
kVAR - Circuit 62	62	6021		5157	UINT16	10890	10891	Analog Input	462	R		kVAR		
kVAR - Circuit 63	63	6022		5158	UINT16	10892	10893	Analog Input	463	R		kVAR		
kVAR - Circuit 64	64	6023		5159	UINT16	10894	10895	Analog Input	464	R		kVAR		
kVAR - Circuit 65	65	6024		5160	UINT16	10896	10897	Analog Input	465	R		kVAR		
kVAR - Circuit 66	66	6025		5161	UINT16	10898	10899	Analog Input	466	R		kVAR		
kVAR - Circuit 67	67	6026		5162	UINT16	10900	10901	Analog Input	467	R		kVAR		
kVAR - Circuit 68	68	6027		5163	UINT16	10902	10903	Analog Input	468	R		kVAR		
kVAR - Circuit 69	69	6028		5164	UINT16	10904	10905	Analog Input	469	R		kVAR		
kVAR - Circuit 70	70	6029		5165	UINT16	10906	10907	Analog Input	470	R		kVAR		
kVAR - Circuit 71	71	6030		5166	UINT16	10908	10909	Analog Input	471	R		kVAR		
kVAR - Circuit 72	72	6031		5167	UINT16	10910	10911	Analog Input	472	R		kVAR		
kVAR - Circuit 73	73	6032		5168	UINT16	10912	10913	Analog Input	473	R		kVAR		
kVAR - Circuit 74	74	6033		5169	UINT16	10914	10915	Analog Input	474	R		kVAR		
kVAR - Circuit 75	75	6034		5170	UINT16	10916	10917	Analog Input	475	R		kVAR		
kVAR - Circuit 76	76	6035		5171	UINT16	10918	10919	Analog Input	476	R		kVAR		
kVAR - Circuit 77	77	6036		5172	UINT16	10920	10921	Analog Input	477	R		kVAR		
kVAR - Circuit 78	78	6037		5173	UINT16	10922	10923	Analog Input	478	R		kVAR		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
kVAR - Circuit 79	79	6038		5174	UINT16	10924	10925	Analog Input	479	R		kVAR		
kVAR - Circuit 80	80	6039		5175	UINT16	10926	10927	Analog Input	480	R		kVAR		
kVAR - Circuit 81	81	6040		5176	UINT16	10928	10929	Analog Input	481	R		kVAR		
kVAR - Circuit 82	82	6041		5177	UINT16	10930	10931	Analog Input	482	R		kVAR		
kVAR - Circuit 83	83	6042		5178	UINT16	10932	10933	Analog Input	483	R		kVAR		
kVAR - Circuit 84	84	6043		5179	UINT16	10934	10935	Analog Input	484	R		kVAR		
kVAR - Circuit 85	85	6044		5180	UINT16	10936	10937	Analog Input	485	R		kVAR		
kVAR - Circuit 86	86	6045		5181	UINT16	10938	10939	Analog Input	486	R		kVAR		
kVAR - Circuit 87	87	6046		5182	UINT16	10940	10941	Analog Input	487	R		kVAR		
kVAR - Circuit 88	88	6047		5183	UINT16	10942	10943	Analog Input	488	R		kVAR		
kVAR - Circuit 89	89	6048		5184	UINT16	10944	10945	Analog Input	489	R		kVAR		
kVAR - Circuit 90	90	6049		5185	UINT16	10946	10947	Analog Input	490	R		kVAR		
kVAR - Circuit 91	91	6050		5186	UINT16	10948	10949	Analog Input	491	R		kVAR		
kVAR - Circuit 92	92	6051		5187	UINT16	10950	10951	Analog Input	492	R		kVAR		
kVAR - Circuit 93	93	6052		5188	UINT16	10952	10953	Analog Input	493	R		kVAR		
kVAR - Circuit 94	94	6053		5189	UINT16	10954	10955	Analog Input	494	R		kVAR		
kVAR - Circuit 95	95	6054		5190	UINT16	10956	10957	Analog Input	495	R		kVAR		
kVAR - Circuit 96	96	6055		5191	UINT16	10958	10959	Analog Input	496	R		kVAR		
kVA		6056	6151	Power	UINT16	10960	11151	Analog Input	497 - 592	R		kVA		
kVA - Circuit 1	1	6056		5096	UINT16	10960	10961	Analog Input	497	R		kVA		
kVA - Circuit 2	2	6057		5097	UINT16	10962	10963	Analog Input	498	R		kVA		
kVA - Circuit 3	3	6058		5098	UINT16	10964	10965	Analog Input	499	R		kVA		
kVA - Circuit 4	4	6059		5099	UINT16	10966	10967	Analog Input	500	R		kVA		
kVA - Circuit 5	5	6060		5100	UINT16	10968	10969	Analog Input	501	R		kVA		
kVA - Circuit 6	6	6061		5101	UINT16	10970	10971	Analog Input	502	R		kVA		
kVA - Circuit 7	7	6062		5102	UINT16	10972	10973	Analog Input	503	R		kVA		
kVA - Circuit 8	8	6063		5103	UINT16	10974	10975	Analog Input	504	R		kVA		
kVA - Circuit 9	9	6064		5104	UINT16	10976	10977	Analog Input	505	R		kVA		
kVA - Circuit 10	10	6065		5105	UINT16	10978	10979	Analog Input	506	R		kVA		
kVA - Circuit 11	11	6066		5106	UINT16	10980	10981	Analog Input	507	R		kVA		
kVA - Circuit 12	12	6067		5107	UINT16	10982	10983	Analog Input	508	R		kVA		
kVA - Circuit 13	13	6068		5108	UINT16	10984	10985	Analog Input	509	R		kVA		
kVA - Circuit 14	14	6069		5109	UINT16	10986	10987	Analog Input	510	R		kVA		
kVA - Circuit 15	15	6070		5110	UINT16	10988	10989	Analog Input	511	R		kVA		
kVA - Circuit 16	16	6071		5111	UINT16	10990	10991	Analog Input	512	R		kVA		
kVA - Circuit 17	17	6072		5112	UINT16	10992	10993	Analog Input	513	R		kVA		
kVA - Circuit 18	18	6073		5113	UINT16	10994	10995	Analog Input	514	R		kVA		
kVA - Circuit 19	19	6074		5114	UINT16	10996	10997	Analog Input	515	R		kVA		
kVA - Circuit 20	20	6075		5115	UINT16	10998	10999	Analog Input	516	R		kVA		
kVA - Circuit 21	21	6076		5116	UINT16	11000	11001	Analog Input	517	R		kVA		
kVA - Circuit 22	22	6077		5117	UINT16	11002	11003	Analog Input	518	R		kVA		
kVA - Circuit 23	23	6078		5118	UINT16	11004	11005	Analog Input	519	R		kVA		
kVA - Circuit 24	24	6079		5119	UINT16	11006	11007	Analog Input	520	R		kVA		
kVA - Circuit 25	25	6080		5120	UINT16	11008	11009	Analog Input	521	R		kVA		
kVA - Circuit 26	26	6081		5121	UINT16	11010	11011	Analog Input	522	R		kVA		
kVA - Circuit 27	27	6082		5122	UINT16	11012	11013	Analog Input	523	R		kVA		
kVA - Circuit 28	28	6083		5123	UINT16	11014	11015	Analog Input	524	R		kVA		
kVA - Circuit 29	29	6084		5124	UINT16	11016	11017	Analog Input	525	R		kVA		
kVA - Circuit 30	30	6085		5125	UINT16	11018	11019	Analog Input	526	R		kVA		
kVA - Circuit 31	31	6086		5126	UINT16	11020	11021	Analog Input	527	R		kVA		
kVA - Circuit 32	32	6087		5127	UINT16	11022	11023	Analog Input	528	R		kVA		
kVA - Circuit 33	33	6088		5128	UINT16	11024	11025	Analog Input	529	R		kVA		
kVA - Circuit 34	34	6089		5129	UINT16	11026	11027	Analog Input	530	R		kVA		
kVA - Circuit 35	35	6090		5130	UINT16	11028	11029	Analog Input	531	R		kVA		
kVA - Circuit 36	36	6091		5131	UINT16	11030	11031	Analog Input	532	R		kVA		
kVA - Circuit 37	37	6092		5132	UINT16	11032	11033	Analog Input	533	R		kVA		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
kVA - Circuit 38	38	6093		5133	UINT16	11034	11035	Analog Input	534	R		kVA		
kVA - Circuit 39	39	6094		5134	UINT16	11036	11037	Analog Input	535	R		kVA		
kVA - Circuit 40	40	6095		5135	UINT16	11038	11039	Analog Input	536	R		kVA		
kVA - Circuit 41	41	6096		5136	UINT16	11040	11041	Analog Input	537	R		kVA		
kVA - Circuit 42	42	6097		5137	UINT16	11042	11043	Analog Input	538	R		kVA		
kVA - Circuit 43	43	6098		5138	UINT16	11044	11045	Analog Input	539	R		kVA		
kVA - Circuit 44	44	6099		5139	UINT16	11046	11047	Analog Input	540	R		kVA		
kVA - Circuit 45	45	6100		5140	UINT16	11048	11049	Analog Input	541	R		kVA		
kVA - Circuit 46	46	6101		5141	UINT16	11050	11051	Analog Input	542	R		kVA		
kVA - Circuit 47	47	6102		5142	UINT16	11052	11053	Analog Input	543	R		kVA		
kVA - Circuit 48	48	6103		5143	UINT16	11054	11055	Analog Input	544	R		kVA		
kVA - Circuit 49	49	6104		5144	UINT16	11056	11057	Analog Input	545	R		kVA		
kVA - Circuit 50	50	6105		5145	UINT16	11058	11059	Analog Input	546	R		kVA		
kVA - Circuit 51	51	6106		5146	UINT16	11060	11061	Analog Input	547	R		kVA		
kVA - Circuit 52	52	6107		5147	UINT16	11062	11063	Analog Input	548	R		kVA		
kVA - Circuit 53	53	6108		5148	UINT16	11064	11065	Analog Input	549	R		kVA		
kVA - Circuit 54	54	6109		5149	UINT16	11066	11067	Analog Input	550	R		kVA		
kVA - Circuit 55	55	6110		5150	UINT16	11068	11069	Analog Input	551	R		kVA		
kVA - Circuit 56	56	6111		5151	UINT16	11070	11071	Analog Input	552	R		kVA		
kVA - Circuit 57	57	6112		5152	UINT16	11072	11073	Analog Input	553	R		kVA		
kVA - Circuit 58	58	6113		5153	UINT16	11074	11075	Analog Input	554	R		kVA		
kVA - Circuit 59	59	6114		5154	UINT16	11076	11077	Analog Input	555	R		kVA		
kVA - Circuit 60	60	6115		5155	UINT16	11078	11079	Analog Input	556	R		kVA		
kVA - Circuit 61	61	6116		5156	UINT16	11080	11081	Analog Input	557	R		kVA		
kVA - Circuit 62	62	6117		5157	UINT16	11082	11083	Analog Input	558	R		kVA		
kVA - Circuit 63	63	6118		5158	UINT16	11084	11085	Analog Input	559	R		kVA		
kVA - Circuit 64	64	6119		5159	UINT16	11086	11087	Analog Input	560	R		kVA		
kVA - Circuit 65	65	6120		5160	UINT16	11088	11089	Analog Input	561	R		kVA		
kVA - Circuit 66	66	6121		5161	UINT16	11090	11091	Analog Input	562	R		kVA		
kVA - Circuit 67	67	6122		5162	UINT16	11092	11093	Analog Input	563	R		kVA		
kVA - Circuit 68	68	6123		5163	UINT16	11094	11095	Analog Input	564	R		kVA		
kVA - Circuit 69	69	6124		5164	UINT16	11096	11097	Analog Input	565	R		kVA		
kVA - Circuit 70	70	6125		5165	UINT16	11098	11099	Analog Input	566	R		kVA		
kVA - Circuit 71	71	6126		5166	UINT16	11100	11101	Analog Input	567	R		kVA		
kVA - Circuit 72	72	6127		5167	UINT16	11102	11103	Analog Input	568	R		kVA		
kVA - Circuit 73	73	6128		5168	UINT16	11104	11105	Analog Input	569	R		kVA		
kVA - Circuit 74	74	6129		5169	UINT16	11106	11107	Analog Input	570	R		kVA		
kVA - Circuit 75	75	6130		5170	UINT16	11108	11109	Analog Input	571	R		kVA		
kVA - Circuit 76	76	6131		5171	UINT16	11110	11111	Analog Input	572	R		kVA		
kVA - Circuit 77	77	6132		5172	UINT16	11112	11113	Analog Input	573	R		kVA		
kVA - Circuit 78	78	6133		5173	UINT16	11114	11115	Analog Input	574	R		kVA		
kVA - Circuit 79	79	6134		5174	UINT16	11116	11117	Analog Input	575	R		kVA		
kVA - Circuit 80	80	6135		5175	UINT16	11118	11119	Analog Input	576	R		kVA		
kVA - Circuit 81	81	6136		5176	UINT16	11120	11121	Analog Input	577	R		kVA		
kVA - Circuit 82	82	6137		5177	UINT16	11122	11123	Analog Input	578	R		kVA		
kVA - Circuit 83	83	6138		5178	UINT16	11124	11125	Analog Input	579	R		kVA		
kVA - Circuit 84	84	6139		5179	UINT16	11126	11127	Analog Input	580	R		kVA		
kVA - Circuit 85	85	6140		5180	UINT16	11128	11129	Analog Input	581	R		kVA		
kVA - Circuit 86	86	6141		5181	UINT16	11130	11131	Analog Input	582	R		kVA		
kVA - Circuit 87	87	6142		5182	UINT16	11132	11133	Analog Input	583	R		kVA		
kVA - Circuit 88	88	6143		5183	UINT16	11134	11135	Analog Input	584	R		kVA		
kVA - Circuit 89	89	6144		5184	UINT16	11136	11137	Analog Input	585	R		kVA		
kVA - Circuit 90	90	6145		5185	UINT16	11138	11139	Analog Input	586	R		kVA		
kVA - Circuit 91	91	6146		5186	UINT16	11140	11141	Analog Input	587	R		kVA		
kVA - Circuit 92	92	6147		5187	UINT16	11142	11143	Analog Input	588	R		kVA		
kVA - Circuit 93	93	6148		5188	UINT16	11144	11145	Analog Input	589	R		kVA		
kVA - Circuit 94	94	6149		5189	UINT16	11146	11147	Analog Input	590	R		kVA		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
kVA - Circuit 95	95	6150		5190	UINT16	11148	11149	Analog Input	591	R		kVA		
kVA - Circuit 96	96	6151		5191	UINT16	11150	11151	Analog Input	592	R		kVA		
Current		6152	6247	Current	UINT16	11152	11343	Analog Input	593 - 688	R		Amps		
Current - Circuit 1	1	6152		5192	UINT16	11152	11153	Analog Input	593	R		Amps		
Current - Circuit 2	2	6153		5193	UINT16	11154	11155	Analog Input	594	R		Amps		
Current - Circuit 3	3	6154		5194	UINT16	11156	11157	Analog Input	595	R		Amps		
Current - Circuit 4	4	6155		5195	UINT16	11158	11159	Analog Input	596	R		Amps		
Current - Circuit 5	5	6156		5196	UINT16	11160	11161	Analog Input	597	R		Amps		
Current - Circuit 6	6	6157		5197	UINT16	11162	11163	Analog Input	598	R		Amps		
Current - Circuit 7	7	6158		5198	UINT16	11164	11165	Analog Input	599	R		Amps		
Current - Circuit 8	8	6159		5199	UINT16	11166	11167	Analog Input	600	R		Amps		
Current - Circuit 9	9	6160		5200	UINT16	11168	11169	Analog Input	601	R		Amps		
Current - Circuit 10	10	6161		5201	UINT16	11170	11171	Analog Input	602	R		Amps		
Current - Circuit 11	11	6162		5202	UINT16	11172	11173	Analog Input	603	R		Amps		
Current - Circuit 12	12	6163		5203	UINT16	11174	11175	Analog Input	604	R		Amps		
Current - Circuit 13	13	6164		5204	UINT16	11176	11177	Analog Input	605	R		Amps		
Current - Circuit 14	14	6165		5205	UINT16	11178	11179	Analog Input	606	R		Amps		
Current - Circuit 15	15	6166		5206	UINT16	11180	11181	Analog Input	607	R		Amps		
Current - Circuit 16	16	6167		5207	UINT16	11182	11183	Analog Input	608	R		Amps		
Current - Circuit 17	17	6168		5208	UINT16	11184	11185	Analog Input	609	R		Amps		
Current - Circuit 18	18	6169		5209	UINT16	11186	11187	Analog Input	610	R		Amps		
Current - Circuit 19	19	6170		5210	UINT16	11188	11189	Analog Input	611	R		Amps		
Current - Circuit 20	20	6171		5211	UINT16	11190	11191	Analog Input	612	R		Amps		
Current - Circuit 21	21	6172		5212	UINT16	11192	11193	Analog Input	613	R		Amps		
Current - Circuit 22	22	6173		5213	UINT16	11194	11195	Analog Input	614	R		Amps		
Current - Circuit 23	23	6174		5214	UINT16	11196	11197	Analog Input	615	R		Amps		
Current - Circuit 24	24	6175		5215	UINT16	11198	11199	Analog Input	616	R		Amps		
Current - Circuit 25	25	6176		5216	UINT16	11200	11201	Analog Input	617	R		Amps		
Current - Circuit 26	26	6177		5217	UINT16	11202	11203	Analog Input	618	R		Amps		
Current - Circuit 27	27	6178		5218	UINT16	11204	11205	Analog Input	619	R		Amps		
Current - Circuit 28	28	6179		5219	UINT16	11206	11207	Analog Input	620	R		Amps		
Current - Circuit 29	29	6180		5220	UINT16	11208	11209	Analog Input	621	R		Amps		
Current - Circuit 30	30	6181		5221	UINT16	11210	11211	Analog Input	622	R		Amps		
Current - Circuit 31	31	6182		5222	UINT16	11212	11213	Analog Input	623	R		Amps		
Current - Circuit 32	32	6183		5223	UINT16	11214	11215	Analog Input	624	R		Amps		
Current - Circuit 33	33	6184		5224	UINT16	11216	11217	Analog Input	625	R		Amps		
Current - Circuit 34	34	6185		5225	UINT16	11218	11219	Analog Input	626	R		Amps		
Current - Circuit 35	35	6186		5226	UINT16	11220	11221	Analog Input	627	R		Amps		
Current - Circuit 36	36	6187		5227	UINT16	11222	11223	Analog Input	628	R		Amps		
Current - Circuit 37	37	6188		5228	UINT16	11224	11225	Analog Input	629	R		Amps		
Current - Circuit 38	38	6189		5229	UINT16	11226	11227	Analog Input	630	R		Amps		
Current - Circuit 39	39	6190		5230	UINT16	11228	11229	Analog Input	631	R		Amps		
Current - Circuit 40	40	6191		5231	UINT16	11230	11231	Analog Input	632	R		Amps		
Current - Circuit 41	41	6192		5232	UINT16	11232	11233	Analog Input	633	R		Amps		
Current - Circuit 42	42	6193		5233	UINT16	11234	11235	Analog Input	634	R		Amps		
Current - Circuit 43	43	6194		5234	UINT16	11236	11237	Analog Input	635	R		Amps		
Current - Circuit 44	44	6195		5235	UINT16	11238	11239	Analog Input	636	R		Amps		
Current - Circuit 45	45	6196		5236	UINT16	11240	11241	Analog Input	637	R		Amps		
Current - Circuit 46	46	6197		5237	UINT16	11242	11243	Analog Input	638	R		Amps		
Current - Circuit 47	47	6198		5238	UINT16	11244	11245	Analog Input	639	R		Amps		
Current - Circuit 48	48	6199		5239	UINT16	11246	11247	Analog Input	640	R		Amps		
Current - Circuit 49	49	6200		5240	UINT16	11248	11249	Analog Input	641	R		Amps		
Current - Circuit 50	50	6201		5241	UINT16	11250	11251	Analog Input	642	R		Amps		
Current - Circuit 51	51	6202		5242	UINT16	11252	11253	Analog Input	643	R		Amps		
Current - Circuit 52	52	6203		5243	UINT16	11254	11255	Analog Input	644	R		Amps		
Current - Circuit 53	53	6204		5244	UINT16	11256	11257	Analog Input	645	R		Amps		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Current - Circuit 54	54	6205		5245	UINT16	11258	11259	Analog Input	646	R		Amps		
Current - Circuit 55	55	6206		5246	UINT16	11260	11261	Analog Input	647	R		Amps		
Current - Circuit 56	56	6207		5247	UINT16	11262	11263	Analog Input	648	R		Amps		
Current - Circuit 57	57	6208		5248	UINT16	11264	11265	Analog Input	649	R		Amps		
Current - Circuit 58	58	6209		5249	UINT16	11266	11267	Analog Input	650	R		Amps		
Current - Circuit 59	59	6210		5250	UINT16	11268	11269	Analog Input	651	R		Amps		
Current - Circuit 60	60	6211		5251	UINT16	11270	11271	Analog Input	652	R		Amps		
Current - Circuit 61	61	6212		5252	UINT16	11272	11273	Analog Input	653	R		Amps		
Current - Circuit 62	62	6213		5253	UINT16	11274	11275	Analog Input	654	R		Amps		
Current - Circuit 63	63	6214		5254	UINT16	11276	11277	Analog Input	655	R		Amps		
Current - Circuit 64	64	6215		5255	UINT16	11278	11279	Analog Input	656	R		Amps		
Current - Circuit 65	65	6216		5256	UINT16	11280	11281	Analog Input	657	R		Amps		
Current - Circuit 66	66	6217		5257	UINT16	11282	11283	Analog Input	658	R		Amps		
Current - Circuit 67	67	6218		5258	UINT16	11284	11285	Analog Input	659	R		Amps		
Current - Circuit 68	68	6219		5259	UINT16	11286	11287	Analog Input	660	R		Amps		
Current - Circuit 69	69	6220		5260	UINT16	11288	11289	Analog Input	661	R		Amps		
Current - Circuit 70	70	6221		5261	UINT16	11290	11291	Analog Input	662	R		Amps		
Current - Circuit 71	71	6222		5262	UINT16	11292	11293	Analog Input	663	R		Amps		
Current - Circuit 72	72	6223		5263	UINT16	11294	11295	Analog Input	664	R		Amps		
Current - Circuit 73	73	6224		5264	UINT16	11296	11297	Analog Input	665	R		Amps		
Current - Circuit 74	74	6225		5265	UINT16	11298	11299	Analog Input	666	R		Amps		
Current - Circuit 75	75	6226		5266	UINT16	11300	11301	Analog Input	667	R		Amps		
Current - Circuit 76	76	6227		5267	UINT16	11302	11303	Analog Input	668	R		Amps		
Current - Circuit 77	77	6228		5268	UINT16	11304	11305	Analog Input	669	R		Amps		
Current - Circuit 78	78	6229		5269	UINT16	11306	11307	Analog Input	670	R		Amps		
Current - Circuit 79	79	6230		5270	UINT16	11308	11309	Analog Input	671	R		Amps		
Current - Circuit 80	80	6231		5271	UINT16	11310	11311	Analog Input	672	R		Amps		
Current - Circuit 81	81	6232		5272	UINT16	11312	11313	Analog Input	673	R		Amps		
Current - Circuit 82	82	6233		5273	UINT16	11314	11315	Analog Input	674	R		Amps		
Current - Circuit 83	83	6234		5274	UINT16	11316	11317	Analog Input	675	R		Amps		
Current - Circuit 84	84	6235		5275	UINT16	11318	11319	Analog Input	676	R		Amps		
Current - Circuit 85	85	6236		5276	UINT16	11320	11321	Analog Input	677	R		Amps		
Current - Circuit 86	86	6237		5277	UINT16	11322	11323	Analog Input	678	R		Amps		
Current - Circuit 87	87	6238		5278	UINT16	11324	11325	Analog Input	679	R		Amps		
Current - Circuit 88	88	6239		5279	UINT16	11326	11327	Analog Input	680	R		Amps		
Current - Circuit 89	89	6240		5280	UINT16	11328	11329	Analog Input	681	R		Amps		
Current - Circuit 90	90	6241		5281	UINT16	11330	11331	Analog Input	682	R		Amps		
Current - Circuit 91	91	6242		5282	UINT16	11332	11333	Analog Input	683	R		Amps		
Current - Circuit 92	92	6243		5283	UINT16	11334	11335	Analog Input	684	R		Amps		
Current - Circuit 93	93	6244		5284	UINT16	11336	11337	Analog Input	685	R		Amps		
Current - Circuit 94	94	6245		5285	UINT16	11338	11339	Analog Input	686	R		Amps		
Current - Circuit 95	95	6246		5286	UINT16	11340	11341	Analog Input	687	R		Amps		
Current - Circuit 96	96	6247		5287	UINT16	11342	11343	Analog Input	688	R		Amps		
Power Factor		6248	6343	-3	INT16	11344	11535	Analog Input	689 - 784	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 1	1	6248		-3	INT16	11344	11345	Analog Input	689	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 2	2	6249		-3	INT16	11346	11347	Analog Input	690	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 3	3	6250		-3	INT16	11348	11349	Analog Input	691	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 4	4	6251		-3	INT16	11350	11351	Analog Input	692	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 5	5	6252		-3	INT16	11352	11353	Analog Input	693	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 6	6	6253		-3	INT16	11354	11355	Analog Input	694	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 7	7	6254		-3	INT16	11356	11357	Analog Input	695	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 8	8	6255		-3	INT16	11358	11359	Analog Input	696	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 9	9	6256		-3	INT16	11360	11361	Analog Input	697	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 10	10	6257		-3	INT16	11362	11363	Analog Input	698	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 11	11	6258		-3	INT16	11364	11365	Analog Input	699	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 12	12	6259		-3	INT16	11366	11367	Analog Input	700	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Power Factor - Circuit 13	13	6260		-3	INT16	11368	11369	Analog Input	701	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 14	14	6261		-3	INT16	11370	11371	Analog Input	702	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 15	15	6262		-3	INT16	11372	11373	Analog Input	703	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 16	16	6263		-3	INT16	11374	11375	Analog Input	704	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 17	17	6264		-3	INT16	11376	11377	Analog Input	705	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 18	18	6265		-3	INT16	11378	11379	Analog Input	706	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 19	19	6266		-3	INT16	11380	11381	Analog Input	707	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 20	20	6267		-3	INT16	11382	11383	Analog Input	708	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 21	21	6268		-3	INT16	11384	11385	Analog Input	709	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 22	22	6269		-3	INT16	11386	11387	Analog Input	710	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 23	23	6270		-3	INT16	11388	11389	Analog Input	711	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 24	24	6271		-3	INT16	11390	11391	Analog Input	712	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 25	25	6272		-3	INT16	11392	11393	Analog Input	713	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 26	26	6273		-3	INT16	11394	11395	Analog Input	714	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 27	27	6274		-3	INT16	11396	11397	Analog Input	715	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 28	28	6275		-3	INT16	11398	11399	Analog Input	716	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 29	29	6276		-3	INT16	11400	11401	Analog Input	717	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 30	30	6277		-3	INT16	11402	11403	Analog Input	718	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 31	31	6278		-3	INT16	11404	11405	Analog Input	719	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 32	32	6279		-3	INT16	11406	11407	Analog Input	720	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 33	33	6280		-3	INT16	11408	11409	Analog Input	721	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 34	34	6281		-3	INT16	11410	11411	Analog Input	722	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 35	35	6282		-3	INT16	11412	11413	Analog Input	723	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 36	36	6283		-3	INT16	11414	11415	Analog Input	724	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 37	37	6284		-3	INT16	11416	11417	Analog Input	725	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 38	38	6285		-3	INT16	11418	11419	Analog Input	726	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 39	39	6286		-3	INT16	11420	11421	Analog Input	727	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 40	40	6287		-3	INT16	11422	11423	Analog Input	728	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 41	41	6288		-3	INT16	11424	11425	Analog Input	729	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 42	42	6289		-3	INT16	11426	11427	Analog Input	730	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 43	43	6290		-3	INT16	11428	11429	Analog Input	731	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 44	44	6291		-3	INT16	11430	11431	Analog Input	732	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 45	45	6292		-3	INT16	11432	11433	Analog Input	733	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 46	46	6293		-3	INT16	11434	11435	Analog Input	734	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 47	47	6294		-3	INT16	11436	11437	Analog Input	735	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 48	48	6295		-3	INT16	11438	11439	Analog Input	736	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 49	49	6296		-3	INT16	11440	11441	Analog Input	737	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 50	50	6297		-3	INT16	11442	11443	Analog Input	738	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 51	51	6298		-3	INT16	11444	11445	Analog Input	739	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 52	52	6299		-3	INT16	11446	11447	Analog Input	740	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 53	53	6300		-3	INT16	11448	11449	Analog Input	741	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 54	54	6301		-3	INT16	11450	11451	Analog Input	742	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 55	55	6302		-3	INT16	11452	11453	Analog Input	743	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 56	56	6303		-3	INT16	11454	11455	Analog Input	744	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 57	57	6304		-3	INT16	11456	11457	Analog Input	745	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 58	58	6305		-3	INT16	11458	11459	Analog Input	746	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 59	59	6306		-3	INT16	11460	11461	Analog Input	747	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 60	60	6307		-3	INT16	11462	11463	Analog Input	748	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 61	61	6308		-3	INT16	11464	11465	Analog Input	749	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 62	62	6309		-3	INT16	11466	11467	Analog Input	750	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 63	63	6310		-3	INT16	11468	11469	Analog Input	751	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 64	64	6311		-3	INT16	11470	11471	Analog Input	752	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 65	65	6312		-3	INT16	11472	11473	Analog Input	753	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 66	66	6313		-3	INT16	11474	11475	Analog Input	754	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 67	67	6314		-3	INT16	11476	11477	Analog Input	755	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 68	68	6315		-3	INT16	11478	11479	Analog Input	756	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)
Power Factor - Circuit 69	69	6316		-3	INT16	11480	11481	Analog Input	757	R			-1.0 - 1.0	Positive for Leading (Capacitive), Negative for Lagging (Inductive)

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Power Factor - Circuit 70	70	6317		-3	INT16	11482	11483	Analog Input	758	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 71	71	6318		-3	INT16	11484	11485	Analog Input	759	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 72	72	6319		-3	INT16	11486	11487	Analog Input	760	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 73	73	6320		-3	INT16	11488	11489	Analog Input	761	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 74	74	6321		-3	INT16	11490	11491	Analog Input	762	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 75	75	6322		-3	INT16	11492	11493	Analog Input	763	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 76	76	6323		-3	INT16	11494	11495	Analog Input	764	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 77	77	6324		-3	INT16	11496	11497	Analog Input	765	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 78	78	6325		-3	INT16	11498	11499	Analog Input	766	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 79	79	6326		-3	INT16	11500	11501	Analog Input	767	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 80	80	6327		-3	INT16	11502	11503	Analog Input	768	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 81	81	6328		-3	INT16	11504	11505	Analog Input	769	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 82	82	6329		-3	INT16	11506	11507	Analog Input	770	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 83	83	6330		-3	INT16	11508	11509	Analog Input	771	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 84	84	6331		-3	INT16	11510	11511	Analog Input	772	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 85	85	6332		-3	INT16	11512	11513	Analog Input	773	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 86	86	6333		-3	INT16	11514	11515	Analog Input	774	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 87	87	6334		-3	INT16	11516	11517	Analog Input	775	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 88	88	6335		-3	INT16	11518	11519	Analog Input	776	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 89	89	6336		-3	INT16	11520	11521	Analog Input	777	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 90	90	6337		-3	INT16	11522	11523	Analog Input	778	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 91	91	6338		-3	INT16	11524	11525	Analog Input	779	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 92	92	6339		-3	INT16	11526	11527	Analog Input	780	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 93	93	6340		-3	INT16	11528	11529	Analog Input	781	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 94	94	6341		-3	INT16	11530	11531	Analog Input	782	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 95	95	6342		-3	INT16	11532	11533	Analog Input	783	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 96	96	6343		-3	INT16	11534	11535	Analog Input	784	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle		6344	6439	-1	INT16	11536	11727	Analog Input	785 - 880	R		Degrees	-90° - 90°	*Referenced to Assigned Voltage Phase*
Current Angle- Circuit 1	1	6344		-1	INT16	11536	11537	Analog Input	785	R		Degrees		
Current Angle- Circuit 2	2	6345		-1	INT16	11538	11539	Analog Input	786	R		Degrees		
Current Angle- Circuit 3	3	6346		-1	INT16	11540	11541	Analog Input	787	R		Degrees		
Current Angle- Circuit 4	4	6347		-1	INT16	11542	11543	Analog Input	788	R		Degrees		
Current Angle- Circuit 5	5	6348		-1	INT16	11544	11545	Analog Input	789	R		Degrees		
Current Angle- Circuit 6	6	6349		-1	INT16	11546	11547	Analog Input	790	R		Degrees		
Current Angle- Circuit 7	7	6350		-1	INT16	11548	11549	Analog Input	791	R		Degrees		
Current Angle- Circuit 8	8	6351		-1	INT16	11550	11551	Analog Input	792	R		Degrees		
Current Angle- Circuit 9	9	6352		-1	INT16	11552	11553	Analog Input	793	R		Degrees		
Current Angle- Circuit 10	10	6353		-1	INT16	11554	11555	Analog Input	794	R		Degrees		
Current Angle- Circuit 11	11	6354		-1	INT16	11556	11557	Analog Input	795	R		Degrees		
Current Angle- Circuit 12	12	6355		-1	INT16	11558	11559	Analog Input	796	R		Degrees		
Current Angle- Circuit 13	13	6356		-1	INT16	11560	11561	Analog Input	797	R		Degrees		
Current Angle- Circuit 14	14	6357		-1	INT16	11562	11563	Analog Input	798	R		Degrees		
Current Angle- Circuit 15	15	6358		-1	INT16	11564	11565	Analog Input	799	R		Degrees		
Current Angle- Circuit 16	16	6359		-1	INT16	11566	11567	Analog Input	800	R		Degrees		
Current Angle- Circuit 17	17	6360		-1	INT16	11568	11569	Analog Input	801	R		Degrees		
Current Angle- Circuit 18	18	6361		-1	INT16	11570	11571	Analog Input	802	R		Degrees		
Current Angle- Circuit 19	19	6362		-1	INT16	11572	11573	Analog Input	803	R		Degrees		
Current Angle- Circuit 20	20	6363		-1	INT16	11574	11575	Analog Input	804	R		Degrees		
Current Angle- Circuit 21	21	6364		-1	INT16	11576	11577	Analog Input	805	R		Degrees		
Current Angle- Circuit 22	22	6365		-1	INT16	11578	11579	Analog Input	806	R		Degrees		
Current Angle- Circuit 23	23	6366		-1	INT16	11580	11581	Analog Input	807	R		Degrees		
Current Angle- Circuit 24	24	6367		-1	INT16	11582	11583	Analog Input	808	R		Degrees		
Current Angle- Circuit 25	25	6368		-1	INT16	11584	11585	Analog Input	809	R		Degrees		
Current Angle- Circuit 26	26	6369		-1	INT16	11586	11587	Analog Input	810	R		Degrees		
Current Angle- Circuit 27	27	6370		-1	INT16	11588	11589	Analog Input	811	R		Degrees		
Current Angle- Circuit 28	28	6371		-1	INT16	11590	11591	Analog Input	812	R		Degrees		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Current Angle- Circuit 29	29	6372		-1	INT16	11592	11593	Analog Input	813	R		Degrees		
Current Angle- Circuit 30	30	6373		-1	INT16	11594	11595	Analog Input	814	R		Degrees		
Current Angle- Circuit 31	31	6374		-1	INT16	11596	11597	Analog Input	815	R		Degrees		
Current Angle- Circuit 32	32	6375		-1	INT16	11598	11599	Analog Input	816	R		Degrees		
Current Angle- Circuit 33	33	6376		-1	INT16	11600	11601	Analog Input	817	R		Degrees		
Current Angle- Circuit 34	34	6377		-1	INT16	11602	11603	Analog Input	818	R		Degrees		
Current Angle- Circuit 35	35	6378		-1	INT16	11604	11605	Analog Input	819	R		Degrees		
Current Angle- Circuit 36	36	6379		-1	INT16	11606	11607	Analog Input	820	R		Degrees		
Current Angle- Circuit 37	37	6380		-1	INT16	11608	11609	Analog Input	821	R		Degrees		
Current Angle- Circuit 38	38	6381		-1	INT16	11610	11611	Analog Input	822	R		Degrees		
Current Angle- Circuit 39	39	6382		-1	INT16	11612	11613	Analog Input	823	R		Degrees		
Current Angle- Circuit 40	40	6383		-1	INT16	11614	11615	Analog Input	824	R		Degrees		
Current Angle- Circuit 41	41	6384		-1	INT16	11616	11617	Analog Input	825	R		Degrees		
Current Angle- Circuit 42	42	6385		-1	INT16	11618	11619	Analog Input	826	R		Degrees		
Current Angle- Circuit 43	43	6386		-1	INT16	11620	11621	Analog Input	827	R		Degrees		
Current Angle- Circuit 44	44	6387		-1	INT16	11622	11623	Analog Input	828	R		Degrees		
Current Angle- Circuit 45	45	6388		-1	INT16	11624	11625	Analog Input	829	R		Degrees		
Current Angle- Circuit 46	46	6389		-1	INT16	11626	11627	Analog Input	830	R		Degrees		
Current Angle- Circuit 47	47	6390		-1	INT16	11628	11629	Analog Input	831	R		Degrees		
Current Angle- Circuit 48	48	6391		-1	INT16	11630	11631	Analog Input	832	R		Degrees		
Current Angle- Circuit 49	49	6392		-1	INT16	11632	11633	Analog Input	833	R		Degrees		
Current Angle- Circuit 50	50	6393		-1	INT16	11634	11635	Analog Input	834	R		Degrees		
Current Angle- Circuit 51	51	6394		-1	INT16	11636	11637	Analog Input	835	R		Degrees		
Current Angle- Circuit 52	52	6395		-1	INT16	11638	11639	Analog Input	836	R		Degrees		
Current Angle- Circuit 53	53	6396		-1	INT16	11640	11641	Analog Input	837	R		Degrees		
Current Angle- Circuit 54	54	6397		-1	INT16	11642	11643	Analog Input	838	R		Degrees		
Current Angle- Circuit 55	55	6398		-1	INT16	11644	11645	Analog Input	839	R		Degrees		
Current Angle- Circuit 56	56	6399		-1	INT16	11646	11647	Analog Input	840	R		Degrees		
Current Angle- Circuit 57	57	6400		-1	INT16	11648	11649	Analog Input	841	R		Degrees		
Current Angle- Circuit 58	58	6401		-1	INT16	11650	11651	Analog Input	842	R		Degrees		
Current Angle- Circuit 59	59	6402		-1	INT16	11652	11653	Analog Input	843	R		Degrees		
Current Angle- Circuit 60	60	6403		-1	INT16	11654	11655	Analog Input	844	R		Degrees		
Current Angle- Circuit 61	61	6404		-1	INT16	11656	11657	Analog Input	845	R		Degrees		
Current Angle- Circuit 62	62	6405		-1	INT16	11658	11659	Analog Input	846	R		Degrees		
Current Angle- Circuit 63	63	6406		-1	INT16	11660	11661	Analog Input	847	R		Degrees		
Current Angle- Circuit 64	64	6407		-1	INT16	11662	11663	Analog Input	848	R		Degrees		
Current Angle- Circuit 65	65	6408		-1	INT16	11664	11665	Analog Input	849	R		Degrees		
Current Angle- Circuit 66	66	6409		-1	INT16	11666	11667	Analog Input	850	R		Degrees		
Current Angle- Circuit 67	67	6410		-1	INT16	11668	11669	Analog Input	851	R		Degrees		
Current Angle- Circuit 68	68	6411		-1	INT16	11670	11671	Analog Input	852	R		Degrees		
Current Angle- Circuit 69	69	6412		-1	INT16	11672	11673	Analog Input	853	R		Degrees		
Current Angle- Circuit 70	70	6413		-1	INT16	11674	11675	Analog Input	854	R		Degrees		
Current Angle- Circuit 71	71	6414		-1	INT16	11676	11677	Analog Input	855	R		Degrees		
Current Angle- Circuit 72	72	6415		-1	INT16	11678	11679	Analog Input	856	R		Degrees		
Current Angle- Circuit 73	73	6416		-1	INT16	11680	11681	Analog Input	857	R		Degrees		
Current Angle- Circuit 74	74	6417		-1	INT16	11682	11683	Analog Input	858	R		Degrees		
Current Angle- Circuit 75	75	6418		-1	INT16	11684	11685	Analog Input	859	R		Degrees		
Current Angle- Circuit 76	76	6419		-1	INT16	11686	11687	Analog Input	860	R		Degrees		
Current Angle- Circuit 77	77	6420		-1	INT16	11688	11689	Analog Input	861	R		Degrees		
Current Angle- Circuit 78	78	6421		-1	INT16	11690	11691	Analog Input	862	R		Degrees		
Current Angle- Circuit 79	79	6422		-1	INT16	11692	11693	Analog Input	863	R		Degrees		
Current Angle- Circuit 80	80	6423		-1	INT16	11694	11695	Analog Input	864	R		Degrees		
Current Angle- Circuit 81	81	6424		-1	INT16	11696	11697	Analog Input	865	R		Degrees		
Current Angle- Circuit 82	82	6425		-1	INT16	11698	11699	Analog Input	866	R		Degrees		
Current Angle- Circuit 83	83	6426		-1	INT16	11700	11701	Analog Input	867	R		Degrees		
Current Angle- Circuit 84	84	6427		-1	INT16	11702	11703	Analog Input	868	R		Degrees		
Current Angle- Circuit 85	85	6428		-1	INT16	11704	11705	Analog Input	869	R		Degrees		
Current Angle- Circuit 86	86	6429		-1	INT16	11706	11707	Analog Input	870	R		Degrees		

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Current Angle- Circuit 87	87	6430		-1	INT16	11708	11709	Analog Input	871	R		Degrees		
Current Angle- Circuit 88	88	6431		-1	INT16	11710	11711	Analog Input	872	R		Degrees		
Current Angle- Circuit 89	89	6432		-1	INT16	11712	11713	Analog Input	873	R		Degrees		
Current Angle- Circuit 90	90	6433		-1	INT16	11714	11715	Analog Input	874	R		Degrees		
Current Angle- Circuit 91	91	6434		-1	INT16	11716	11717	Analog Input	875	R		Degrees		
Current Angle- Circuit 92	92	6435		-1	INT16	11718	11719	Analog Input	876	R		Degrees		
Current Angle- Circuit 93	93	6436		-1	INT16	11720	11721	Analog Input	877	R		Degrees		
Current Angle- Circuit 94	94	6437		-1	INT16	11722	11723	Analog Input	878	R		Degrees		
Current Angle- Circuit 95	95	6438		-1	INT16	11724	11725	Analog Input	879	R		Degrees		
Current Angle- Circuit 96	96	6439		-1	INT16	11726	11727	Analog Input	880	R		Degrees		
Percent THD		6440	6535	-1	UINT16	11728	11919	Analog Input	681 - 976	R		Percent		
Percent THD - Circuit 1	1	6440		-1	UINT16	11728	11729	Analog Input	881	R		Percent		
Percent THD - Circuit 2	2	6441		-1	UINT16	11730	11731	Analog Input	882	R		Percent		
Percent THD - Circuit 3	3	6442		-1	UINT16	11732	11733	Analog Input	883	R		Percent		
Percent THD - Circuit 4	4	6443		-1	UINT16	11734	11735	Analog Input	884	R		Percent		
Percent THD - Circuit 5	5	6444		-1	UINT16	11736	11737	Analog Input	885	R		Percent		
Percent THD - Circuit 6	6	6445		-1	UINT16	11738	11739	Analog Input	886	R		Percent		
Percent THD - Circuit 7	7	6446		-1	UINT16	11740	11741	Analog Input	887	R		Percent		
Percent THD - Circuit 8	8	6447		-1	UINT16	11742	11743	Analog Input	888	R		Percent		
Percent THD - Circuit 9	9	6448		-1	UINT16	11744	11745	Analog Input	889	R		Percent		
Percent THD - Circuit 10	10	6449		-1	UINT16	11746	11747	Analog Input	890	R		Percent		
Percent THD - Circuit 11	11	6450		-1	UINT16	11748	11749	Analog Input	891	R		Percent		
Percent THD - Circuit 12	12	6451		-1	UINT16	11750	11751	Analog Input	892	R		Percent		
Percent THD - Circuit 13	13	6452		-1	UINT16	11752	11753	Analog Input	893	R		Percent		
Percent THD - Circuit 14	14	6453		-1	UINT16	11754	11755	Analog Input	894	R		Percent		
Percent THD - Circuit 15	15	6454		-1	UINT16	11756	11757	Analog Input	895	R		Percent		
Percent THD - Circuit 16	16	6455		-1	UINT16	11758	11759	Analog Input	896	R		Percent		
Percent THD - Circuit 17	17	6456		-1	UINT16	11760	11761	Analog Input	897	R		Percent		
Percent THD - Circuit 18	18	6457		-1	UINT16	11762	11763	Analog Input	898	R		Percent		
Percent THD - Circuit 19	19	6458		-1	UINT16	11764	11765	Analog Input	899	R		Percent		
Percent THD - Circuit 20	20	6459		-1	UINT16	11766	11767	Analog Input	900	R		Percent		
Percent THD - Circuit 21	21	6460		-1	UINT16	11768	11769	Analog Input	901	R		Percent		
Percent THD - Circuit 22	22	6461		-1	UINT16	11770	11771	Analog Input	902	R		Percent		
Percent THD - Circuit 23	23	6462		-1	UINT16	11772	11773	Analog Input	903	R		Percent		
Percent THD - Circuit 24	24	6463		-1	UINT16	11774	11775	Analog Input	904	R		Percent		
Percent THD - Circuit 25	25	6464		-1	UINT16	11776	11777	Analog Input	905	R		Percent		
Percent THD - Circuit 26	26	6465		-1	UINT16	11778	11779	Analog Input	906	R		Percent		
Percent THD - Circuit 27	27	6466		-1	UINT16	11780	11781	Analog Input	907	R		Percent		
Percent THD - Circuit 28	28	6467		-1	UINT16	11782	11783	Analog Input	908	R		Percent		
Percent THD - Circuit 29	29	6468		-1	UINT16	11784	11785	Analog Input	909	R		Percent		
Percent THD - Circuit 30	30	6469		-1	UINT16	11786	11787	Analog Input	910	R		Percent		
Percent THD - Circuit 31	31	6470		-1	UINT16	11788	11789	Analog Input	911	R		Percent		
Percent THD - Circuit 32	32	6471		-1	UINT16	11790	11791	Analog Input	912	R		Percent		
Percent THD - Circuit 33	33	6472		-1	UINT16	11792	11793	Analog Input	913	R		Percent		
Percent THD - Circuit 34	34	6473		-1	UINT16	11794	11795	Analog Input	914	R		Percent		
Percent THD - Circuit 35	35	6474		-1	UINT16	11796	11797	Analog Input	915	R		Percent		
Percent THD - Circuit 36	36	6475		-1	UINT16	11798	11799	Analog Input	916	R		Percent		
Percent THD - Circuit 37	37	6476		-1	UINT16	11800	11801	Analog Input	917	R		Percent		
Percent THD - Circuit 38	38	6477		-1	UINT16	11802	11803	Analog Input	918	R		Percent		
Percent THD - Circuit 39	39	6478		-1	UINT16	11804	11805	Analog Input	919	R		Percent		
Percent THD - Circuit 40	40	6479		-1	UINT16	11806	11807	Analog Input	920	R		Percent		
Percent THD - Circuit 41	41	6480		-1	UINT16	11808	11809	Analog Input	921	R		Percent		
Percent THD - Circuit 42	42	6481		-1	UINT16	11810	11811	Analog Input	922	R		Percent		
Percent THD - Circuit 43	43	6482		-1	UINT16	11812	11813	Analog Input	923	R		Percent		
Percent THD - Circuit 44	44	6483		-1	UINT16	11814	11815	Analog Input	924	R		Percent		
Percent THD - Circuit 45	45	6484		-1	UINT16	11816	11817	Analog Input	925	R		Percent		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Percent THD - Circuit 46	46	6485		-1	UINT16	11818	11819	Analog Input	926	R		Percent		
Percent THD - Circuit 47	47	6486		-1	UINT16	11820	11821	Analog Input	927	R		Percent		
Percent THD - Circuit 48	48	6487		-1	UINT16	11822	11823	Analog Input	928	R		Percent		
Percent THD - Circuit 49	49	6488		-1	UINT16	11824	11825	Analog Input	929	R		Percent		
Percent THD - Circuit 50	50	6489		-1	UINT16	11826	11827	Analog Input	930	R		Percent		
Percent THD - Circuit 51	51	6490		-1	UINT16	11828	11829	Analog Input	931	R		Percent		
Percent THD - Circuit 52	52	6491		-1	UINT16	11830	11831	Analog Input	932	R		Percent		
Percent THD - Circuit 53	53	6492		-1	UINT16	11832	11833	Analog Input	933	R		Percent		
Percent THD - Circuit 54	54	6493		-1	UINT16	11834	11835	Analog Input	934	R		Percent		
Percent THD - Circuit 55	55	6494		-1	UINT16	11836	11837	Analog Input	935	R		Percent		
Percent THD - Circuit 56	56	6495		-1	UINT16	11838	11839	Analog Input	936	R		Percent		
Percent THD - Circuit 57	57	6496		-1	UINT16	11840	11841	Analog Input	937	R		Percent		
Percent THD - Circuit 58	58	6497		-1	UINT16	11842	11843	Analog Input	938	R		Percent		
Percent THD - Circuit 59	59	6498		-1	UINT16	11844	11845	Analog Input	939	R		Percent		
Percent THD - Circuit 60	60	6499		-1	UINT16	11846	11847	Analog Input	940	R		Percent		
Percent THD - Circuit 61	61	6500		-1	UINT16	11848	11849	Analog Input	941	R		Percent		
Percent THD - Circuit 62	62	6501		-1	UINT16	11850	11851	Analog Input	942	R		Percent		
Percent THD - Circuit 63	63	6502		-1	UINT16	11852	11853	Analog Input	943	R		Percent		
Percent THD - Circuit 64	64	6503		-1	UINT16	11854	11855	Analog Input	944	R		Percent		
Percent THD - Circuit 65	65	6504		-1	UINT16	11856	11857	Analog Input	945	R		Percent		
Percent THD - Circuit 66	66	6505		-1	UINT16	11858	11859	Analog Input	946	R		Percent		
Percent THD - Circuit 67	67	6506		-1	UINT16	11860	11861	Analog Input	947	R		Percent		
Percent THD - Circuit 68	68	6507		-1	UINT16	11862	11863	Analog Input	948	R		Percent		
Percent THD - Circuit 69	69	6508		-1	UINT16	11864	11865	Analog Input	949	R		Percent		
Percent THD - Circuit 70	70	6509		-1	UINT16	11866	11867	Analog Input	950	R		Percent		
Percent THD - Circuit 71	71	6510		-1	UINT16	11868	11869	Analog Input	951	R		Percent		
Percent THD - Circuit 72	72	6511		-1	UINT16	11870	11871	Analog Input	952	R		Percent		
Percent THD - Circuit 73	73	6512		-1	UINT16	11872	11873	Analog Input	953	R		Percent		
Percent THD - Circuit 74	74	6513		-1	UINT16	11874	11875	Analog Input	954	R		Percent		
Percent THD - Circuit 75	75	6514		-1	UINT16	11876	11877	Analog Input	955	R		Percent		
Percent THD - Circuit 76	76	6515		-1	UINT16	11878	11879	Analog Input	956	R		Percent		
Percent THD - Circuit 77	77	6516		-1	UINT16	11880	11881	Analog Input	957	R		Percent		
Percent THD - Circuit 78	78	6517		-1	UINT16	11882	11883	Analog Input	958	R		Percent		
Percent THD - Circuit 79	79	6518		-1	UINT16	11884	11885	Analog Input	959	R		Percent		
Percent THD - Circuit 80	80	6519		-1	UINT16	11886	11887	Analog Input	960	R		Percent		
Percent THD - Circuit 81	81	6520		-1	UINT16	11888	11889	Analog Input	961	R		Percent		
Percent THD - Circuit 82	82	6521		-1	UINT16	11890	11891	Analog Input	962	R		Percent		
Percent THD - Circuit 83	83	6522		-1	UINT16	11892	11893	Analog Input	963	R		Percent		
Percent THD - Circuit 84	84	6523		-1	UINT16	11894	11895	Analog Input	964	R		Percent		
Percent THD - Circuit 85	85	6524		-1	UINT16	11896	11897	Analog Input	965	R		Percent		
Percent THD - Circuit 86	86	6525		-1	UINT16	11898	11899	Analog Input	966	R		Percent		
Percent THD - Circuit 87	87	6526		-1	UINT16	11900	11901	Analog Input	967	R		Percent		
Percent THD - Circuit 88	88	6527		-1	UINT16	11902	11903	Analog Input	968	R		Percent		
Percent THD - Circuit 89	89	6528		-1	UINT16	11904	11905	Analog Input	969	R		Percent		
Percent THD - Circuit 90	90	6529		-1	UINT16	11906	11907	Analog Input	970	R		Percent		
Percent THD - Circuit 91	91	6530		-1	UINT16	11908	11909	Analog Input	971	R		Percent		
Percent THD - Circuit 92	92	6531		-1	UINT16	11910	11911	Analog Input	972	R		Percent		
Percent THD - Circuit 93	93	6532		-1	UINT16	11912	11913	Analog Input	973	R		Percent		
Percent THD - Circuit 94	94	6533		-1	UINT16	11914	11915	Analog Input	974	R		Percent		
Percent THD - Circuit 95	95	6534		-1	UINT16	11916	11917	Analog Input	975	R		Percent		
Percent THD - Circuit 96	96	6535		-1	UINT16	11918	11919	Analog Input	976	R		Percent		
Max Current		6536	6631	Current	UINT16	11920	12111	Analog Input	977 - 1072	R	NV	Amps		
Max Current- Circuit 1	1	6536		5192	UINT16	11920	11921	Analog Input	977	R	NV	Amps		
Max Current- Circuit 2	2	6537		5193	UINT16	11922	11923	Analog Input	978	R	NV	Amps		
Max Current- Circuit 3	3	6538		5194	UINT16	11924	11925	Analog Input	979	R	NV	Amps		
Max Current- Circuit 4	4	6539		5195	UINT16	11926	11927	Analog Input	980	R	NV	Amps		

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W/L	NV	Units	Range	Notes
Max Current- Circuit 5	5	6540		5196	UINT16	11928	11929	Analog Input	981	R	NV	Amps		
Max Current- Circuit 6	6	6541		5197	UINT16	11930	11931	Analog Input	982	R	NV	Amps		
Max Current- Circuit 7	7	6542		5198	UINT16	11932	11933	Analog Input	983	R	NV	Amps		
Max Current- Circuit 8	8	6543		5199	UINT16	11934	11935	Analog Input	984	R	NV	Amps		
Max Current- Circuit 9	9	6544		5200	UINT16	11936	11937	Analog Input	985	R	NV	Amps		
Max Current- Circuit 10	10	6545		5201	UINT16	11938	11939	Analog Input	986	R	NV	Amps		
Max Current- Circuit 11	11	6546		5202	UINT16	11940	11941	Analog Input	987	R	NV	Amps		
Max Current- Circuit 12	12	6547		5203	UINT16	11942	11943	Analog Input	988	R	NV	Amps		
Max Current- Circuit 13	13	6548		5204	UINT16	11944	11945	Analog Input	989	R	NV	Amps		
Max Current- Circuit 14	14	6549		5205	UINT16	11946	11947	Analog Input	990	R	NV	Amps		
Max Current- Circuit 15	15	6550		5206	UINT16	11948	11949	Analog Input	991	R	NV	Amps		
Max Current- Circuit 16	16	6551		5207	UINT16	11950	11951	Analog Input	992	R	NV	Amps		
Max Current- Circuit 17	17	6552		5208	UINT16	11952	11953	Analog Input	993	R	NV	Amps		
Max Current- Circuit 18	18	6553		5209	UINT16	11954	11955	Analog Input	994	R	NV	Amps		
Max Current- Circuit 19	19	6554		5210	UINT16	11956	11957	Analog Input	995	R	NV	Amps		
Max Current- Circuit 20	20	6555		5211	UINT16	11958	11959	Analog Input	996	R	NV	Amps		
Max Current- Circuit 21	21	6556		5212	UINT16	11960	11961	Analog Input	997	R	NV	Amps		
Max Current- Circuit 22	22	6557		5213	UINT16	11962	11963	Analog Input	998	R	NV	Amps		
Max Current- Circuit 23	23	6558		5214	UINT16	11964	11965	Analog Input	999	R	NV	Amps		
Max Current- Circuit 24	24	6559		5215	UINT16	11966	11967	Analog Input	1000	R	NV	Amps		
Max Current- Circuit 25	25	6560		5216	UINT16	11968	11969	Analog Input	1001	R	NV	Amps		
Max Current- Circuit 26	26	6561		5217	UINT16	11970	11971	Analog Input	1002	R	NV	Amps		
Max Current- Circuit 27	27	6562		5218	UINT16	11972	11973	Analog Input	1003	R	NV	Amps		
Max Current- Circuit 28	28	6563		5219	UINT16	11974	11975	Analog Input	1004	R	NV	Amps		
Max Current- Circuit 29	29	6564		5220	UINT16	11976	11977	Analog Input	1005	R	NV	Amps		
Max Current- Circuit 30	30	6565		5221	UINT16	11978	11979	Analog Input	1006	R	NV	Amps		
Max Current- Circuit 31	31	6566		5222	UINT16	11980	11981	Analog Input	1007	R	NV	Amps		
Max Current- Circuit 32	32	6567		5223	UINT16	11982	11983	Analog Input	1008	R	NV	Amps		
Max Current- Circuit 33	33	6568		5224	UINT16	11984	11985	Analog Input	1009	R	NV	Amps		
Max Current- Circuit 34	34	6569		5225	UINT16	11986	11987	Analog Input	1010	R	NV	Amps		
Max Current- Circuit 35	35	6570		5226	UINT16	11988	11989	Analog Input	1011	R	NV	Amps		
Max Current- Circuit 36	36	6571		5227	UINT16	11990	11991	Analog Input	1012	R	NV	Amps		
Max Current- Circuit 37	37	6572		5228	UINT16	11992	11993	Analog Input	1013	R	NV	Amps		
Max Current- Circuit 38	38	6573		5229	UINT16	11994	11995	Analog Input	1014	R	NV	Amps		
Max Current- Circuit 39	39	6574		5230	UINT16	11996	11997	Analog Input	1015	R	NV	Amps		
Max Current- Circuit 40	40	6575		5231	UINT16	11998	11999	Analog Input	1016	R	NV	Amps		
Max Current- Circuit 41	41	6576		5232	UINT16	12000	12001	Analog Input	1017	R	NV	Amps		
Max Current- Circuit 42	42	6577		5233	UINT16	12002	12003	Analog Input	1018	R	NV	Amps		
Max Current- Circuit 43	43	6578		5234	UINT16	12004	12005	Analog Input	1019	R	NV	Amps		
Max Current- Circuit 44	44	6579		5235	UINT16	12006	12007	Analog Input	1020	R	NV	Amps		
Max Current- Circuit 45	45	6580		5236	UINT16	12008	12009	Analog Input	1021	R	NV	Amps		
Max Current- Circuit 46	46	6581		5237	UINT16	12010	12011	Analog Input	1022	R	NV	Amps		
Max Current- Circuit 47	47	6582		5238	UINT16	12012	12013	Analog Input	1023	R	NV	Amps		
Max Current- Circuit 48	48	6583		5239	UINT16	12014	12015	Analog Input	1024	R	NV	Amps		
Max Current- Circuit 49	49	6584		5240	UINT16	12016	12017	Analog Input	1025	R	NV	Amps		
Max Current- Circuit 50	50	6585		5241	UINT16	12018	12019	Analog Input	1026	R	NV	Amps		
Max Current- Circuit 51	51	6586		5242	UINT16	12020	12021	Analog Input	1027	R	NV	Amps		
Max Current- Circuit 52	52	6587		5243	UINT16	12022	12023	Analog Input	1028	R	NV	Amps		
Max Current- Circuit 53	53	6588		5244	UINT16	12024	12025	Analog Input	1029	R	NV	Amps		
Max Current- Circuit 54	54	6589		5245	UINT16	12026	12027	Analog Input	1030	R	NV	Amps		
Max Current- Circuit 55	55	6590		5246	UINT16	12028	12029	Analog Input	1031	R	NV	Amps		
Max Current- Circuit 56	56	6591		5247	UINT16	12030	12031	Analog Input	1032	R	NV	Amps		
Max Current- Circuit 57	57	6592		5248	UINT16	12032	12033	Analog Input	1033	R	NV	Amps		
Max Current- Circuit 58	58	6593		5249	UINT16	12034	12035	Analog Input	1034	R	NV	Amps		
Max Current- Circuit 59	59	6594		5250	UINT16	12036	12037	Analog Input	1035	R	NV	Amps		
Max Current- Circuit 60	60	6595		5251	UINT16	12038	12039	Analog Input	1036	R	NV	Amps		
Max Current- Circuit 61	61	6596		5252	UINT16	12040	12041	Analog Input	1037	R	NV	Amps		
Max Current- Circuit 62	62	6597		5253	UINT16	12042	12043	Analog Input	1038	R	NV	Amps		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Max Current- Circuit 63	63	6598		5254	UINT16	12044	12045	Analog Input	1039	R	NV	Amps		
Max Current- Circuit 64	64	6599		5255	UINT16	12046	12047	Analog Input	1040	R	NV	Amps		
Max Current- Circuit 65	65	6600		5256	UINT16	12048	12049	Analog Input	1041	R	NV	Amps		
Max Current- Circuit 66	66	6601		5257	UINT16	12050	12051	Analog Input	1042	R	NV	Amps		
Max Current- Circuit 67	67	6602		5258	UINT16	12052	12053	Analog Input	1043	R	NV	Amps		
Max Current- Circuit 68	68	6603		5259	UINT16	12054	12055	Analog Input	1044	R	NV	Amps		
Max Current- Circuit 69	69	6604		5260	UINT16	12056	12057	Analog Input	1045	R	NV	Amps		
Max Current- Circuit 70	70	6605		5261	UINT16	12058	12059	Analog Input	1046	R	NV	Amps		
Max Current- Circuit 71	71	6606		5262	UINT16	12060	12061	Analog Input	1047	R	NV	Amps		
Max Current- Circuit 72	72	6607		5263	UINT16	12062	12063	Analog Input	1048	R	NV	Amps		
Max Current- Circuit 73	73	6608		5264	UINT16	12064	12065	Analog Input	1049	R	NV	Amps		
Max Current- Circuit 74	74	6609		5265	UINT16	12066	12067	Analog Input	1050	R	NV	Amps		
Max Current- Circuit 75	75	6610		5266	UINT16	12068	12069	Analog Input	1051	R	NV	Amps		
Max Current- Circuit 76	76	6611		5267	UINT16	12070	12071	Analog Input	1052	R	NV	Amps		
Max Current- Circuit 77	77	6612		5268	UINT16	12072	12073	Analog Input	1053	R	NV	Amps		
Max Current- Circuit 78	78	6613		5269	UINT16	12074	12075	Analog Input	1054	R	NV	Amps		
Max Current- Circuit 79	79	6614		5270	UINT16	12076	12077	Analog Input	1055	R	NV	Amps		
Max Current- Circuit 80	80	6615		5271	UINT16	12078	12079	Analog Input	1056	R	NV	Amps		
Max Current- Circuit 81	81	6616		5272	UINT16	12080	12081	Analog Input	1057	R	NV	Amps		
Max Current- Circuit 82	82	6617		5273	UINT16	12082	12083	Analog Input	1058	R	NV	Amps		
Max Current- Circuit 83	83	6618		5274	UINT16	12084	12085	Analog Input	1059	R	NV	Amps		
Max Current- Circuit 84	84	6619		5275	UINT16	12086	12087	Analog Input	1060	R	NV	Amps		
Max Current- Circuit 85	85	6620		5276	UINT16	12088	12089	Analog Input	1061	R	NV	Amps		
Max Current- Circuit 86	86	6621		5277	UINT16	12090	12091	Analog Input	1062	R	NV	Amps		
Max Current- Circuit 87	87	6622		5278	UINT16	12092	12093	Analog Input	1063	R	NV	Amps		
Max Current- Circuit 88	88	6623		5279	UINT16	12094	12095	Analog Input	1064	R	NV	Amps		
Max Current- Circuit 89	89	6624		5280	UINT16	12096	12097	Analog Input	1065	R	NV	Amps		
Max Current- Circuit 90	90	6625		5281	UINT16	12098	12099	Analog Input	1066	R	NV	Amps		
Max Current- Circuit 91	91	6626		5282	UINT16	12100	12101	Analog Input	1067	R	NV	Amps		
Max Current- Circuit 92	92	6627		5283	UINT16	12102	12103	Analog Input	1068	R	NV	Amps		
Max Current- Circuit 93	93	6628		5284	UINT16	12104	12105	Analog Input	1069	R	NV	Amps		
Max Current- Circuit 94	94	6629		5285	UINT16	12106	12107	Analog Input	1070	R	NV	Amps		
Max Current- Circuit 95	95	6630		5286	UINT16	12108	12109	Analog Input	1071	R	NV	Amps		
Max Current- Circuit 96	96	6631		5287	UINT16	12110	12111	Analog Input	1072	R	NV	Amps		
Max kW		6632	6727	Power	UINT16	12112	12303	Analog Input	1073 - 1068	R	NV	kW		
Max kW- Circuit 1	1	6632		5096	UINT16	12112	12113	Analog Input	1073	R	NV	kW		
Max kW- Circuit 2	2	6633		5097	UINT16	12114	12115	Analog Input	1074	R	NV	kW		
Max kW- Circuit 3	3	6634		5098	UINT16	12116	12117	Analog Input	1075	R	NV	kW		
Max kW- Circuit 4	4	6635		5099	UINT16	12118	12119	Analog Input	1076	R	NV	kW		
Max kW- Circuit 5	5	6636		5100	UINT16	12120	12121	Analog Input	1077	R	NV	kW		
Max kW- Circuit 6	6	6637		5101	UINT16	12122	12123	Analog Input	1078	R	NV	kW		
Max kW- Circuit 7	7	6638		5102	UINT16	12124	12125	Analog Input	1079	R	NV	kW		
Max kW- Circuit 8	8	6639		5103	UINT16	12126	12127	Analog Input	1080	R	NV	kW		
Max kW- Circuit 9	9	6640		5104	UINT16	12128	12129	Analog Input	1081	R	NV	kW		
Max kW- Circuit 10	10	6641		5105	UINT16	12130	12131	Analog Input	1082	R	NV	kW		
Max kW- Circuit 11	11	6642		5106	UINT16	12132	12133	Analog Input	1083	R	NV	kW		
Max kW- Circuit 12	12	6643		5107	UINT16	12134	12135	Analog Input	1084	R	NV	kW		
Max kW- Circuit 13	13	6644		5108	UINT16	12136	12137	Analog Input	1085	R	NV	kW		
Max kW- Circuit 14	14	6645		5109	UINT16	12138	12139	Analog Input	1086	R	NV	kW		
Max kW- Circuit 15	15	6646		5110	UINT16	12140	12141	Analog Input	1087	R	NV	kW		
Max kW- Circuit 16	16	6647		5111	UINT16	12142	12143	Analog Input	1088	R	NV	kW		
Max kW- Circuit 17	17	6648		5112	UINT16	12144	12145	Analog Input	1089	R	NV	kW		
Max kW- Circuit 18	18	6649		5113	UINT16	12146	12147	Analog Input	1090	R	NV	kW		
Max kW- Circuit 19	19	6650		5114	UINT16	12148	12149	Analog Input	1091	R	NV	kW		
Max kW- Circuit 20	20	6651		5115	UINT16	12150	12151	Analog Input	1092	R	NV	kW		
Max kW- Circuit 21	21	6652		5116	UINT16	12152	12153	Analog Input	1093	R	NV	kW		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Max kW- Circuit 22	22	6653		5117	UINT16	12154	12155	Analog Input	1094	R	NV	kW		
Max kW- Circuit 23	23	6654		5118	UINT16	12156	12157	Analog Input	1095	R	NV	kW		
Max kW- Circuit 24	24	6655		5119	UINT16	12158	12159	Analog Input	1096	R	NV	kW		
Max kW- Circuit 25	25	6656		5120	UINT16	12160	12161	Analog Input	1097	R	NV	kW		
Max kW- Circuit 26	26	6657		5121	UINT16	12162	12163	Analog Input	1098	R	NV	kW		
Max kW- Circuit 27	27	6658		5122	UINT16	12164	12165	Analog Input	1099	R	NV	kW		
Max kW- Circuit 28	28	6659		5123	UINT16	12166	12167	Analog Input	1100	R	NV	kW		
Max kW- Circuit 29	29	6660		5124	UINT16	12168	12169	Analog Input	1101	R	NV	kW		
Max kW- Circuit 30	30	6661		5125	UINT16	12170	12171	Analog Input	1102	R	NV	kW		
Max kW- Circuit 31	31	6662		5126	UINT16	12172	12173	Analog Input	1103	R	NV	kW		
Max kW- Circuit 32	32	6663		5127	UINT16	12174	12175	Analog Input	1104	R	NV	kW		
Max kW- Circuit 33	33	6664		5128	UINT16	12176	12177	Analog Input	1105	R	NV	kW		
Max kW- Circuit 34	34	6665		5129	UINT16	12178	12179	Analog Input	1106	R	NV	kW		
Max kW- Circuit 35	35	6666		5130	UINT16	12180	12181	Analog Input	1107	R	NV	kW		
Max kW- Circuit 36	36	6667		5131	UINT16	12182	12183	Analog Input	1108	R	NV	kW		
Max kW- Circuit 37	37	6668		5132	UINT16	12184	12185	Analog Input	1109	R	NV	kW		
Max kW- Circuit 38	38	6669		5133	UINT16	12186	12187	Analog Input	1110	R	NV	kW		
Max kW- Circuit 39	39	6670		5134	UINT16	12188	12189	Analog Input	1111	R	NV	kW		
Max kW- Circuit 40	40	6671		5135	UINT16	12190	12191	Analog Input	1112	R	NV	kW		
Max kW- Circuit 41	41	6672		5136	UINT16	12192	12193	Analog Input	1113	R	NV	kW		
Max kW- Circuit 42	42	6673		5137	UINT16	12194	12195	Analog Input	1114	R	NV	kW		
Max kW- Circuit 43	43	6674		5138	UINT16	12196	12197	Analog Input	1115	R	NV	kW		
Max kW- Circuit 44	44	6675		5139	UINT16	12198	12199	Analog Input	1116	R	NV	kW		
Max kW- Circuit 45	45	6676		5140	UINT16	12200	12201	Analog Input	1117	R	NV	kW		
Max kW- Circuit 46	46	6677		5141	UINT16	12202	12203	Analog Input	1118	R	NV	kW		
Max kW- Circuit 47	47	6678		5142	UINT16	12204	12205	Analog Input	1119	R	NV	kW		
Max kW- Circuit 48	48	6679		5143	UINT16	12206	12207	Analog Input	1120	R	NV	kW		
Max kW- Circuit 49	49	6680		5144	UINT16	12208	12209	Analog Input	1121	R	NV	kW		
Max kW- Circuit 50	50	6681		5145	UINT16	12210	12211	Analog Input	1122	R	NV	kW		
Max kW- Circuit 51	51	6682		5146	UINT16	12212	12213	Analog Input	1123	R	NV	kW		
Max kW- Circuit 52	52	6683		5147	UINT16	12214	12215	Analog Input	1124	R	NV	kW		
Max kW- Circuit 53	53	6684		5148	UINT16	12216	12217	Analog Input	1125	R	NV	kW		
Max kW- Circuit 54	54	6685		5149	UINT16	12218	12219	Analog Input	1126	R	NV	kW		
Max kW- Circuit 55	55	6686		5150	UINT16	12220	12221	Analog Input	1127	R	NV	kW		
Max kW- Circuit 56	56	6687		5151	UINT16	12222	12223	Analog Input	1128	R	NV	kW		
Max kW- Circuit 57	57	6688		5152	UINT16	12224	12225	Analog Input	1129	R	NV	kW		
Max kW- Circuit 58	58	6689		5153	UINT16	12226	12227	Analog Input	1130	R	NV	kW		
Max kW- Circuit 59	59	6690		5154	UINT16	12228	12229	Analog Input	1131	R	NV	kW		
Max kW- Circuit 60	60	6691		5155	UINT16	12230	12231	Analog Input	1132	R	NV	kW		
Max kW- Circuit 61	61	6692		5156	UINT16	12232	12233	Analog Input	1133	R	NV	kW		
Max kW- Circuit 62	62	6693		5157	UINT16	12234	12235	Analog Input	1134	R	NV	kW		
Max kW- Circuit 63	63	6694		5158	UINT16	12236	12237	Analog Input	1135	R	NV	kW		
Max kW- Circuit 64	64	6695		5159	UINT16	12238	12239	Analog Input	1136	R	NV	kW		
Max kW- Circuit 65	65	6696		5160	UINT16	12240	12241	Analog Input	1137	R	NV	kW		
Max kW- Circuit 66	66	6697		5161	UINT16	12242	12243	Analog Input	1138	R	NV	kW		
Max kW- Circuit 67	67	6698		5162	UINT16	12244	12245	Analog Input	1139	R	NV	kW		
Max kW- Circuit 68	68	6699		5163	UINT16	12246	12247	Analog Input	1140	R	NV	kW		
Max kW- Circuit 69	69	6700		5164	UINT16	12248	12249	Analog Input	1141	R	NV	kW		
Max kW- Circuit 70	70	6701		5165	UINT16	12250	12251	Analog Input	1142	R	NV	kW		
Max kW- Circuit 71	71	6702		5166	UINT16	12252	12253	Analog Input	1143	R	NV	kW		
Max kW- Circuit 72	72	6703		5167	UINT16	12254	12255	Analog Input	1144	R	NV	kW		
Max kW- Circuit 73	73	6704		5168	UINT16	12256	12257	Analog Input	1145	R	NV	kW		
Max kW- Circuit 74	74	6705		5169	UINT16	12258	12259	Analog Input	1146	R	NV	kW		
Max kW- Circuit 75	75	6706		5170	UINT16	12260	12261	Analog Input	1147	R	NV	kW		
Max kW- Circuit 76	76	6707		5171	UINT16	12262	12263	Analog Input	1148	R	NV	kW		
Max kW- Circuit 77	77	6708		5172	UINT16	12264	12265	Analog Input	1149	R	NV	kW		
Max kW- Circuit 78	78	6709		5173	UINT16	12266	12267	Analog Input	1150	R	NV	kW		
Max kW- Circuit 79	79	6710		5174	UINT16	12268	12269	Analog Input	1151	R	NV	kW		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Max kW- Circuit 80	80	6711		5175	UINT16	12270	12271	Analog Input	1152	R	NV	kW		
Max kW- Circuit 81	81	6712		5176	UINT16	12272	12273	Analog Input	1153	R	NV	kW		
Max kW- Circuit 82	82	6713		5177	UINT16	12274	12275	Analog Input	1154	R	NV	kW		
Max kW- Circuit 83	83	6714		5178	UINT16	12276	12277	Analog Input	1155	R	NV	kW		
Max kW- Circuit 84	84	6715		5179	UINT16	12278	12279	Analog Input	1156	R	NV	kW		
Max kW- Circuit 85	85	6716		5180	UINT16	12280	12281	Analog Input	1157	R	NV	kW		
Max kW- Circuit 86	86	6717		5181	UINT16	12282	12283	Analog Input	1158	R	NV	kW		
Max kW- Circuit 87	87	6718		5182	UINT16	12284	12285	Analog Input	1159	R	NV	kW		
Max kW- Circuit 88	88	6719		5183	UINT16	12286	12287	Analog Input	1160	R	NV	kW		
Max kW- Circuit 89	89	6720		5184	UINT16	12288	12289	Analog Input	1161	R	NV	kW		
Max kW- Circuit 90	90	6721		5185	UINT16	12290	12291	Analog Input	1162	R	NV	kW		
Max kW- Circuit 91	91	6722		5186	UINT16	12292	12293	Analog Input	1163	R	NV	kW		
Max kW- Circuit 92	92	6723		5187	UINT16	12294	12295	Analog Input	1164	R	NV	kW		
Max kW- Circuit 93	93	6724		5188	UINT16	12296	12297	Analog Input	1165	R	NV	kW		
Max kW- Circuit 94	94	6725		5189	UINT16	12298	12299	Analog Input	1166	R	NV	kW		
Max kW- Circuit 95	95	6726		5190	UINT16	12300	12301	Analog Input	1167	R	NV	kW		
Max kW- Circuit 96	96	6727		5191	UINT16	12302	12303	Analog Input	1168	R	NV	kW		
Current Demand		6728	6823	Current	UINT16	12304	12495	Analog Input	1169 - 1264	R		Amps		
Current Demand- Circuit 1	1	6728		5192	UINT16	12304	12305	Analog Input	1169	R		Amps		
Current Demand- Circuit 2	2	6729		5193	UINT16	12306	12307	Analog Input	1170	R		Amps		
Current Demand- Circuit 3	3	6730		5194	UINT16	12308	12309	Analog Input	1171	R		Amps		
Current Demand- Circuit 4	4	6731		5195	UINT16	12310	12311	Analog Input	1172	R		Amps		
Current Demand- Circuit 5	5	6732		5196	UINT16	12312	12313	Analog Input	1173	R		Amps		
Current Demand- Circuit 6	6	6733		5197	UINT16	12314	12315	Analog Input	1174	R		Amps		
Current Demand- Circuit 7	7	6734		5198	UINT16	12316	12317	Analog Input	1175	R		Amps		
Current Demand- Circuit 8	8	6735		5199	UINT16	12318	12319	Analog Input	1176	R		Amps		
Current Demand- Circuit 9	9	6736		5200	UINT16	12320	12321	Analog Input	1177	R		Amps		
Current Demand- Circuit 10	10	6737		5201	UINT16	12322	12323	Analog Input	1178	R		Amps		
Current Demand- Circuit 11	11	6738		5202	UINT16	12324	12325	Analog Input	1179	R		Amps		
Current Demand- Circuit 12	12	6739		5203	UINT16	12326	12327	Analog Input	1180	R		Amps		
Current Demand- Circuit 13	13	6740		5204	UINT16	12328	12329	Analog Input	1181	R		Amps		
Current Demand- Circuit 14	14	6741		5205	UINT16	12330	12331	Analog Input	1182	R		Amps		
Current Demand- Circuit 15	15	6742		5206	UINT16	12332	12333	Analog Input	1183	R		Amps		
Current Demand- Circuit 16	16	6743		5207	UINT16	12334	12335	Analog Input	1184	R		Amps		
Current Demand- Circuit 17	17	6744		5208	UINT16	12336	12337	Analog Input	1185	R		Amps		
Current Demand- Circuit 18	18	6745		5209	UINT16	12338	12339	Analog Input	1186	R		Amps		
Current Demand- Circuit 19	19	6746		5210	UINT16	12340	12341	Analog Input	1187	R		Amps		
Current Demand- Circuit 20	20	6747		5211	UINT16	12342	12343	Analog Input	1188	R		Amps		
Current Demand- Circuit 21	21	6748		5212	UINT16	12344	12345	Analog Input	1189	R		Amps		
Current Demand- Circuit 22	22	6749		5213	UINT16	12346	12347	Analog Input	1190	R		Amps		
Current Demand- Circuit 23	23	6750		5214	UINT16	12348	12349	Analog Input	1191	R		Amps		
Current Demand- Circuit 24	24	6751		5215	UINT16	12350	12351	Analog Input	1192	R		Amps		
Current Demand- Circuit 25	25	6752		5216	UINT16	12352	12353	Analog Input	1193	R		Amps		
Current Demand- Circuit 26	26	6753		5217	UINT16	12354	12355	Analog Input	1194	R		Amps		
Current Demand- Circuit 27	27	6754		5218	UINT16	12356	12357	Analog Input	1195	R		Amps		
Current Demand- Circuit 28	28	6755		5219	UINT16	12358	12359	Analog Input	1196	R		Amps		
Current Demand- Circuit 29	29	6756		5220	UINT16	12360	12361	Analog Input	1197	R		Amps		
Current Demand- Circuit 30	30	6757		5221	UINT16	12362	12363	Analog Input	1198	R		Amps		
Current Demand- Circuit 31	31	6758		5222	UINT16	12364	12365	Analog Input	1199	R		Amps		
Current Demand- Circuit 32	32	6759		5223	UINT16	12366	12367	Analog Input	1200	R		Amps		
Current Demand- Circuit 33	33	6760		5224	UINT16	12368	12369	Analog Input	1201	R		Amps		
Current Demand- Circuit 34	34	6761		5225	UINT16	12370	12371	Analog Input	1202	R		Amps		
Current Demand- Circuit 35	35	6762		5226	UINT16	12372	12373	Analog Input	1203	R		Amps		
Current Demand- Circuit 36	36	6763		5227	UINT16	12374	12375	Analog Input	1204	R		Amps		
Current Demand- Circuit 37	37	6764		5228	UINT16	12376	12377	Analog Input	1205	R		Amps		
Current Demand- Circuit 38	38	6765		5229	UINT16	12378	12379	Analog Input	1206	R		Amps		

Yellow text indicates features which are not yet implemented

R - Read
W - Write
L - Lock

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R/W/L	NV	Units	Range	Notes
Current Demand- Circuit 39	39	6766		5230	UINT16	12380	12381	Analog Input	1207	R		Amps		
Current Demand- Circuit 40	40	6767		5231	UINT16	12382	12383	Analog Input	1208	R		Amps		
Current Demand- Circuit 41	41	6768		5232	UINT16	12384	12385	Analog Input	1209	R		Amps		
Current Demand- Circuit 42	42	6769		5233	UINT16	12386	12387	Analog Input	1210	R		Amps		
Current Demand- Circuit 43	43	6770		5234	UINT16	12388	12389	Analog Input	1211	R		Amps		
Current Demand- Circuit 44	44	6771		5235	UINT16	12390	12391	Analog Input	1212	R		Amps		
Current Demand- Circuit 45	45	6772		5236	UINT16	12392	12393	Analog Input	1213	R		Amps		
Current Demand- Circuit 46	46	6773		5237	UINT16	12394	12395	Analog Input	1214	R		Amps		
Current Demand- Circuit 47	47	6774		5238	UINT16	12396	12397	Analog Input	1215	R		Amps		
Current Demand- Circuit 48	48	6775		5239	UINT16	12398	12399	Analog Input	1216	R		Amps		
Current Demand- Circuit 49	49	6776		5240	UINT16	12400	12401	Analog Input	1217	R		Amps		
Current Demand- Circuit 50	50	6777		5241	UINT16	12402	12403	Analog Input	1218	R		Amps		
Current Demand- Circuit 51	51	6778		5242	UINT16	12404	12405	Analog Input	1219	R		Amps		
Current Demand- Circuit 52	52	6779		5243	UINT16	12406	12407	Analog Input	1220	R		Amps		
Current Demand- Circuit 53	53	6780		5244	UINT16	12408	12409	Analog Input	1221	R		Amps		
Current Demand- Circuit 54	54	6781		5245	UINT16	12410	12411	Analog Input	1222	R		Amps		
Current Demand- Circuit 55	55	6782		5246	UINT16	12412	12413	Analog Input	1223	R		Amps		
Current Demand- Circuit 56	56	6783		5247	UINT16	12414	12415	Analog Input	1224	R		Amps		
Current Demand- Circuit 57	57	6784		5248	UINT16	12416	12417	Analog Input	1225	R		Amps		
Current Demand- Circuit 58	58	6785		5249	UINT16	12418	12419	Analog Input	1226	R		Amps		
Current Demand- Circuit 59	59	6786		5250	UINT16	12420	12421	Analog Input	1227	R		Amps		
Current Demand- Circuit 60	60	6787		5251	UINT16	12422	12423	Analog Input	1228	R		Amps		
Current Demand- Circuit 61	61	6788		5252	UINT16	12424	12425	Analog Input	1229	R		Amps		
Current Demand- Circuit 62	62	6789		5253	UINT16	12426	12427	Analog Input	1230	R		Amps		
Current Demand- Circuit 63	63	6790		5254	UINT16	12428	12429	Analog Input	1231	R		Amps		
Current Demand- Circuit 64	64	6791		5255	UINT16	12430	12431	Analog Input	1232	R		Amps		
Current Demand- Circuit 65	65	6792		5256	UINT16	12432	12433	Analog Input	1233	R		Amps		
Current Demand- Circuit 66	66	6793		5257	UINT16	12434	12435	Analog Input	1234	R		Amps		
Current Demand- Circuit 67	67	6794		5258	UINT16	12436	12437	Analog Input	1235	R		Amps		
Current Demand- Circuit 68	68	6795		5259	UINT16	12438	12439	Analog Input	1236	R		Amps		
Current Demand- Circuit 69	69	6796		5260	UINT16	12440	12441	Analog Input	1237	R		Amps		
Current Demand- Circuit 70	70	6797		5261	UINT16	12442	12443	Analog Input	1238	R		Amps		
Current Demand- Circuit 71	71	6798		5262	UINT16	12444	12445	Analog Input	1239	R		Amps		
Current Demand- Circuit 72	72	6799		5263	UINT16	12446	12447	Analog Input	1240	R		Amps		
Current Demand- Circuit 73	73	6800		5264	UINT16	12448	12449	Analog Input	1241	R		Amps		
Current Demand- Circuit 74	74	6801		5265	UINT16	12450	12451	Analog Input	1242	R		Amps		
Current Demand- Circuit 75	75	6802		5266	UINT16	12452	12453	Analog Input	1243	R		Amps		
Current Demand- Circuit 76	76	6803		5267	UINT16	12454	12455	Analog Input	1244	R		Amps		
Current Demand- Circuit 77	77	6804		5268	UINT16	12456	12457	Analog Input	1245	R		Amps		
Current Demand- Circuit 78	78	6805		5269	UINT16	12458	12459	Analog Input	1246	R		Amps		
Current Demand- Circuit 79	79	6806		5270	UINT16	12460	12461	Analog Input	1247	R		Amps		
Current Demand- Circuit 80	80	6807		5271	UINT16	12462	12463	Analog Input	1248	R		Amps		
Current Demand- Circuit 81	81	6808		5272	UINT16	12464	12465	Analog Input	1249	R		Amps		
Current Demand- Circuit 82	82	6809		5273	UINT16	12466	12467	Analog Input	1250	R		Amps		
Current Demand- Circuit 83	83	6810		5274	UINT16	12468	12469	Analog Input	1251	R		Amps		
Current Demand- Circuit 84	84	6811		5275	UINT16	12470	12471	Analog Input	1252	R		Amps		
Current Demand- Circuit 85	85	6812		5276	UINT16	12472	12473	Analog Input	1253	R		Amps		
Current Demand- Circuit 86	86	6813		5277	UINT16	12474	12475	Analog Input	1254	R		Amps		
Current Demand- Circuit 87	87	6814		5278	UINT16	12476	12477	Analog Input	1255	R		Amps		
Current Demand- Circuit 88	88	6815		5279	UINT16	12478	12479	Analog Input	1256	R		Amps		
Current Demand- Circuit 89	89	6816		5280	UINT16	12480	12481	Analog Input	1257	R		Amps		
Current Demand- Circuit 90	90	6817		5281	UINT16	12482	12483	Analog Input	1258	R		Amps		
Current Demand- Circuit 91	91	6818		5282	UINT16	12484	12485	Analog Input	1259	R		Amps		
Current Demand- Circuit 92	92	6819		5283	UINT16	12486	12487	Analog Input	1260	R		Amps		
Current Demand- Circuit 93	93	6820		5284	UINT16	12488	12489	Analog Input	1261	R		Amps		
Current Demand- Circuit 94	94	6821		5285	UINT16	12490	12491	Analog Input	1262	R		Amps		
Current Demand- Circuit 95	95	6822		5286	UINT16	12492	12493	Analog Input	1263	R		Amps		
Current Demand- Circuit 96	96	6823		5287	UINT16	12494	12495	Analog Input	1264	R		Amps		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
kW Demand		6824	6919	Power	UINT16	12496	12687	Analog Input	1265 - 1360	R		kW		
kW Demand- Circuit 1	1	6824		5096	UINT16	12496	12497	Analog Input	1265	R		kW		
kW Demand- Circuit 2	2	6825		5097	UINT16	12498	12499	Analog Input	1266	R		kW		
kW Demand- Circuit 3	3	6826		5098	UINT16	12500	12501	Analog Input	1267	R		kW		
kW Demand- Circuit 4	4	6827		5099	UINT16	12502	12503	Analog Input	1268	R		kW		
kW Demand- Circuit 5	5	6828		5100	UINT16	12504	12505	Analog Input	1269	R		kW		
kW Demand- Circuit 6	6	6829		5101	UINT16	12506	12507	Analog Input	1270	R		kW		
kW Demand- Circuit 7	7	6830		5102	UINT16	12508	12509	Analog Input	1271	R		kW		
kW Demand- Circuit 8	8	6831		5103	UINT16	12510	12511	Analog Input	1272	R		kW		
kW Demand- Circuit 9	9	6832		5104	UINT16	12512	12513	Analog Input	1273	R		kW		
kW Demand- Circuit 10	10	6833		5105	UINT16	12514	12515	Analog Input	1274	R		kW		
kW Demand- Circuit 11	11	6834		5106	UINT16	12516	12517	Analog Input	1275	R		kW		
kW Demand- Circuit 12	12	6835		5107	UINT16	12518	12519	Analog Input	1276	R		kW		
kW Demand- Circuit 13	13	6836		5108	UINT16	12520	12521	Analog Input	1277	R		kW		
kW Demand- Circuit 14	14	6837		5109	UINT16	12522	12523	Analog Input	1278	R		kW		
kW Demand- Circuit 15	15	6838		5110	UINT16	12524	12525	Analog Input	1279	R		kW		
kW Demand- Circuit 16	16	6839		5111	UINT16	12526	12527	Analog Input	1280	R		kW		
kW Demand- Circuit 17	17	6840		5112	UINT16	12528	12529	Analog Input	1281	R		kW		
kW Demand- Circuit 18	18	6841		5113	UINT16	12530	12531	Analog Input	1282	R		kW		
kW Demand- Circuit 19	19	6842		5114	UINT16	12532	12533	Analog Input	1283	R		kW		
kW Demand- Circuit 20	20	6843		5115	UINT16	12534	12535	Analog Input	1284	R		kW		
kW Demand- Circuit 21	21	6844		5116	UINT16	12536	12537	Analog Input	1285	R		kW		
kW Demand- Circuit 22	22	6845		5117	UINT16	12538	12539	Analog Input	1286	R		kW		
kW Demand- Circuit 23	23	6846		5118	UINT16	12540	12541	Analog Input	1287	R		kW		
kW Demand- Circuit 24	24	6847		5119	UINT16	12542	12543	Analog Input	1288	R		kW		
kW Demand- Circuit 25	25	6848		5120	UINT16	12544	12545	Analog Input	1289	R		kW		
kW Demand- Circuit 26	26	6849		5121	UINT16	12546	12547	Analog Input	1290	R		kW		
kW Demand- Circuit 27	27	6850		5122	UINT16	12548	12549	Analog Input	1291	R		kW		
kW Demand- Circuit 28	28	6851		5123	UINT16	12550	12551	Analog Input	1292	R		kW		
kW Demand- Circuit 29	29	6852		5124	UINT16	12552	12553	Analog Input	1293	R		kW		
kW Demand- Circuit 30	30	6853		5125	UINT16	12554	12555	Analog Input	1294	R		kW		
kW Demand- Circuit 31	31	6854		5126	UINT16	12556	12557	Analog Input	1295	R		kW		
kW Demand- Circuit 32	32	6855		5127	UINT16	12558	12559	Analog Input	1296	R		kW		
kW Demand- Circuit 33	33	6856		5128	UINT16	12560	12561	Analog Input	1297	R		kW		
kW Demand- Circuit 34	34	6857		5129	UINT16	12562	12563	Analog Input	1298	R		kW		
kW Demand- Circuit 35	35	6858		5130	UINT16	12564	12565	Analog Input	1299	R		kW		
kW Demand- Circuit 36	36	6859		5131	UINT16	12566	12567	Analog Input	1300	R		kW		
kW Demand- Circuit 37	37	6860		5132	UINT16	12568	12569	Analog Input	1301	R		kW		
kW Demand- Circuit 38	38	6861		5133	UINT16	12570	12571	Analog Input	1302	R		kW		
kW Demand- Circuit 39	39	6862		5134	UINT16	12572	12573	Analog Input	1303	R		kW		
kW Demand- Circuit 40	40	6863		5135	UINT16	12574	12575	Analog Input	1304	R		kW		
kW Demand- Circuit 41	41	6864		5136	UINT16	12576	12577	Analog Input	1305	R		kW		
kW Demand- Circuit 42	42	6865		5137	UINT16	12578	12579	Analog Input	1306	R		kW		
kW Demand- Circuit 43	43	6866		5138	UINT16	12580	12581	Analog Input	1307	R		kW		
kW Demand- Circuit 44	44	6867		5139	UINT16	12582	12583	Analog Input	1308	R		kW		
kW Demand- Circuit 45	45	6868		5140	UINT16	12584	12585	Analog Input	1309	R		kW		
kW Demand- Circuit 46	46	6869		5141	UINT16	12586	12587	Analog Input	1310	R		kW		
kW Demand- Circuit 47	47	6870		5142	UINT16	12588	12589	Analog Input	1311	R		kW		
kW Demand- Circuit 48	48	6871		5143	UINT16	12590	12591	Analog Input	1312	R		kW		
kW Demand- Circuit 49	49	6872		5144	UINT16	12592	12593	Analog Input	1313	R		kW		
kW Demand- Circuit 50	50	6873		5145	UINT16	12594	12595	Analog Input	1314	R		kW		
kW Demand- Circuit 51	51	6874		5146	UINT16	12596	12597	Analog Input	1315	R		kW		
kW Demand- Circuit 52	52	6875		5147	UINT16	12598	12599	Analog Input	1316	R		kW		
kW Demand- Circuit 53	53	6876		5148	UINT16	12600	12601	Analog Input	1317	R		kW		
kW Demand- Circuit 54	54	6877		5149	UINT16	12602	12603	Analog Input	1318	R		kW		
kW Demand- Circuit 55	55	6878		5150	UINT16	12604	12605	Analog Input	1319	R		kW		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
kW Demand- Circuit 56	56	6879		5151	UINT16	12606	12607	Analog Input	1320	R		kW		
kW Demand- Circuit 57	57	6880		5152	UINT16	12608	12609	Analog Input	1321	R		kW		
kW Demand- Circuit 58	58	6881		5153	UINT16	12610	12611	Analog Input	1322	R		kW		
kW Demand- Circuit 59	59	6882		5154	UINT16	12612	12613	Analog Input	1323	R		kW		
kW Demand- Circuit 60	60	6883		5155	UINT16	12614	12615	Analog Input	1324	R		kW		
kW Demand- Circuit 61	61	6884		5156	UINT16	12616	12617	Analog Input	1325	R		kW		
kW Demand- Circuit 62	62	6885		5157	UINT16	12618	12619	Analog Input	1326	R		kW		
kW Demand- Circuit 63	63	6886		5158	UINT16	12620	12621	Analog Input	1327	R		kW		
kW Demand- Circuit 64	64	6887		5159	UINT16	12622	12623	Analog Input	1328	R		kW		
kW Demand- Circuit 65	65	6888		5160	UINT16	12624	12625	Analog Input	1329	R		kW		
kW Demand- Circuit 66	66	6889		5161	UINT16	12626	12627	Analog Input	1330	R		kW		
kW Demand- Circuit 67	67	6890		5162	UINT16	12628	12629	Analog Input	1331	R		kW		
kW Demand- Circuit 68	68	6891		5163	UINT16	12630	12631	Analog Input	1332	R		kW		
kW Demand- Circuit 69	69	6892		5164	UINT16	12632	12633	Analog Input	1333	R		kW		
kW Demand- Circuit 70	70	6893		5165	UINT16	12634	12635	Analog Input	1334	R		kW		
kW Demand- Circuit 71	71	6894		5166	UINT16	12636	12637	Analog Input	1335	R		kW		
kW Demand- Circuit 72	72	6895		5167	UINT16	12638	12639	Analog Input	1336	R		kW		
kW Demand- Circuit 73	73	6896		5168	UINT16	12640	12641	Analog Input	1337	R		kW		
kW Demand- Circuit 74	74	6897		5169	UINT16	12642	12643	Analog Input	1338	R		kW		
kW Demand- Circuit 75	75	6898		5170	UINT16	12644	12645	Analog Input	1339	R		kW		
kW Demand- Circuit 76	76	6899		5171	UINT16	12646	12647	Analog Input	1340	R		kW		
kW Demand- Circuit 77	77	6900		5172	UINT16	12648	12649	Analog Input	1341	R		kW		
kW Demand- Circuit 78	78	6901		5173	UINT16	12650	12651	Analog Input	1342	R		kW		
kW Demand- Circuit 79	79	6902		5174	UINT16	12652	12653	Analog Input	1343	R		kW		
kW Demand- Circuit 80	80	6903		5175	UINT16	12654	12655	Analog Input	1344	R		kW		
kW Demand- Circuit 81	81	6904		5176	UINT16	12656	12657	Analog Input	1345	R		kW		
kW Demand- Circuit 82	82	6905		5177	UINT16	12658	12659	Analog Input	1346	R		kW		
kW Demand- Circuit 83	83	6906		5178	UINT16	12660	12661	Analog Input	1347	R		kW		
kW Demand- Circuit 84	84	6907		5179	UINT16	12662	12663	Analog Input	1348	R		kW		
kW Demand- Circuit 85	85	6908		5180	UINT16	12664	12665	Analog Input	1349	R		kW		
kW Demand- Circuit 86	86	6909		5181	UINT16	12666	12667	Analog Input	1350	R		kW		
kW Demand- Circuit 87	87	6910		5182	UINT16	12668	12669	Analog Input	1351	R		kW		
kW Demand- Circuit 88	88	6911		5183	UINT16	12670	12671	Analog Input	1352	R		kW		
kW Demand- Circuit 89	89	6912		5184	UINT16	12672	12673	Analog Input	1353	R		kW		
kW Demand- Circuit 90	90	6913		5185	UINT16	12674	12675	Analog Input	1354	R		kW		
kW Demand- Circuit 91	91	6914		5186	UINT16	12676	12677	Analog Input	1355	R		kW		
kW Demand- Circuit 92	92	6915		5187	UINT16	12678	12679	Analog Input	1356	R		kW		
kW Demand- Circuit 93	93	6916		5188	UINT16	12680	12681	Analog Input	1357	R		kW		
kW Demand- Circuit 94	94	6917		5189	UINT16	12682	12683	Analog Input	1358	R		kW		
kW Demand- Circuit 95	95	6918		5190	UINT16	12684	12685	Analog Input	1359	R		kW		
kW Demand- Circuit 96	96	6919		5191	UINT16	12686	12687	Analog Input	1360	R		kW		
Max Current Demand		6920	7015	Current	UINT16	12688	12879	Analog Input	1361 - 1456	R	NV	Amps		
Max Current Demand - Circuit 1	1	6920		5192	UINT16	12688	12689	Analog Input	1361	R	NV	Amps		
Max Current Demand - Circuit 2	2	6921		5193	UINT16	12690	12691	Analog Input	1362	R	NV	Amps		
Max Current Demand - Circuit 3	3	6922		5194	UINT16	12692	12693	Analog Input	1363	R	NV	Amps		
Max Current Demand - Circuit 4	4	6923		5195	UINT16	12694	12695	Analog Input	1364	R	NV	Amps		
Max Current Demand - Circuit 5	5	6924		5196	UINT16	12696	12697	Analog Input	1365	R	NV	Amps		
Max Current Demand - Circuit 6	6	6925		5197	UINT16	12698	12699	Analog Input	1366	R	NV	Amps		
Max Current Demand - Circuit 7	7	6926		5198	UINT16	12700	12701	Analog Input	1367	R	NV	Amps		
Max Current Demand - Circuit 8	8	6927		5199	UINT16	12702	12703	Analog Input	1368	R	NV	Amps		
Max Current Demand - Circuit 9	9	6928		5200	UINT16	12704	12705	Analog Input	1369	R	NV	Amps		
Max Current Demand - Circuit 10	10	6929		5201	UINT16	12706	12707	Analog Input	1370	R	NV	Amps		
Max Current Demand - Circuit 11	11	6930		5202	UINT16	12708	12709	Analog Input	1371	R	NV	Amps		
Max Current Demand - Circuit 12	12	6931		5203	UINT16	12710	12711	Analog Input	1372	R	NV	Amps		
Max Current Demand - Circuit 13	13	6932		5204	UINT16	12712	12713	Analog Input	1373	R	NV	Amps		
Max Current Demand - Circuit 14	14	6933		5205	UINT16	12714	12715	Analog Input	1374	R	NV	Amps		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Max Current Demand - Circuit 15	15	6934		5206	UINT16	12716	12717	Analog Input	1375	R	NV	Amps		
Max Current Demand - Circuit 16	16	6935		5207	UINT16	12718	12719	Analog Input	1376	R	NV	Amps		
Max Current Demand - Circuit 17	17	6936		5208	UINT16	12720	12721	Analog Input	1377	R	NV	Amps		
Max Current Demand - Circuit 18	18	6937		5209	UINT16	12722	12723	Analog Input	1378	R	NV	Amps		
Max Current Demand - Circuit 19	19	6938		5210	UINT16	12724	12725	Analog Input	1379	R	NV	Amps		
Max Current Demand - Circuit 20	20	6939		5211	UINT16	12726	12727	Analog Input	1380	R	NV	Amps		
Max Current Demand - Circuit 21	21	6940		5212	UINT16	12728	12729	Analog Input	1381	R	NV	Amps		
Max Current Demand - Circuit 22	22	6941		5213	UINT16	12730	12731	Analog Input	1382	R	NV	Amps		
Max Current Demand - Circuit 23	23	6942		5214	UINT16	12732	12733	Analog Input	1383	R	NV	Amps		
Max Current Demand - Circuit 24	24	6943		5215	UINT16	12734	12735	Analog Input	1384	R	NV	Amps		
Max Current Demand - Circuit 25	25	6944		5216	UINT16	12736	12737	Analog Input	1385	R	NV	Amps		
Max Current Demand - Circuit 26	26	6945		5217	UINT16	12738	12739	Analog Input	1386	R	NV	Amps		
Max Current Demand - Circuit 27	27	6946		5218	UINT16	12740	12741	Analog Input	1387	R	NV	Amps		
Max Current Demand - Circuit 28	28	6947		5219	UINT16	12742	12743	Analog Input	1388	R	NV	Amps		
Max Current Demand - Circuit 29	29	6948		5220	UINT16	12744	12745	Analog Input	1389	R	NV	Amps		
Max Current Demand - Circuit 30	30	6949		5221	UINT16	12746	12747	Analog Input	1390	R	NV	Amps		
Max Current Demand - Circuit 31	31	6950		5222	UINT16	12748	12749	Analog Input	1391	R	NV	Amps		
Max Current Demand - Circuit 32	32	6951		5223	UINT16	12750	12751	Analog Input	1392	R	NV	Amps		
Max Current Demand - Circuit 33	33	6952		5224	UINT16	12752	12753	Analog Input	1393	R	NV	Amps		
Max Current Demand - Circuit 34	34	6953		5225	UINT16	12754	12755	Analog Input	1394	R	NV	Amps		
Max Current Demand - Circuit 35	35	6954		5226	UINT16	12756	12757	Analog Input	1395	R	NV	Amps		
Max Current Demand - Circuit 36	36	6955		5227	UINT16	12758	12759	Analog Input	1396	R	NV	Amps		
Max Current Demand - Circuit 37	37	6956		5228	UINT16	12760	12761	Analog Input	1397	R	NV	Amps		
Max Current Demand - Circuit 38	38	6957		5229	UINT16	12762	12763	Analog Input	1398	R	NV	Amps		
Max Current Demand - Circuit 39	39	6958		5230	UINT16	12764	12765	Analog Input	1399	R	NV	Amps		
Max Current Demand - Circuit 40	40	6959		5231	UINT16	12766	12767	Analog Input	1400	R	NV	Amps		
Max Current Demand - Circuit 41	41	6960		5232	UINT16	12768	12769	Analog Input	1401	R	NV	Amps		
Max Current Demand - Circuit 42	42	6961		5233	UINT16	12770	12771	Analog Input	1402	R	NV	Amps		
Max Current Demand - Circuit 43	43	6962		5234	UINT16	12772	12773	Analog Input	1403	R	NV	Amps		
Max Current Demand - Circuit 44	44	6963		5235	UINT16	12774	12775	Analog Input	1404	R	NV	Amps		
Max Current Demand - Circuit 45	45	6964		5236	UINT16	12776	12777	Analog Input	1405	R	NV	Amps		
Max Current Demand - Circuit 46	46	6965		5237	UINT16	12778	12779	Analog Input	1406	R	NV	Amps		
Max Current Demand - Circuit 47	47	6966		5238	UINT16	12780	12781	Analog Input	1407	R	NV	Amps		
Max Current Demand - Circuit 48	48	6967		5239	UINT16	12782	12783	Analog Input	1408	R	NV	Amps		
Max Current Demand - Circuit 49	49	6968		5240	UINT16	12784	12785	Analog Input	1409	R	NV	Amps		
Max Current Demand - Circuit 50	50	6969		5241	UINT16	12786	12787	Analog Input	1410	R	NV	Amps		
Max Current Demand - Circuit 51	51	6970		5242	UINT16	12788	12789	Analog Input	1411	R	NV	Amps		
Max Current Demand - Circuit 52	52	6971		5243	UINT16	12790	12791	Analog Input	1412	R	NV	Amps		
Max Current Demand - Circuit 53	53	6972		5244	UINT16	12792	12793	Analog Input	1413	R	NV	Amps		
Max Current Demand - Circuit 54	54	6973		5245	UINT16	12794	12795	Analog Input	1414	R	NV	Amps		
Max Current Demand - Circuit 55	55	6974		5246	UINT16	12796	12797	Analog Input	1415	R	NV	Amps		
Max Current Demand - Circuit 56	56	6975		5247	UINT16	12798	12799	Analog Input	1416	R	NV	Amps		
Max Current Demand - Circuit 57	57	6976		5248	UINT16	12800	12801	Analog Input	1417	R	NV	Amps		
Max Current Demand - Circuit 58	58	6977		5249	UINT16	12802	12803	Analog Input	1418	R	NV	Amps		
Max Current Demand - Circuit 59	59	6978		5250	UINT16	12804	12805	Analog Input	1419	R	NV	Amps		
Max Current Demand - Circuit 60	60	6979		5251	UINT16	12806	12807	Analog Input	1420	R	NV	Amps		
Max Current Demand - Circuit 61	61	6980		5252	UINT16	12808	12809	Analog Input	1421	R	NV	Amps		
Max Current Demand - Circuit 62	62	6981		5253	UINT16	12810	12811	Analog Input	1422	R	NV	Amps		
Max Current Demand - Circuit 63	63	6982		5254	UINT16	12812	12813	Analog Input	1423	R	NV	Amps		
Max Current Demand - Circuit 64	64	6983		5255	UINT16	12814	12815	Analog Input	1424	R	NV	Amps		
Max Current Demand - Circuit 65	65	6984		5256	UINT16	12816	12817	Analog Input	1425	R	NV	Amps		
Max Current Demand - Circuit 66	66	6985		5257	UINT16	12818	12819	Analog Input	1426	R	NV	Amps		
Max Current Demand - Circuit 67	67	6986		5258	UINT16	12820	12821	Analog Input	1427	R	NV	Amps		
Max Current Demand - Circuit 68	68	6987		5259	UINT16	12822	12823	Analog Input	1428	R	NV	Amps		
Max Current Demand - Circuit 69	69	6988		5260	UINT16	12824	12825	Analog Input	1429	R	NV	Amps		
Max Current Demand - Circuit 70	70	6989		5261	UINT16	12826	12827	Analog Input	1430	R	NV	Amps		
Max Current Demand - Circuit 71	71	6990		5262	UINT16	12828	12829	Analog Input	1431	R	NV	Amps		
Max Current Demand - Circuit 72	72	6991		5263	UINT16	12830	12831	Analog Input	1432	R	NV	Amps		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Max Current Demand - Circuit 73	73	6992		5264	UINT16	12832	12833	Analog Input	1433	R	NV	Amps		
Max Current Demand - Circuit 74	74	6993		5265	UINT16	12834	12835	Analog Input	1434	R	NV	Amps		
Max Current Demand - Circuit 75	75	6994		5266	UINT16	12836	12837	Analog Input	1435	R	NV	Amps		
Max Current Demand - Circuit 76	76	6995		5267	UINT16	12838	12839	Analog Input	1436	R	NV	Amps		
Max Current Demand - Circuit 77	77	6996		5268	UINT16	12840	12841	Analog Input	1437	R	NV	Amps		
Max Current Demand - Circuit 78	78	6997		5269	UINT16	12842	12843	Analog Input	1438	R	NV	Amps		
Max Current Demand - Circuit 79	79	6998		5270	UINT16	12844	12845	Analog Input	1439	R	NV	Amps		
Max Current Demand - Circuit 80	80	6999		5271	UINT16	12846	12847	Analog Input	1440	R	NV	Amps		
Max Current Demand - Circuit 81	81	7000		5272	UINT16	12848	12849	Analog Input	1441	R	NV	Amps		
Max Current Demand - Circuit 82	82	7001		5273	UINT16	12850	12851	Analog Input	1442	R	NV	Amps		
Max Current Demand - Circuit 83	83	7002		5274	UINT16	12852	12853	Analog Input	1443	R	NV	Amps		
Max Current Demand - Circuit 84	84	7003		5275	UINT16	12854	12855	Analog Input	1444	R	NV	Amps		
Max Current Demand - Circuit 85	85	7004		5276	UINT16	12856	12857	Analog Input	1445	R	NV	Amps		
Max Current Demand - Circuit 86	86	7005		5277	UINT16	12858	12859	Analog Input	1446	R	NV	Amps		
Max Current Demand - Circuit 87	87	7006		5278	UINT16	12860	12861	Analog Input	1447	R	NV	Amps		
Max Current Demand - Circuit 88	88	7007		5279	UINT16	12862	12863	Analog Input	1448	R	NV	Amps		
Max Current Demand - Circuit 89	89	7008		5280	UINT16	12864	12865	Analog Input	1449	R	NV	Amps		
Max Current Demand - Circuit 90	90	7009		5281	UINT16	12866	12867	Analog Input	1450	R	NV	Amps		
Max Current Demand - Circuit 91	91	7010		5282	UINT16	12868	12869	Analog Input	1451	R	NV	Amps		
Max Current Demand - Circuit 92	92	7011		5283	UINT16	12870	12871	Analog Input	1452	R	NV	Amps		
Max Current Demand - Circuit 93	93	7012		5284	UINT16	12872	12873	Analog Input	1453	R	NV	Amps		
Max Current Demand - Circuit 94	94	7013		5285	UINT16	12874	12875	Analog Input	1454	R	NV	Amps		
Max Current Demand - Circuit 95	95	7014		5286	UINT16	12876	12877	Analog Input	1455	R	NV	Amps		
Max Current Demand - Circuit 96	96	7015		5287	UINT16	12878	12879	Analog Input	1456	R	NV	Amps		
Max kW Demand		7016	7111	Power	UINT16	12880	13071	Analog Input	1457 - 1552	R	NV	kW		
Max kW Demand - Circuit 1	1	7016		5096	UINT16	12880	12881	Analog Input	1457	R	NV	kW		
Max kW Demand - Circuit 2	2	7017		5097	UINT16	12882	12883	Analog Input	1458	R	NV	kW		
Max kW Demand - Circuit 3	3	7018		5098	UINT16	12884	12885	Analog Input	1459	R	NV	kW		
Max kW Demand - Circuit 4	4	7019		5099	UINT16	12886	12887	Analog Input	1460	R	NV	kW		
Max kW Demand - Circuit 5	5	7020		5100	UINT16	12888	12889	Analog Input	1461	R	NV	kW		
Max kW Demand - Circuit 6	6	7021		5101	UINT16	12890	12891	Analog Input	1462	R	NV	kW		
Max kW Demand - Circuit 7	7	7022		5102	UINT16	12892	12893	Analog Input	1463	R	NV	kW		
Max kW Demand - Circuit 8	8	7023		5103	UINT16	12894	12895	Analog Input	1464	R	NV	kW		
Max kW Demand - Circuit 9	9	7024		5104	UINT16	12896	12897	Analog Input	1465	R	NV	kW		
Max kW Demand - Circuit 10	10	7025		5105	UINT16	12898	12899	Analog Input	1466	R	NV	kW		
Max kW Demand - Circuit 11	11	7026		5106	UINT16	12900	12901	Analog Input	1467	R	NV	kW		
Max kW Demand - Circuit 12	12	7027		5107	UINT16	12902	12903	Analog Input	1468	R	NV	kW		
Max kW Demand - Circuit 13	13	7028		5108	UINT16	12904	12905	Analog Input	1469	R	NV	kW		
Max kW Demand - Circuit 14	14	7029		5109	UINT16	12906	12907	Analog Input	1470	R	NV	kW		
Max kW Demand - Circuit 15	15	7030		5110	UINT16	12908	12909	Analog Input	1471	R	NV	kW		
Max kW Demand - Circuit 16	16	7031		5111	UINT16	12910	12911	Analog Input	1472	R	NV	kW		
Max kW Demand - Circuit 17	17	7032		5112	UINT16	12912	12913	Analog Input	1473	R	NV	kW		
Max kW Demand - Circuit 18	18	7033		5113	UINT16	12914	12915	Analog Input	1474	R	NV	kW		
Max kW Demand - Circuit 19	19	7034		5114	UINT16	12916	12917	Analog Input	1475	R	NV	kW		
Max kW Demand - Circuit 20	20	7035		5115	UINT16	12918	12919	Analog Input	1476	R	NV	kW		
Max kW Demand - Circuit 21	21	7036		5116	UINT16	12920	12921	Analog Input	1477	R	NV	kW		
Max kW Demand - Circuit 22	22	7037		5117	UINT16	12922	12923	Analog Input	1478	R	NV	kW		
Max kW Demand - Circuit 23	23	7038		5118	UINT16	12924	12925	Analog Input	1479	R	NV	kW		
Max kW Demand - Circuit 24	24	7039		5119	UINT16	12926	12927	Analog Input	1480	R	NV	kW		
Max kW Demand - Circuit 25	25	7040		5120	UINT16	12928	12929	Analog Input	1481	R	NV	kW		
Max kW Demand - Circuit 26	26	7041		5121	UINT16	12930	12931	Analog Input	1482	R	NV	kW		
Max kW Demand - Circuit 27	27	7042		5122	UINT16	12932	12933	Analog Input	1483	R	NV	kW		
Max kW Demand - Circuit 28	28	7043		5123	UINT16	12934	12935	Analog Input	1484	R	NV	kW		
Max kW Demand - Circuit 29	29	7044		5124	UINT16	12936	12937	Analog Input	1485	R	NV	kW		
Max kW Demand - Circuit 30	30	7045		5125	UINT16	12938	12939	Analog Input	1486	R	NV	kW		
Max kW Demand - Circuit 31	31	7046		5126	UINT16	12940	12941	Analog Input	1487	R	NV	kW		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Max kW Demand - Circuit 32	32	7047		5127	UINT16	12942	12943	Analog Input	1488	R	NV	kW		
Max kW Demand - Circuit 33	33	7048		5128	UINT16	12944	12945	Analog Input	1489	R	NV	kW		
Max kW Demand - Circuit 34	34	7049		5129	UINT16	12946	12947	Analog Input	1490	R	NV	kW		
Max kW Demand - Circuit 35	35	7050		5130	UINT16	12948	12949	Analog Input	1491	R	NV	kW		
Max kW Demand - Circuit 36	36	7051		5131	UINT16	12950	12951	Analog Input	1492	R	NV	kW		
Max kW Demand - Circuit 37	37	7052		5132	UINT16	12952	12953	Analog Input	1493	R	NV	kW		
Max kW Demand - Circuit 38	38	7053		5133	UINT16	12954	12955	Analog Input	1494	R	NV	kW		
Max kW Demand - Circuit 39	39	7054		5134	UINT16	12956	12957	Analog Input	1495	R	NV	kW		
Max kW Demand - Circuit 40	40	7055		5135	UINT16	12958	12959	Analog Input	1496	R	NV	kW		
Max kW Demand - Circuit 41	41	7056		5136	UINT16	12960	12961	Analog Input	1497	R	NV	kW		
Max kW Demand - Circuit 42	42	7057		5137	UINT16	12962	12963	Analog Input	1498	R	NV	kW		
Max kW Demand - Circuit 43	43	7058		5138	UINT16	12964	12965	Analog Input	1499	R	NV	kW		
Max kW Demand - Circuit 44	44	7059		5139	UINT16	12966	12967	Analog Input	1500	R	NV	kW		
Max kW Demand - Circuit 45	45	7060		5140	UINT16	12968	12969	Analog Input	1501	R	NV	kW		
Max kW Demand - Circuit 46	46	7061		5141	UINT16	12970	12971	Analog Input	1502	R	NV	kW		
Max kW Demand - Circuit 47	47	7062		5142	UINT16	12972	12973	Analog Input	1503	R	NV	kW		
Max kW Demand - Circuit 48	48	7063		5143	UINT16	12974	12975	Analog Input	1504	R	NV	kW		
Max kW Demand - Circuit 49	49	7064		5144	UINT16	12976	12977	Analog Input	1505	R	NV	kW		
Max kW Demand - Circuit 50	50	7065		5145	UINT16	12978	12979	Analog Input	1506	R	NV	kW		
Max kW Demand - Circuit 51	51	7066		5146	UINT16	12980	12981	Analog Input	1507	R	NV	kW		
Max kW Demand - Circuit 52	52	7067		5147	UINT16	12982	12983	Analog Input	1508	R	NV	kW		
Max kW Demand - Circuit 53	53	7068		5148	UINT16	12984	12985	Analog Input	1509	R	NV	kW		
Max kW Demand - Circuit 54	54	7069		5149	UINT16	12986	12987	Analog Input	1510	R	NV	kW		
Max kW Demand - Circuit 55	55	7070		5150	UINT16	12988	12989	Analog Input	1511	R	NV	kW		
Max kW Demand - Circuit 56	56	7071		5151	UINT16	12990	12991	Analog Input	1512	R	NV	kW		
Max kW Demand - Circuit 57	57	7072		5152	UINT16	12992	12993	Analog Input	1513	R	NV	kW		
Max kW Demand - Circuit 58	58	7073		5153	UINT16	12994	12995	Analog Input	1514	R	NV	kW		
Max kW Demand - Circuit 59	59	7074		5154	UINT16	12996	12997	Analog Input	1515	R	NV	kW		
Max kW Demand - Circuit 60	60	7075		5155	UINT16	12998	12999	Analog Input	1516	R	NV	kW		
Max kW Demand - Circuit 61	61	7076		5156	UINT16	13000	13001	Analog Input	1517	R	NV	kW		
Max kW Demand - Circuit 62	62	7077		5157	UINT16	13002	13003	Analog Input	1518	R	NV	kW		
Max kW Demand - Circuit 63	63	7078		5158	UINT16	13004	13005	Analog Input	1519	R	NV	kW		
Max kW Demand - Circuit 64	64	7079		5159	UINT16	13006	13007	Analog Input	1520	R	NV	kW		
Max kW Demand - Circuit 65	65	7080		5160	UINT16	13008	13009	Analog Input	1521	R	NV	kW		
Max kW Demand - Circuit 66	66	7081		5161	UINT16	13010	13011	Analog Input	1522	R	NV	kW		
Max kW Demand - Circuit 67	67	7082		5162	UINT16	13012	13013	Analog Input	1523	R	NV	kW		
Max kW Demand - Circuit 68	68	7083		5163	UINT16	13014	13015	Analog Input	1524	R	NV	kW		
Max kW Demand - Circuit 69	69	7084		5164	UINT16	13016	13017	Analog Input	1525	R	NV	kW		
Max kW Demand - Circuit 70	70	7085		5165	UINT16	13018	13019	Analog Input	1526	R	NV	kW		
Max kW Demand - Circuit 71	71	7086		5166	UINT16	13020	13021	Analog Input	1527	R	NV	kW		
Max kW Demand - Circuit 72	72	7087		5167	UINT16	13022	13023	Analog Input	1528	R	NV	kW		
Max kW Demand - Circuit 73	73	7088		5168	UINT16	13024	13025	Analog Input	1529	R	NV	kW		
Max kW Demand - Circuit 74	74	7089		5169	UINT16	13026	13027	Analog Input	1530	R	NV	kW		
Max kW Demand - Circuit 75	75	7090		5170	UINT16	13028	13029	Analog Input	1531	R	NV	kW		
Max kW Demand - Circuit 76	76	7091		5171	UINT16	13030	13031	Analog Input	1532	R	NV	kW		
Max kW Demand - Circuit 77	77	7092		5172	UINT16	13032	13033	Analog Input	1533	R	NV	kW		
Max kW Demand - Circuit 78	78	7093		5173	UINT16	13034	13035	Analog Input	1534	R	NV	kW		
Max kW Demand - Circuit 79	79	7094		5174	UINT16	13036	13037	Analog Input	1535	R	NV	kW		
Max kW Demand - Circuit 80	80	7095		5175	UINT16	13038	13039	Analog Input	1536	R	NV	kW		
Max kW Demand - Circuit 81	81	7096		5176	UINT16	13040	13041	Analog Input	1537	R	NV	kW		
Max kW Demand - Circuit 82	82	7097		5177	UINT16	13042	13043	Analog Input	1538	R	NV	kW		
Max kW Demand - Circuit 83	83	7098		5178	UINT16	13044	13045	Analog Input	1539	R	NV	kW		
Max kW Demand - Circuit 84	84	7099		5179	UINT16	13046	13047	Analog Input	1540	R	NV	kW		
Max kW Demand - Circuit 85	85	7100		5180	UINT16	13048	13049	Analog Input	1541	R	NV	kW		
Max kW Demand - Circuit 86	86	7101		5181	UINT16	13050	13051	Analog Input	1542	R	NV	kW		
Max kW Demand - Circuit 87	87	7102		5182	UINT16	13052	13053	Analog Input	1543	R	NV	kW		
Max kW Demand - Circuit 88	88	7103		5183	UINT16	13054	13055	Analog Input	1544	R	NV	kW		
Max kW Demand - Circuit 89	89	7104		5184	UINT16	13056	13057	Analog Input	1545	R	NV	kW		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Max kW Demand - Circuit 90	90	7105		5185	UINT16	13058	13059	Analog Input	1546	R	NV	kW		
Max kW Demand - Circuit 91	91	7106		5186	UINT16	13060	13061	Analog Input	1547	R	NV	kW		
Max kW Demand - Circuit 92	92	7107		5187	UINT16	13062	13063	Analog Input	1548	R	NV	kW		
Max kW Demand - Circuit 93	93	7108		5188	UINT16	13064	13065	Analog Input	1549	R	NV	kW		
Max kW Demand - Circuit 94	94	7109		5189	UINT16	13066	13067	Analog Input	1550	R	NV	kW		
Max kW Demand - Circuit 95	95	7110		5190	UINT16	13068	13069	Analog Input	1551	R	NV	kW		
Max kW Demand - Circuit 96	96	7111		5191	UINT16	13070	13071	Analog Input	1552	R	NV	kW		
KWH Snapshot		7112	7303	Energy	UINT32	13072	13263	Analog Input	1553 - 1648	R		kWh		
KWH Snapshot - Circuit 1	1	7112	7113	5000	UINT32	13072	13073	Analog Input	1553	R		kWh		
KWH Snapshot - Circuit 2	2	7114	7115	5001	UINT32	13074	13075	Analog Input	1554	R		kWh		
KWH Snapshot - Circuit 3	3	7116	7117	5002	UINT32	13076	13077	Analog Input	1555	R		kWh		
KWH Snapshot - Circuit 4	4	7118	7119	5003	UINT32	13078	13079	Analog Input	1556	R		kWh		
KWH Snapshot - Circuit 5	5	7120	7121	5004	UINT32	13080	13081	Analog Input	1557	R		kWh		
KWH Snapshot - Circuit 6	6	7122	7123	5005	UINT32	13082	13083	Analog Input	1558	R		kWh		
KWH Snapshot - Circuit 7	7	7124	7125	5006	UINT32	13084	13085	Analog Input	1559	R		kWh		
KWH Snapshot - Circuit 8	8	7126	7127	5007	UINT32	13086	13087	Analog Input	1560	R		kWh		
KWH Snapshot - Circuit 9	9	7128	7129	5008	UINT32	13088	13089	Analog Input	1561	R		kWh		
KWH Snapshot - Circuit 10	10	7130	7131	5009	UINT32	13090	13091	Analog Input	1562	R		kWh		
KWH Snapshot - Circuit 11	11	7132	7133	5010	UINT32	13092	13093	Analog Input	1563	R		kWh		
KWH Snapshot - Circuit 12	12	7134	7135	5011	UINT32	13094	13095	Analog Input	1564	R		kWh		
KWH Snapshot - Circuit 13	13	7136	7137	5012	UINT32	13096	13097	Analog Input	1565	R		kWh		
KWH Snapshot - Circuit 14	14	7138	7139	5013	UINT32	13098	13099	Analog Input	1566	R		kWh		
KWH Snapshot - Circuit 15	15	7140	7141	5014	UINT32	13100	13101	Analog Input	1567	R		kWh		
KWH Snapshot - Circuit 16	16	7142	7143	5015	UINT32	13102	13103	Analog Input	1568	R		kWh		
KWH Snapshot - Circuit 17	17	7144	7145	5016	UINT32	13104	13105	Analog Input	1569	R		kWh		
KWH Snapshot - Circuit 18	18	7146	7147	5017	UINT32	13106	13107	Analog Input	1570	R		kWh		
KWH Snapshot - Circuit 19	19	7148	7149	5018	UINT32	13108	13109	Analog Input	1571	R		kWh		
KWH Snapshot - Circuit 20	20	7150	7151	5019	UINT32	13110	13111	Analog Input	1572	R		kWh		
KWH Snapshot - Circuit 21	21	7152	7153	5020	UINT32	13112	13113	Analog Input	1573	R		kWh		
KWH Snapshot - Circuit 22	22	7154	7155	5021	UINT32	13114	13115	Analog Input	1574	R		kWh		
KWH Snapshot - Circuit 23	23	7156	7157	5022	UINT32	13116	13117	Analog Input	1575	R		kWh		
KWH Snapshot - Circuit 24	24	7158	7159	5023	UINT32	13118	13119	Analog Input	1576	R		kWh		
KWH Snapshot - Circuit 25	25	7160	7161	5024	UINT32	13120	13121	Analog Input	1577	R		kWh		
KWH Snapshot - Circuit 26	26	7162	7163	5025	UINT32	13122	13123	Analog Input	1578	R		kWh		
KWH Snapshot - Circuit 27	27	7164	7165	5026	UINT32	13124	13125	Analog Input	1579	R		kWh		
KWH Snapshot - Circuit 28	28	7166	7167	5027	UINT32	13126	13127	Analog Input	1580	R		kWh		
KWH Snapshot - Circuit 29	29	7168	7169	5028	UINT32	13128	13129	Analog Input	1581	R		kWh		
KWH Snapshot - Circuit 30	30	7170	7171	5029	UINT32	13130	13131	Analog Input	1582	R		kWh		
KWH Snapshot - Circuit 31	31	7172	7173	5030	UINT32	13132	13133	Analog Input	1583	R		kWh		
KWH Snapshot - Circuit 32	32	7174	7175	5031	UINT32	13134	13135	Analog Input	1584	R		kWh		
KWH Snapshot - Circuit 33	33	7176	7177	5032	UINT32	13136	13137	Analog Input	1585	R		kWh		
KWH Snapshot - Circuit 34	34	7178	7179	5033	UINT32	13138	13139	Analog Input	1586	R		kWh		
KWH Snapshot - Circuit 35	35	7180	7181	5034	UINT32	13140	13141	Analog Input	1587	R		kWh		
KWH Snapshot - Circuit 36	36	7182	7183	5035	UINT32	13142	13143	Analog Input	1588	R		kWh		
KWH Snapshot - Circuit 37	37	7184	7185	5036	UINT32	13144	13145	Analog Input	1589	R		kWh		
KWH Snapshot - Circuit 38	38	7186	7187	5037	UINT32	13146	13147	Analog Input	1590	R		kWh		
KWH Snapshot - Circuit 39	39	7188	7189	5038	UINT32	13148	13149	Analog Input	1591	R		kWh		
KWH Snapshot - Circuit 40	40	7190	7191	5039	UINT32	13150	13151	Analog Input	1592	R		kWh		
KWH Snapshot - Circuit 41	41	7192	7193	5040	UINT32	13152	13153	Analog Input	1593	R		kWh		
KWH Snapshot - Circuit 42	42	7194	7195	5041	UINT32	13154	13155	Analog Input	1594	R		kWh		
KWH Snapshot - Circuit 43	43	7196	7197	5042	UINT32	13156	13157	Analog Input	1595	R		kWh		
KWH Snapshot - Circuit 44	44	7198	7199	5043	UINT32	13158	13159	Analog Input	1596	R		kWh		
KWH Snapshot - Circuit 45	45	7200	7201	5044	UINT32	13160	13161	Analog Input	1597	R		kWh		
KWH Snapshot - Circuit 46	46	7202	7203	5045	UINT32	13162	13163	Analog Input	1598	R		kWh		
KWH Snapshot - Circuit 47	47	7204	7205	5046	UINT32	13164	13165	Analog Input	1599	R		kWh		
KWH Snapshot - Circuit 48	48	7206	7207	5047	UINT32	13166	13167	Analog Input	1600	R		kWh		

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer: Start (MSW)	End (LSW)	Scale	Type	Float: MSW	LSW	Bacnet Objects: Object Type	Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
KWH Snapshot - Circuit 49	49	7208	7209	5048	UINT32	13168	13169	Analog Input	1601	R		kWh		
KWH Snapshot - Circuit 50	50	7210	7211	5049	UINT32	13170	13171	Analog Input	1602	R		kWh		
KWH Snapshot - Circuit 51	51	7212	7213	5050	UINT32	13172	13173	Analog Input	1603	R		kWh		
KWH Snapshot - Circuit 52	52	7214	7215	5051	UINT32	13174	13175	Analog Input	1604	R		kWh		
KWH Snapshot - Circuit 53	53	7216	7217	5052	UINT32	13176	13177	Analog Input	1605	R		kWh		
KWH Snapshot - Circuit 54	54	7218	7219	5053	UINT32	13178	13179	Analog Input	1606	R		kWh		
KWH Snapshot - Circuit 55	55	7220	7221	5054	UINT32	13180	13181	Analog Input	1607	R		kWh		
KWH Snapshot - Circuit 56	56	7222	7223	5055	UINT32	13182	13183	Analog Input	1608	R		kWh		
KWH Snapshot - Circuit 57	57	7224	7225	5056	UINT32	13184	13185	Analog Input	1609	R		kWh		
KWH Snapshot - Circuit 58	58	7226	7227	5057	UINT32	13186	13187	Analog Input	1610	R		kWh		
KWH Snapshot - Circuit 59	59	7228	7229	5058	UINT32	13188	13189	Analog Input	1611	R		kWh		
KWH Snapshot - Circuit 60	60	7230	7231	5059	UINT32	13190	13191	Analog Input	1612	R		kWh		
KWH Snapshot - Circuit 61	61	7232	7233	5060	UINT32	13192	13193	Analog Input	1613	R		kWh		
KWH Snapshot - Circuit 62	62	7234	7235	5061	UINT32	13194	13195	Analog Input	1614	R		kWh		
KWH Snapshot - Circuit 63	63	7236	7237	5062	UINT32	13196	13197	Analog Input	1615	R		kWh		
KWH Snapshot - Circuit 64	64	7238	7239	5063	UINT32	13198	13199	Analog Input	1616	R		kWh		
KWH Snapshot - Circuit 65	65	7240	7241	5064	UINT32	13200	13201	Analog Input	1617	R		kWh		
KWH Snapshot - Circuit 66	66	7242	7243	5065	UINT32	13202	13203	Analog Input	1618	R		kWh		
KWH Snapshot - Circuit 67	67	7244	7245	5066	UINT32	13204	13205	Analog Input	1619	R		kWh		
KWH Snapshot - Circuit 68	68	7246	7247	5067	UINT32	13206	13207	Analog Input	1620	R		kWh		
KWH Snapshot - Circuit 69	69	7248	7249	5068	UINT32	13208	13209	Analog Input	1621	R		kWh		
KWH Snapshot - Circuit 70	70	7250	7251	5069	UINT32	13210	13211	Analog Input	1622	R		kWh		
KWH Snapshot - Circuit 71	71	7252	7253	5070	UINT32	13212	13213	Analog Input	1623	R		kWh		
KWH Snapshot - Circuit 72	72	7254	7255	5071	UINT32	13214	13215	Analog Input	1624	R		kWh		
KWH Snapshot - Circuit 73	73	7256	7257	5072	UINT32	13216	13217	Analog Input	1625	R		kWh		
KWH Snapshot - Circuit 74	74	7258	7259	5073	UINT32	13218	13219	Analog Input	1626	R		kWh		
KWH Snapshot - Circuit 75	75	7260	7261	5074	UINT32	13220	13221	Analog Input	1627	R		kWh		
KWH Snapshot - Circuit 76	76	7262	7263	5075	UINT32	13222	13223	Analog Input	1628	R		kWh		
KWH Snapshot - Circuit 77	77	7264	7265	5076	UINT32	13224	13225	Analog Input	1629	R		kWh		
KWH Snapshot - Circuit 78	78	7266	7267	5077	UINT32	13226	13227	Analog Input	1630	R		kWh		
KWH Snapshot - Circuit 79	79	7268	7269	5078	UINT32	13228	13229	Analog Input	1631	R		kWh		
KWH Snapshot - Circuit 80	80	7270	7271	5079	UINT32	13230	13231	Analog Input	1632	R		kWh		
KWH Snapshot - Circuit 81	81	7272	7273	5080	UINT32	13232	13233	Analog Input	1633	R		kWh		
KWH Snapshot - Circuit 82	82	7274	7275	5081	UINT32	13234	13235	Analog Input	1634	R		kWh		
KWH Snapshot - Circuit 83	83	7276	7277	5082	UINT32	13236	13237	Analog Input	1635	R		kWh		
KWH Snapshot - Circuit 84	84	7278	7279	5083	UINT32	13238	13239	Analog Input	1636	R		kWh		
KWH Snapshot - Circuit 85	85	7280	7281	5084	UINT32	13240	13241	Analog Input	1637	R		kWh		
KWH Snapshot - Circuit 86	86	7282	7283	5085	UINT32	13242	13243	Analog Input	1638	R		kWh		
KWH Snapshot - Circuit 87	87	7284	7285	5086	UINT32	13244	13245	Analog Input	1639	R		kWh		
KWH Snapshot - Circuit 88	88	7286	7287	5087	UINT32	13246	13247	Analog Input	1640	R		kWh		
KWH Snapshot - Circuit 89	89	7288	7289	5088	UINT32	13248	13249	Analog Input	1641	R		kWh		
KWH Snapshot - Circuit 90	90	7290	7291	5089	UINT32	13250	13251	Analog Input	1642	R		kWh		
KWH Snapshot - Circuit 91	91	7292	7293	5090	UINT32	13252	13253	Analog Input	1643	R		kWh		
KWH Snapshot - Circuit 92	92	7294	7295	5091	UINT32	13254	13255	Analog Input	1644	R		kWh		
KWH Snapshot - Circuit 93	93	7296	7297	5092	UINT32	13256	13257	Analog Input	1645	R		kWh		
KWH Snapshot - Circuit 94	94	7298	7299	5093	UINT32	13258	13259	Analog Input	1646	R		kWh		
KWH Snapshot - Circuit 95	95	7300	7301	5094	UINT32	13260	13261	Analog Input	1647	R		kWh		
KWH Snapshot - Circuit 96	96	7302	7303	5095	UINT32	13262	13263	Analog Input	1648	R		kWh		
Crest Factor		7304	7399	-3	UINT16	13264	13455	Analog Input	1649 - 1744	R				
Crest Factor - Circuit 1	1	7304		-3	UINT16	13264	13265	Analog Input	1649	R				
Crest Factor - Circuit 2	2	7305		-3	UINT16	13266	13267	Analog Input	1650	R				
Crest Factor - Circuit 3	3	7306		-3	UINT16	13268	13269	Analog Input	1651	R				
Crest Factor - Circuit 4	4	7307		-3	UINT16	13270	13271	Analog Input	1652	R				
Crest Factor - Circuit 5	5	7308		-3	UINT16	13272	13273	Analog Input	1653	R				
Crest Factor - Circuit 6	6	7309		-3	UINT16	13274	13275	Analog Input	1654	R				
Crest Factor - Circuit 7	7	7310		-3	UINT16	13276	13277	Analog Input	1655	R				

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Crest Factor - Circuit 8	8	7311		-3	UINT16	13278	13279	Analog Input	1656	R				
Crest Factor - Circuit 9	9	7312		-3	UINT16	13280	13281	Analog Input	1657	R				
Crest Factor - Circuit 10	10	7313		-3	UINT16	13282	13283	Analog Input	1658	R				
Crest Factor - Circuit 11	11	7314		-3	UINT16	13284	13285	Analog Input	1659	R				
Crest Factor - Circuit 12	12	7315		-3	UINT16	13286	13287	Analog Input	1660	R				
Crest Factor - Circuit 13	13	7316		-3	UINT16	13288	13289	Analog Input	1661	R				
Crest Factor - Circuit 14	14	7317		-3	UINT16	13290	13291	Analog Input	1662	R				
Crest Factor - Circuit 15	15	7318		-3	UINT16	13292	13293	Analog Input	1663	R				
Crest Factor - Circuit 16	16	7319		-3	UINT16	13294	13295	Analog Input	1664	R				
Crest Factor - Circuit 17	17	7320		-3	UINT16	13296	13297	Analog Input	1665	R				
Crest Factor - Circuit 18	18	7321		-3	UINT16	13298	13299	Analog Input	1666	R				
Crest Factor - Circuit 19	19	7322		-3	UINT16	13300	13301	Analog Input	1667	R				
Crest Factor - Circuit 20	20	7323		-3	UINT16	13302	13303	Analog Input	1668	R				
Crest Factor - Circuit 21	21	7324		-3	UINT16	13304	13305	Analog Input	1669	R				
Crest Factor - Circuit 22	22	7325		-3	UINT16	13306	13307	Analog Input	1670	R				
Crest Factor - Circuit 23	23	7326		-3	UINT16	13308	13309	Analog Input	1671	R				
Crest Factor - Circuit 24	24	7327		-3	UINT16	13310	13311	Analog Input	1672	R				
Crest Factor - Circuit 25	25	7328		-3	UINT16	13312	13313	Analog Input	1673	R				
Crest Factor - Circuit 26	26	7329		-3	UINT16	13314	13315	Analog Input	1674	R				
Crest Factor - Circuit 27	27	7330		-3	UINT16	13316	13317	Analog Input	1675	R				
Crest Factor - Circuit 28	28	7331		-3	UINT16	13318	13319	Analog Input	1676	R				
Crest Factor - Circuit 29	29	7332		-3	UINT16	13320	13321	Analog Input	1677	R				
Crest Factor - Circuit 30	30	7333		-3	UINT16	13322	13323	Analog Input	1678	R				
Crest Factor - Circuit 31	31	7334		-3	UINT16	13324	13325	Analog Input	1679	R				
Crest Factor - Circuit 32	32	7335		-3	UINT16	13326	13327	Analog Input	1680	R				
Crest Factor - Circuit 33	33	7336		-3	UINT16	13328	13329	Analog Input	1681	R				
Crest Factor - Circuit 34	34	7337		-3	UINT16	13330	13331	Analog Input	1682	R				
Crest Factor - Circuit 35	35	7338		-3	UINT16	13332	13333	Analog Input	1683	R				
Crest Factor - Circuit 36	36	7339		-3	UINT16	13334	13335	Analog Input	1684	R				
Crest Factor - Circuit 37	37	7340		-3	UINT16	13336	13337	Analog Input	1685	R				
Crest Factor - Circuit 38	38	7341		-3	UINT16	13338	13339	Analog Input	1686	R				
Crest Factor - Circuit 39	39	7342		-3	UINT16	13340	13341	Analog Input	1687	R				
Crest Factor - Circuit 40	40	7343		-3	UINT16	13342	13343	Analog Input	1688	R				
Crest Factor - Circuit 41	41	7344		-3	UINT16	13344	13345	Analog Input	1689	R				
Crest Factor - Circuit 42	42	7345		-3	UINT16	13346	13347	Analog Input	1690	R				
Crest Factor - Circuit 43	43	7346		-3	UINT16	13348	13349	Analog Input	1691	R				
Crest Factor - Circuit 44	44	7347		-3	UINT16	13350	13351	Analog Input	1692	R				
Crest Factor - Circuit 45	45	7348		-3	UINT16	13352	13353	Analog Input	1693	R				
Crest Factor - Circuit 46	46	7349		-3	UINT16	13354	13355	Analog Input	1694	R				
Crest Factor - Circuit 47	47	7350		-3	UINT16	13356	13357	Analog Input	1695	R				
Crest Factor - Circuit 48	48	7351		-3	UINT16	13358	13359	Analog Input	1696	R				
Crest Factor - Circuit 49	49	7352		-3	UINT16	13360	13361	Analog Input	1697	R				
Crest Factor - Circuit 50	50	7353		-3	UINT16	13362	13363	Analog Input	1698	R				
Crest Factor - Circuit 51	51	7354		-3	UINT16	13364	13365	Analog Input	1699	R				
Crest Factor - Circuit 52	52	7355		-3	UINT16	13366	13367	Analog Input	1700	R				
Crest Factor - Circuit 53	53	7356		-3	UINT16	13368	13369	Analog Input	1701	R				
Crest Factor - Circuit 54	54	7357		-3	UINT16	13370	13371	Analog Input	1702	R				
Crest Factor - Circuit 55	55	7358		-3	UINT16	13372	13373	Analog Input	1703	R				
Crest Factor - Circuit 56	56	7359		-3	UINT16	13374	13375	Analog Input	1704	R				
Crest Factor - Circuit 57	57	7360		-3	UINT16	13376	13377	Analog Input	1705	R				
Crest Factor - Circuit 58	58	7361		-3	UINT16	13378	13379	Analog Input	1706	R				
Crest Factor - Circuit 59	59	7362		-3	UINT16	13380	13381	Analog Input	1707	R				
Crest Factor - Circuit 60	60	7363		-3	UINT16	13382	13383	Analog Input	1708	R				
Crest Factor - Circuit 61	61	7364		-3	UINT16	13384	13385	Analog Input	1709	R				
Crest Factor - Circuit 62	62	7365		-3	UINT16	13386	13387	Analog Input	1710	R				
Crest Factor - Circuit 63	63	7366		-3	UINT16	13388	13389	Analog Input	1711	R				
Crest Factor - Circuit 64	64	7367		-3	UINT16	13390	13391	Analog Input	1712	R				
Crest Factor - Circuit 65	65	7368		-3	UINT16	13392	13393	Analog Input	1713	R				

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Crest Factor - Circuit 66	66	7369		-3	UINT16	13394	13395	Analog Input	1714	R				
Crest Factor - Circuit 67	67	7370		-3	UINT16	13396	13397	Analog Input	1715	R				
Crest Factor - Circuit 68	68	7371		-3	UINT16	13398	13399	Analog Input	1716	R				
Crest Factor - Circuit 69	69	7372		-3	UINT16	13400	13401	Analog Input	1717	R				
Crest Factor - Circuit 70	70	7373		-3	UINT16	13402	13403	Analog Input	1718	R				
Crest Factor - Circuit 71	71	7374		-3	UINT16	13404	13405	Analog Input	1719	R				
Crest Factor - Circuit 72	72	7375		-3	UINT16	13406	13407	Analog Input	1720	R				
Crest Factor - Circuit 73	73	7376		-3	UINT16	13408	13409	Analog Input	1721	R				
Crest Factor - Circuit 74	74	7377		-3	UINT16	13410	13411	Analog Input	1722	R				
Crest Factor - Circuit 75	75	7378		-3	UINT16	13412	13413	Analog Input	1723	R				
Crest Factor - Circuit 76	76	7379		-3	UINT16	13414	13415	Analog Input	1724	R				
Crest Factor - Circuit 77	77	7380		-3	UINT16	13416	13417	Analog Input	1725	R				
Crest Factor - Circuit 78	78	7381		-3	UINT16	13418	13419	Analog Input	1726	R				
Crest Factor - Circuit 79	79	7382		-3	UINT16	13420	13421	Analog Input	1727	R				
Crest Factor - Circuit 80	80	7383		-3	UINT16	13422	13423	Analog Input	1728	R				
Crest Factor - Circuit 81	81	7384		-3	UINT16	13424	13425	Analog Input	1729	R				
Crest Factor - Circuit 82	82	7385		-3	UINT16	13426	13427	Analog Input	1730	R				
Crest Factor - Circuit 83	83	7386		-3	UINT16	13428	13429	Analog Input	1731	R				
Crest Factor - Circuit 84	84	7387		-3	UINT16	13430	13431	Analog Input	1732	R				
Crest Factor - Circuit 85	85	7388		-3	UINT16	13432	13433	Analog Input	1733	R				
Crest Factor - Circuit 86	86	7389		-3	UINT16	13434	13435	Analog Input	1734	R				
Crest Factor - Circuit 87	87	7390		-3	UINT16	13436	13437	Analog Input	1735	R				
Crest Factor - Circuit 88	88	7391		-3	UINT16	13438	13439	Analog Input	1736	R				
Crest Factor - Circuit 89	89	7392		-3	UINT16	13440	13441	Analog Input	1737	R				
Crest Factor - Circuit 90	90	7393		-3	UINT16	13442	13443	Analog Input	1738	R				
Crest Factor - Circuit 91	91	7394		-3	UINT16	13444	13445	Analog Input	1739	R				
Crest Factor - Circuit 92	92	7395		-3	UINT16	13446	13447	Analog Input	1740	R				
Crest Factor - Circuit 93	93	7396		-3	UINT16	13448	13449	Analog Input	1741	R				
Crest Factor - Circuit 94	94	7397		-3	UINT16	13450	13451	Analog Input	1742	R				
Crest Factor - Circuit 95	95	7398		-3	UINT16	13452	13453	Analog Input	1743	R				
Crest Factor - Circuit 96	96	7399		-3	UINT16	13454	13455	Analog Input	1744	R				
Breaker Utilization		7400	7495	-2	UINT16	13456	13647	Analog Input	1745 - 1840	R		Percent		*Circuit Utilization = (Current / Breaker Size) * 100*
Breaker Utilization - Circuit 1	1	7400		-2	UINT16	13456	13457	Analog Input	1745	R		Percent		
Breaker Utilization - Circuit 2	2	7401		-2	UINT16	13458	13459	Analog Input	1746	R		Percent		
Breaker Utilization - Circuit 3	3	7402		-2	UINT16	13460	13461	Analog Input	1747	R		Percent		
Breaker Utilization - Circuit 4	4	7403		-2	UINT16	13462	13463	Analog Input	1748	R		Percent		
Breaker Utilization - Circuit 5	5	7404		-2	UINT16	13464	13465	Analog Input	1749	R		Percent		
Breaker Utilization - Circuit 6	6	7405		-2	UINT16	13466	13467	Analog Input	1750	R		Percent		
Breaker Utilization - Circuit 7	7	7406		-2	UINT16	13468	13469	Analog Input	1751	R		Percent		
Breaker Utilization - Circuit 8	8	7407		-2	UINT16	13470	13471	Analog Input	1752	R		Percent		
Breaker Utilization - Circuit 9	9	7408		-2	UINT16	13472	13473	Analog Input	1753	R		Percent		
Breaker Utilization - Circuit 10	10	7409		-2	UINT16	13474	13475	Analog Input	1754	R		Percent		
Breaker Utilization - Circuit 11	11	7410		-2	UINT16	13476	13477	Analog Input	1755	R		Percent		
Breaker Utilization - Circuit 12	12	7411		-2	UINT16	13478	13479	Analog Input	1756	R		Percent		
Breaker Utilization - Circuit 13	13	7412		-2	UINT16	13480	13481	Analog Input	1757	R		Percent		
Breaker Utilization - Circuit 14	14	7413		-2	UINT16	13482	13483	Analog Input	1758	R		Percent		
Breaker Utilization - Circuit 15	15	7414		-2	UINT16	13484	13485	Analog Input	1759	R		Percent		
Breaker Utilization - Circuit 16	16	7415		-2	UINT16	13486	13487	Analog Input	1760	R		Percent		
Breaker Utilization - Circuit 17	17	7416		-2	UINT16	13488	13489	Analog Input	1761	R		Percent		
Breaker Utilization - Circuit 18	18	7417		-2	UINT16	13490	13491	Analog Input	1762	R		Percent		
Breaker Utilization - Circuit 19	19	7418		-2	UINT16	13492	13493	Analog Input	1763	R		Percent		
Breaker Utilization - Circuit 20	20	7419		-2	UINT16	13494	13495	Analog Input	1764	R		Percent		
Breaker Utilization - Circuit 21	21	7420		-2	UINT16	13496	13497	Analog Input	1765	R		Percent		
Breaker Utilization - Circuit 22	22	7421		-2	UINT16	13498	13499	Analog Input	1766	R		Percent		
Breaker Utilization - Circuit 23	23	7422		-2	UINT16	13500	13501	Analog Input	1767	R		Percent		
Breaker Utilization - Circuit 24	24	7423		-2	UINT16	13502	13503	Analog Input	1768	R		Percent		

Yellow text indicates features which are not yet implemented

		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Breaker Utilization - Circuit 25	25	7424		-2	UINT16	13504	13505	Analog Input	1769	R		Percent		
Breaker Utilization - Circuit 26	26	7425		-2	UINT16	13506	13507	Analog Input	1770	R		Percent		
Breaker Utilization - Circuit 27	27	7426		-2	UINT16	13508	13509	Analog Input	1771	R		Percent		
Breaker Utilization - Circuit 28	28	7427		-2	UINT16	13510	13511	Analog Input	1772	R		Percent		
Breaker Utilization - Circuit 29	29	7428		-2	UINT16	13512	13513	Analog Input	1773	R		Percent		
Breaker Utilization - Circuit 30	30	7429		-2	UINT16	13514	13515	Analog Input	1774	R		Percent		
Breaker Utilization - Circuit 31	31	7430		-2	UINT16	13516	13517	Analog Input	1775	R		Percent		
Breaker Utilization - Circuit 32	32	7431		-2	UINT16	13518	13519	Analog Input	1776	R		Percent		
Breaker Utilization - Circuit 33	33	7432		-2	UINT16	13520	13521	Analog Input	1777	R		Percent		
Breaker Utilization - Circuit 34	34	7433		-2	UINT16	13522	13523	Analog Input	1778	R		Percent		
Breaker Utilization - Circuit 35	35	7434		-2	UINT16	13524	13525	Analog Input	1779	R		Percent		
Breaker Utilization - Circuit 36	36	7435		-2	UINT16	13526	13527	Analog Input	1780	R		Percent		
Breaker Utilization - Circuit 37	37	7436		-2	UINT16	13528	13529	Analog Input	1781	R		Percent		
Breaker Utilization - Circuit 38	38	7437		-2	UINT16	13530	13531	Analog Input	1782	R		Percent		
Breaker Utilization - Circuit 39	39	7438		-2	UINT16	13532	13533	Analog Input	1783	R		Percent		
Breaker Utilization - Circuit 40	40	7439		-2	UINT16	13534	13535	Analog Input	1784	R		Percent		
Breaker Utilization - Circuit 41	41	7440		-2	UINT16	13536	13537	Analog Input	1785	R		Percent		
Breaker Utilization - Circuit 42	42	7441		-2	UINT16	13538	13539	Analog Input	1786	R		Percent		
Breaker Utilization - Circuit 43	43	7442		-2	UINT16	13540	13541	Analog Input	1787	R		Percent		
Breaker Utilization - Circuit 44	44	7443		-2	UINT16	13542	13543	Analog Input	1788	R		Percent		
Breaker Utilization - Circuit 45	45	7444		-2	UINT16	13544	13545	Analog Input	1789	R		Percent		
Breaker Utilization - Circuit 46	46	7445		-2	UINT16	13546	13547	Analog Input	1790	R		Percent		
Breaker Utilization - Circuit 47	47	7446		-2	UINT16	13548	13549	Analog Input	1791	R		Percent		
Breaker Utilization - Circuit 48	48	7447		-2	UINT16	13550	13551	Analog Input	1792	R		Percent		
Breaker Utilization - Circuit 49	49	7448		-2	UINT16	13552	13553	Analog Input	1793	R		Percent		
Breaker Utilization - Circuit 50	50	7449		-2	UINT16	13554	13555	Analog Input	1794	R		Percent		
Breaker Utilization - Circuit 51	51	7450		-2	UINT16	13556	13557	Analog Input	1795	R		Percent		
Breaker Utilization - Circuit 52	52	7451		-2	UINT16	13558	13559	Analog Input	1796	R		Percent		
Breaker Utilization - Circuit 53	53	7452		-2	UINT16	13560	13561	Analog Input	1797	R		Percent		
Breaker Utilization - Circuit 54	54	7453		-2	UINT16	13562	13563	Analog Input	1798	R		Percent		
Breaker Utilization - Circuit 55	55	7454		-2	UINT16	13564	13565	Analog Input	1799	R		Percent		
Breaker Utilization - Circuit 56	56	7455		-2	UINT16	13566	13567	Analog Input	1800	R		Percent		
Breaker Utilization - Circuit 57	57	7456		-2	UINT16	13568	13569	Analog Input	1801	R		Percent		
Breaker Utilization - Circuit 58	58	7457		-2	UINT16	13570	13571	Analog Input	1802	R		Percent		
Breaker Utilization - Circuit 59	59	7458		-2	UINT16	13572	13573	Analog Input	1803	R		Percent		
Breaker Utilization - Circuit 60	60	7459		-2	UINT16	13574	13575	Analog Input	1804	R		Percent		
Breaker Utilization - Circuit 61	61	7460		-2	UINT16	13576	13577	Analog Input	1805	R		Percent		
Breaker Utilization - Circuit 62	62	7461		-2	UINT16	13578	13579	Analog Input	1806	R		Percent		
Breaker Utilization - Circuit 63	63	7462		-2	UINT16	13580	13581	Analog Input	1807	R		Percent		
Breaker Utilization - Circuit 64	64	7463		-2	UINT16	13582	13583	Analog Input	1808	R		Percent		
Breaker Utilization - Circuit 65	65	7464		-2	UINT16	13584	13585	Analog Input	1809	R		Percent		
Breaker Utilization - Circuit 66	66	7465		-2	UINT16	13586	13587	Analog Input	1810	R		Percent		
Breaker Utilization - Circuit 67	67	7466		-2	UINT16	13588	13589	Analog Input	1811	R		Percent		
Breaker Utilization - Circuit 68	68	7467		-2	UINT16	13590	13591	Analog Input	1812	R		Percent		
Breaker Utilization - Circuit 69	69	7468		-2	UINT16	13592	13593	Analog Input	1813	R		Percent		
Breaker Utilization - Circuit 70	70	7469		-2	UINT16	13594	13595	Analog Input	1814	R		Percent		
Breaker Utilization - Circuit 71	71	7470		-2	UINT16	13596	13597	Analog Input	1815	R		Percent		
Breaker Utilization - Circuit 72	72	7471		-2	UINT16	13598	13599	Analog Input	1816	R		Percent		
Breaker Utilization - Circuit 73	73	7472		-2	UINT16	13600	13601	Analog Input	1817	R		Percent		
Breaker Utilization - Circuit 74	74	7473		-2	UINT16	13602	13603	Analog Input	1818	R		Percent		
Breaker Utilization - Circuit 75	75	7474		-2	UINT16	13604	13605	Analog Input	1819	R		Percent		
Breaker Utilization - Circuit 76	76	7475		-2	UINT16	13606	13607	Analog Input	1820	R		Percent		
Breaker Utilization - Circuit 77	77	7476		-2	UINT16	13608	13609	Analog Input	1821	R		Percent		
Breaker Utilization - Circuit 78	78	7477		-2	UINT16	13610	13611	Analog Input	1822	R		Percent		
Breaker Utilization - Circuit 79	79	7478		-2	UINT16	13612	13613	Analog Input	1823	R		Percent		
Breaker Utilization - Circuit 80	80	7479		-2	UINT16	13614	13615	Analog Input	1824	R		Percent		
Breaker Utilization - Circuit 81	81	7480		-2	UINT16	13616	13617	Analog Input	1825	R		Percent		
Breaker Utilization - Circuit 82	82	7481		-2	UINT16	13618	13619	Analog Input	1826	R		Percent		

Yellow text indicates features which are not yet implemented		Modbus Registers Integer				Modbus Registers Float		Bacnet Objects		R - Read W - Write L - Lock				
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Breaker Utilization - Circuit 83	83	7482		-2	UINT16	13620	13621	Analog Input	1827	R		Percent		
Breaker Utilization - Circuit 84	84	7483		-2	UINT16	13622	13623	Analog Input	1828	R		Percent		
Breaker Utilization - Circuit 85	85	7484		-2	UINT16	13624	13625	Analog Input	1829	R		Percent		
Breaker Utilization - Circuit 86	86	7485		-2	UINT16	13626	13627	Analog Input	1830	R		Percent		
Breaker Utilization - Circuit 87	87	7486		-2	UINT16	13628	13629	Analog Input	1831	R		Percent		
Breaker Utilization - Circuit 88	88	7487		-2	UINT16	13630	13631	Analog Input	1832	R		Percent		
Breaker Utilization - Circuit 89	89	7488		-2	UINT16	13632	13633	Analog Input	1833	R		Percent		
Breaker Utilization - Circuit 90	90	7489		-2	UINT16	13634	13635	Analog Input	1834	R		Percent		
Breaker Utilization - Circuit 91	91	7490		-2	UINT16	13636	13637	Analog Input	1835	R		Percent		
Breaker Utilization - Circuit 92	92	7491		-2	UINT16	13638	13639	Analog Input	1836	R		Percent		
Breaker Utilization - Circuit 93	93	7492		-2	UINT16	13640	13641	Analog Input	1837	R		Percent		
Breaker Utilization - Circuit 94	94	7493		-2	UINT16	13642	13643	Analog Input	1838	R		Percent		
Breaker Utilization - Circuit 95	95	7494		-2	UINT16	13644	13645	Analog Input	1839	R		Percent		
Breaker Utilization - Circuit 96	96	7495		-2	UINT16	13646	13647	Analog Input	1840	R		Percent		
Resettable kWh		7496	7687	-3	UINT32	13648	13839			R	NV	kWh		*Reset to Zero using Reset/Command Registers (Registers 584 - 679)*
Resettable kWh - Circuit 1	1	7496	7497	-3	UINT32	13648	13649			R	NV	kWh		
Resettable kWh - Circuit 2	2	7498	7499	-3	UINT32	13650	13651			R	NV	kWh		
Resettable kWh - Circuit 3	3	7500	7501	-3	UINT32	13652	13653			R	NV	kWh		
Resettable kWh - Circuit 4	4	7502	7503	-3	UINT32	13654	13655			R	NV	kWh		
Resettable kWh - Circuit 5	5	7504	7505	-3	UINT32	13656	13657			R	NV	kWh		
Resettable kWh - Circuit 6	6	7506	7507	-3	UINT32	13658	13659			R	NV	kWh		
Resettable kWh - Circuit 7	7	7508	7509	-3	UINT32	13660	13661			R	NV	kWh		
Resettable kWh - Circuit 8	8	7510	7511	-3	UINT32	13662	13663			R	NV	kWh		
Resettable kWh - Circuit 9	9	7512	7513	-3	UINT32	13664	13665			R	NV	kWh		
Resettable kWh - Circuit 10	10	7514	7515	-3	UINT32	13666	13667			R	NV	kWh		
Resettable kWh - Circuit 11	11	7516	7517	-3	UINT32	13668	13669			R	NV	kWh		
Resettable kWh - Circuit 12	12	7518	7519	-3	UINT32	13670	13671			R	NV	kWh		
Resettable kWh - Circuit 13	13	7520	7521	-3	UINT32	13672	13673			R	NV	kWh		
Resettable kWh - Circuit 14	14	7522	7523	-3	UINT32	13674	13675			R	NV	kWh		
Resettable kWh - Circuit 15	15	7524	7525	-3	UINT32	13676	13677			R	NV	kWh		
Resettable kWh - Circuit 16	16	7526	7527	-3	UINT32	13678	13679			R	NV	kWh		
Resettable kWh - Circuit 17	17	7528	7529	-3	UINT32	13680	13681			R	NV	kWh		
Resettable kWh - Circuit 18	18	7530	7531	-3	UINT32	13682	13683			R	NV	kWh		
Resettable kWh - Circuit 19	19	7532	7533	-3	UINT32	13684	13685			R	NV	kWh		
Resettable kWh - Circuit 20	20	7534	7535	-3	UINT32	13686	13687			R	NV	kWh		
Resettable kWh - Circuit 21	21	7536	7537	-3	UINT32	13688	13689			R	NV	kWh		
Resettable kWh - Circuit 22	22	7538	7539	-3	UINT32	13690	13691			R	NV	kWh		
Resettable kWh - Circuit 23	23	7540	7541	-3	UINT32	13692	13693			R	NV	kWh		
Resettable kWh - Circuit 24	24	7542	7543	-3	UINT32	13694	13695			R	NV	kWh		
Resettable kWh - Circuit 25	25	7544	7545	-3	UINT32	13696	13697			R	NV	kWh		
Resettable kWh - Circuit 26	26	7546	7547	-3	UINT32	13698	13699			R	NV	kWh		
Resettable kWh - Circuit 27	27	7548	7549	-3	UINT32	13700	13701			R	NV	kWh		
Resettable kWh - Circuit 28	28	7550	7551	-3	UINT32	13702	13703			R	NV	kWh		
Resettable kWh - Circuit 29	29	7552	7553	-3	UINT32	13704	13705			R	NV	kWh		
Resettable kWh - Circuit 30	30	7554	7555	-3	UINT32	13706	13707			R	NV	kWh		
Resettable kWh - Circuit 31	31	7556	7557	-3	UINT32	13708	13709			R	NV	kWh		
Resettable kWh - Circuit 32	32	7558	7559	-3	UINT32	13710	13711			R	NV	kWh		
Resettable kWh - Circuit 33	33	7560	7561	-3	UINT32	13712	13713			R	NV	kWh		
Resettable kWh - Circuit 34	34	7562	7563	-3	UINT32	13714	13715			R	NV	kWh		
Resettable kWh - Circuit 35	35	7564	7565	-3	UINT32	13716	13717			R	NV	kWh		
Resettable kWh - Circuit 36	36	7566	7567	-3	UINT32	13718	13719			R	NV	kWh		
Resettable kWh - Circuit 37	37	7568	7569	-3	UINT32	13720	13721			R	NV	kWh		
Resettable kWh - Circuit 38	38	7570	7571	-3	UINT32	13722	13723			R	NV	kWh		
Resettable kWh - Circuit 39	39	7572	7573	-3	UINT32	13724	13725			R	NV	kWh		
Resettable kWh - Circuit 40	40	7574	7575	-3	UINT32	13726	13727			R	NV	kWh		

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Resettable kWh - Circuit 41	41	7576	7577	-3	UINT32	13728	13729			R	NV	kWh		
Resettable kWh - Circuit 42	42	7578	7579	-3	UINT32	13730	13731			R	NV	kWh		
Resettable kWh - Circuit 43	43	7580	7581	-3	UINT32	13732	13733			R	NV	kWh		
Resettable kWh - Circuit 44	44	7582	7583	-3	UINT32	13734	13735			R	NV	kWh		
Resettable kWh - Circuit 45	45	7584	7585	-3	UINT32	13736	13737			R	NV	kWh		
Resettable kWh - Circuit 46	46	7586	7587	-3	UINT32	13738	13739			R	NV	kWh		
Resettable kWh - Circuit 47	47	7588	7589	-3	UINT32	13740	13741			R	NV	kWh		
Resettable kWh - Circuit 48	48	7590	7591	-3	UINT32	13742	13743			R	NV	kWh		
Resettable kWh - Circuit 49	49	7592	7593	-3	UINT32	13744	13745			R	NV	kWh		
Resettable kWh - Circuit 50	50	7594	7595	-3	UINT32	13746	13747			R	NV	kWh		
Resettable kWh - Circuit 51	51	7596	7597	-3	UINT32	13748	13749			R	NV	kWh		
Resettable kWh - Circuit 52	52	7598	7599	-3	UINT32	13750	13751			R	NV	kWh		
Resettable kWh - Circuit 53	53	7600	7601	-3	UINT32	13752	13753			R	NV	kWh		
Resettable kWh - Circuit 54	54	7602	7603	-3	UINT32	13754	13755			R	NV	kWh		
Resettable kWh - Circuit 55	55	7604	7605	-3	UINT32	13756	13757			R	NV	kWh		
Resettable kWh - Circuit 56	56	7606	7607	-3	UINT32	13758	13759			R	NV	kWh		
Resettable kWh - Circuit 57	57	7608	7609	-3	UINT32	13760	13761			R	NV	kWh		
Resettable kWh - Circuit 58	58	7610	7611	-3	UINT32	13762	13763			R	NV	kWh		
Resettable kWh - Circuit 59	59	7612	7613	-3	UINT32	13764	13765			R	NV	kWh		
Resettable kWh - Circuit 60	60	7614	7615	-3	UINT32	13766	13767			R	NV	kWh		
Resettable kWh - Circuit 61	61	7616	7617	-3	UINT32	13768	13769			R	NV	kWh		
Resettable kWh - Circuit 62	62	7618	7619	-3	UINT32	13770	13771			R	NV	kWh		
Resettable kWh - Circuit 63	63	7620	7621	-3	UINT32	13772	13773			R	NV	kWh		
Resettable kWh - Circuit 64	64	7622	7623	-3	UINT32	13774	13775			R	NV	kWh		
Resettable kWh - Circuit 65	65	7624	7625	-3	UINT32	13776	13777			R	NV	kWh		
Resettable kWh - Circuit 66	66	7626	7627	-3	UINT32	13778	13779			R	NV	kWh		
Resettable kWh - Circuit 67	67	7628	7629	-3	UINT32	13780	13781			R	NV	kWh		
Resettable kWh - Circuit 68	68	7630	7631	-3	UINT32	13782	13783			R	NV	kWh		
Resettable kWh - Circuit 69	69	7632	7633	-3	UINT32	13784	13785			R	NV	kWh		
Resettable kWh - Circuit 70	70	7634	7635	-3	UINT32	13786	13787			R	NV	kWh		
Resettable kWh - Circuit 71	71	7636	7637	-3	UINT32	13788	13789			R	NV	kWh		
Resettable kWh - Circuit 72	72	7638	7639	-3	UINT32	13790	13791			R	NV	kWh		
Resettable kWh - Circuit 73	73	7640	7641	-3	UINT32	13792	13793			R	NV	kWh		
Resettable kWh - Circuit 74	74	7642	7643	-3	UINT32	13794	13795			R	NV	kWh		
Resettable kWh - Circuit 75	75	7644	7645	-3	UINT32	13796	13797			R	NV	kWh		
Resettable kWh - Circuit 76	76	7646	7647	-3	UINT32	13798	13799			R	NV	kWh		
Resettable kWh - Circuit 77	77	7648	7649	-3	UINT32	13800	13801			R	NV	kWh		
Resettable kWh - Circuit 78	78	7650	7651	-3	UINT32	13802	13803			R	NV	kWh		
Resettable kWh - Circuit 79	79	7652	7653	-3	UINT32	13804	13805			R	NV	kWh		
Resettable kWh - Circuit 80	80	7654	7655	-3	UINT32	13806	13807			R	NV	kWh		
Resettable kWh - Circuit 81	81	7656	7657	-3	UINT32	13808	13809			R	NV	kWh		
Resettable kWh - Circuit 82	82	7658	7659	-3	UINT32	13810	13811			R	NV	kWh		
Resettable kWh - Circuit 83	83	7660	7661	-3	UINT32	13812	13813			R	NV	kWh		
Resettable kWh - Circuit 84	84	7662	7663	-3	UINT32	13814	13815			R	NV	kWh		
Resettable kWh - Circuit 85	85	7664	7665	-3	UINT32	13816	13817			R	NV	kWh		
Resettable kWh - Circuit 86	86	7666	7667	-3	UINT32	13818	13819			R	NV	kWh		
Resettable kWh - Circuit 87	87	7668	7669	-3	UINT32	13820	13821			R	NV	kWh		
Resettable kWh - Circuit 88	88	7670	7671	-3	UINT32	13822	13823			R	NV	kWh		
Resettable kWh - Circuit 89	89	7672	7673	-3	UINT32	13824	13825			R	NV	kWh		
Resettable kWh - Circuit 90	90	7674	7675	-3	UINT32	13826	13827			R	NV	kWh		
Resettable kWh - Circuit 91	91	7676	7677	-3	UINT32	13828	13829			R	NV	kWh		
Resettable kWh - Circuit 92	92	7678	7679	-3	UINT32	13830	13831			R	NV	kWh		
Resettable kWh - Circuit 93	93	7680	7681	-3	UINT32	13832	13833			R	NV	kWh		
Resettable kWh - Circuit 94	94	7682	7683	-3	UINT32	13834	13835			R	NV	kWh		
Resettable kWh - Circuit 95	95	7684	7685	-3	UINT32	13836	13837			R	NV	kWh		
Resettable kWh - Circuit 96	96	7686	7687	-3	UINT32	13838	13839			R	NV	kWh		

Yellow text indicates features which are not yet implemented		Modbus Registers						Bacnet Objects		R - Read W - Write L - Lock				
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W/L	NV	Units	Range	*Notes*
Custom Meters														
Custom Meter #1	1	15000	15499											*Add 500 for next Meter (BACnet will show as sperarate Device ID from the Core Module)* *Custom Meters can be configured as True Meter or Virutal Meter*
Custom Meter #1 Configuration														
# of Circuits Assigned		15000						Analog Value	1					*Total number of circuits assigned to this meter*
Assigned Circuits		15001	15003					Analog Value	2 - 4	R	NV			*True Meter - Identifies which circuits are assigned to the meter* *Virtual Meter - Total number of circuits assigned to each voltage phase*
Assigned Circuit to Circuit 1		15001						Analog Value	2	R	NV			*Virtual Meter - Number of Circuits assigned to Line 1*
Assigned Circuit to Circuit 2		15002						Analog Value	3	R	NV			*Virtual Meter - Number of Circuits assigned to Line 2*
Assigned Circuit to Circuit 3		15003						Analog Value	4	R	NV			*Virtual Meter - Number of Circuits assigned to Line 3*
CT Size		15004	15006					Analog Value	5 - 7	R	NV	Amps		*True Meter - Read only registers (Use **Meter Configuration** registers to set when configured)* *Virtual Meter - Not used (always 0)*
CT Size - Assigned Circuit 1		15004						Analog Value	5	R	NV	Amps		
CT Size - Assigned Circuit 2		15005						Analog Value	6	R	NV	Amps		
CT Size - Assigned Circuit 3		15006						Analog Value	7	R	NV	Amps		
Breaker Size		15007	15009					Analog Value	8 - 10	See Notes	NV	Amps	0 - 32000	*True Meter - Read Only, Virtual Meter - Writable (used for alarming)*
Breaker Size - Assigned Circuit 1		15007						Analog Value	8	See Notes	NV	Amps	0 - 32000	
Breaker Size - Assigned Circuit 2		15008						Analog Value	9	See Notes	NV	Amps	0 - 32000	
Breaker Size - Assigned Circuit 3		15009						Analog Value	10	See Notes	NV	Amps	0 - 32000	
Voltage Phase		15010	15012					Analog Value	11 - 13	R	NV			*Read Only Registers (Use **Meter Configuration** registers to set when configured as True Meter)*
Voltage Phase - Assigned Circuit 1		15010						Analog Value	11	R	NV			*Virtual Meter - Always 0 (Line 1)*
Voltage Phase - Assigned Circuit 2		15011						Analog Value	12	R	NV			*Virtual Meter - Always 1 (Line 2)*
Voltage Phase - Assigned Circuit 3		15012						Analog Value	13	R	NV			*Virtual Meter - Always 2 (Line 3)*
Command/Reset		15013								See Notes	NV			*Always Reads 0 (True Meter - Read Only, Virtual Meter - Writable)* *20097 = Reset Max Demand, 29877 = Reset Max kW and Current, 31010 = Clear All Latching Alarms*
Alarm Status Meter Summary - All Phases		15014						BitString Value	1	See Notes	NV			*Bit1 = High Latching Alarm, Bit2 = Low Latching Alarm,*
Alarm Status - Circuit 1		15015						BitString Value	2	See Notes	NV			*Bit8 = High Non-Latching Alarm, Bit9 = Low Non-Latching Alarm,*
Alarm Status - Circuit 2		15016						BitString Value	3	See Notes	NV			*Bit11 = Waveform Capture (True Meter Only), Bit12 = Zero Current Detected (True Meter Only),*
Alarm Status - Circuit 3		15017						BitString Value	4	See Notes	NV			*Bit13 = Voltage Presence State (True Meter Only),Bit 14 = Voltage Presence Change (True Meter Only)*
Meter Mode		15018								R	NV			*0 = Not Used, 1 = True Meter, 2 = Virtual Meter*
Reserved		15019								R				*Not Used (Always 0)*
Meter Name - 40 Characters (20 Register)		15020	15039							R/W/L	NV			
Custom Meter #1 Voltage														
Frequency		15040				15060	15061	Analog Input	1	R		Hz		
Voltage LN		15041	15044			15062	15069	Analog Input	2 - 5	R		Volts		
Voltage LN - Average of Assigned Circuit		15041				15062	15063	Analog Input	2	R		Volts		
Voltage LN - Assigned Circuit 1		15042				15064	15065	Analog Input	3	R		Volts		*Always 0 (Line 1) when configured as Virtual Meter*
Voltage LN - Assigned Circuit 2		15043				15066	15067	Analog Input	4	R		Volts		*Always 1 (Line 2) when configured as Virtual Meter*
Voltage LN - Assigned Circuit 3		15044				15068	15069	Analog Input	5	R		Volts		*Always 2 (Line 2) when configured as Virtual Meter*
Voltage LN THD		15045	15048			15070	15077	Analog Input	6 - 9	R		Volts		
Voltage LN THD - Average of Assigned Circuit		15045				15070	15071	Analog Input	6	R		Volts		
Voltage LN THD - Assigned Circuit 1		15046				15072	15073	Analog Input	7	R		Volts		*Always 0 (Line 1) when configured as Virtual Meter*
Voltage LN THD - Assigned Circuit 2		15047				15074	15075	Analog Input	8	R		Volts		*Always 1 (Line 2) when configured as Virtual Meter*
Voltage LN THD - Assigned Circuit 3		15048				15076	15077	Analog Input	9	R		Volts		*Always 2 (Line 2) when configured as Virtual Meter*

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Additional Information														
Serial Number Assigned to Circuit 1		15094	15095							R	NV			*Virtual Meter - Not used (always 0)*
Serial Number Assigned to Circuit 2		15096	15097							R	NV			*Virtual Meter - Not used (always 0)*
Serial Number Assigned to Circuit 3		15098	15099							R	NV			*Virtual Meter - Not used (always 0)*
Custom Meter #1 Total/Average		15100												
Energy Scale		15100												*Scale values are only used for Integer registers*
Power Scale		15101												*Scale values are only used for Integer registers*
Current Scale		15102												*Scale values are only used for Integer registers*
Voltage Scale		15103												*Scale values are only used for Integer registers*
Alarm Status		15104												*Same as register 15014*
kWh		15105	15106			15300	15301	Analog Input	10	R	NV	kWh		
kVARh		15107	15108			15302	15303	Analog Input	11	R	NV	kVARh		
kVAh		15109	15110			15304	15305	Analog Input	12	R	NV	kVAh		
kW		15111				15306	15307	Analog Input	13	R		kW		
kVAR		15112				15308	15309	Analog Input	14	R		kVAR		
kVA		15113				15310	15311	Analog Input	15	R		kVA		
Current		15114				15312	15313	Analog Input	16	R		Amps		
Power Factor Average		15115				15314	15315	Analog Input	17	R			0 - 1.0	*Average Power Factor is not signed*
Neutral Current		15116				15316	15317	Analog Input	18			Amps		*Virtual Meter - Not used (always 0)*
Current THD Average		15117				15318	15319	Analog Input	19	R		Percent		*Virtual Meter - Not used (always 0)*
Max Current		15118				15320	15321	Analog Input	20	R		Amps		
Max kW		15119				15322	15323	Analog Input	21	R		kW		
Current Demand		15120				15324	15325	Analog Input	22	R		Amps		*Virtual Meter - Not used (always 0)*
kW Demand		15121				15326	15327	Analog Input	23	R		kW		*Virtual Meter - Not used (always 0)*
Max Current Demand		15122				15328	15329	Analog Input	24	R		Amps		*Virtual Meter - Not used (always 0)*
Max kW Demand		15123				15330	15331	Analog Input	25	R		kW		*Virtual Meter - Not used (always 0)*
KWH Snapshot		15124	15125			15332	15333	Analog Input	26	R		kWh		*Virtual Meter - Not used (always 0)*
Crest Factor		15126				15334	15335	Analog Input	27	R				*Virtual Meter - Not used (always 0)*
Custom Meter #1 Circuit 1														*When used as Virtual Meter Circuit 1 will be the summation for Line 1*
Energy Scale		15150												*Scale values are only used for Integer registers*
Power Scale		15151												*Scale values are only used for Integer registers*
Current Scale		15152												*Scale values are only used for Integer registers*
Voltage Scale		15153												*Scale values are only used for Integer registers*
Alarm Status		15154												*Same as register 15015*
kWh		15155	15156			15350	15351	Analog Input	28	R	NV	kWh		
kVARh		15157	15158			15352	15353	Analog Input	29	R	NV	kVARh		
kVAh		15159	15160			15354	15355	Analog Input	30	R	NV	kVAh		
kW		15161				15356	15357	Analog Input	31	R		kW		
kVAR		15162				15358	15359	Analog Input	32	R		kVAR		
kVA		15163				15360	15361	Analog Input	33	R		kVA		
Current		15164				15362	15363	Analog Input	34	R		Amps		
Power Factor		15165				15364	15365	Analog Input	35	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle		15166				15366	15367	Analog Input	36	R		Degrees	-90° - 90°	
Percent THD		15167				15368	15369	Analog Input	37	R		Percent		*Virtual Meter - Not used (always 0)*
Max Current		15168				15370	15371	Analog Input	38	R		Amps		
Max kW		15169				15372	15373	Analog Input	39	R		kW		
Current Demand		15170				15374	15375	Analog Input	40	R		Amps		*Virtual Meter - Not used (always 0)*
kW Demand		15171				15376	15377	Analog Input	41	R		kW		*Virtual Meter - Not used (always 0)*
Max Current Demand		15172				15378	15379	Analog Input	42	R		Amps		*Virtual Meter - Not used (always 0)*
Max kW Demand		15173				15380	15381	Analog Input	43	R		kW		*Virtual Meter - Not used (always 0)*
KWH Snapshot		15174	15175			15382	15383	Analog Input	44	R		kWh		*Virtual Meter - Not used (always 0)*

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Crest Factor		15176				15384	15385	Analog Input	45	R				*Virtual Meter - Not used (always 0)*
Breaker Utilization		15177				15386	15387	Analog Input	46	R		Percent		*(Current / Breaker Size) * 100*
Cusom Meter #1 Circuit 2														*When used as Virtual Meter Circuit 2 will be the summation for Line 2*
Energy Scale		15200												*Scale values are only used for Integer registers*
Power Scale		15201												*Scale values are only used for Integer registers*
Current Scale		15202												*Scale values are only used for Integer registers*
Voltage Scale		15203												*Scale values are only used for Integer registers*
Alarm Status		15204												*Same as register 15016*
kWh		15205	15206			15400	15401	Analog Input	47	R	NV	kWh		
kVARh		15207	15208			15402	15403	Analog Input	48	R	NV	kVARh		
kVAh		15209	15210			15404	15405	Analog Input	49	R	NV	kVAh		
kW		15211				15406	15407	Analog Input	50	R		kW		
kVAR		15212				15408	15409	Analog Input	51	R		kVAR		
kVA		15213				15410	15411	Analog Input	52	R		kVA		
Current		15214				15412	15413	Analog Input	53	R		Amps		
Power Factor		15215				15414	15415	Analog Input	54	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle		15216				15416	15417	Analog Input	55	R		Degrees	-90° - 90°	
Percent THD		15217				15418	15419	Analog Input	56	R		Percent		*Virtual Meter - Not used (always 0)*
Max Current		15218				15420	15421	Analog Input	57	R		Amps		
Max kW		15219				15422	15423	Analog Input	58	R		kW		
Current Demand		15220				15424	15425	Analog Input	59	R		Amps		*Virtual Meter - Not used (always 0)*
kW Demand		15221				15426	15427	Analog Input	60	R		kW		*Virtual Meter - Not used (always 0)*
Max Current Demand		15222				15428	15429	Analog Input	61	R		Amps		*Virtual Meter - Not used (always 0)*
Max kW Demand		15223				15430	15431	Analog Input	62	R		kW		*Virtual Meter - Not used (always 0)*
KWH Snapshot		15224	15225			15432	15433	Analog Input	63	R		kWh		*Virtual Meter - Not used (always 0)*
Crest Factor		15226				15434	15435	Analog Input	64	R				*Virtual Meter - Not used (always 0)*
Breaker Utilization		15227				15436	15437	Analog Input	65	R		Percent		*(Current / Breaker Size) * 100*
Custom Meter #1 Circuit 3														*When used as Virtual Meter Circuit 3 will be the summation for Line 3*
Energy Scale		15250												*Scale values are only used for Integer registers*
Power Scale		15251												*Scale values are only used for Integer registers*
Current Scale		15252												*Scale values are only used for Integer registers*
Voltage Scale		15253												*Scale values are only used for Integer registers*
Alarm Status		15254												*Same as register 15017*
kWh		15255	15256			15450	15451	Analog Input	66	R	NV	kWh		
kVARh		15257	15258			15452	15453	Analog Input	67	R	NV	kVARh		
kVAh		15259	15260			15454	15455	Analog Input	68	R	NV	kVAh		
kW		15261				15456	15457	Analog Input	69	R		kW		
kVAR		15262				15458	15459	Analog Input	70	R		kVAR		
kVA		15263				15460	15461	Analog Input	71	R		kVA		
Current		15264				15462	15463	Analog Input	72	R		Amps		
Power Factor		15265				15464	15465	Analog Input	73	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle		15266				15466	15467	Analog Input	74	R		Degrees	-90° - 90°	
Percent THD		15267				15468	15469	Analog Input	75	R		Percent		*Virtual Meter - Not used (always 0)*
Max Current		15268				15470	15471	Analog Input	76	R		Amps		
Max kW		15269				15472	15473	Analog Input	77	R		kW		
Current Demand		15270				15474	15475	Analog Input	78	R		Amps		*Virtual Meter - Not used (always 0)*
kW Demand		15271				15476	15477	Analog Input	79	R		kW		*Virtual Meter - Not used (always 0)*
Max Current Demand		15272				15478	15479	Analog Input	80	R		Amps		*Virtual Meter - Not used (always 0)*
Max kW Demand		15273				15480	15481	Analog Input	81	R		kW		*Virtual Meter - Not used (always 0)*
KWH Snapshot		15274	15275			15482	15483	Analog Input	82	R		kWh		*Virtual Meter - Not used (always 0)*
Crest Factor		15276				15484	15485	Analog Input	83	R				*Virtual Meter - Not used (always 0)*
Breaker Utilization		15277				15486	15487	Analog Input	84	R		Percent		*(Current / Breaker Size) * 100*

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Scale	Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Custom Meter #2	2	15500	15999											Custom Meter #2 = Custom Meter #1 + 500
Custom Meter #3	3	16000	16499											Custom Meter #3 = Custom Meter #1 + 1000
Custom Meter #4	4	16500	16999											Custom Meter #4 = Custom Meter #1 + 1500
Custom Meter #5	5	17000	17499											Custom Meter #5 = Custom Meter #1 + 2000
Custom Meter #6	6	17500	17999											Custom Meter #6 = Custom Meter #1 + 2500
Custom Meter #7	7	18000	18499											Custom Meter #7 = Custom Meter #1 + 3000
Custom Meter #8	8	18500	18999											Custom Meter #8 = Custom Meter #1 + 3500
Custom Meter #9	9	19000	19499											Custom Meter #9 = Custom Meter #1 + 4000
Custom Meter #10	10	19500	19999											Custom Meter #10 = Custom Meter #1 + 4500
Custom Meter #11	11	20000	20499											Custom Meter #11 = Custom Meter #1 + 5000
Custom Meter #12	12	20500	20999											Custom Meter #12 = Custom Meter #1 + 5500
Custom Meter #13	13	21000	21499											Custom Meter #13 = Custom Meter #1 + 6000
Custom Meter #14	14	21500	21999											Custom Meter #14 = Custom Meter #1 + 6500
Custom Meter #15	15	22000	22499											Custom Meter #15 = Custom Meter #1 + 7000
Custom Meter #16	16	22500	22999											Custom Meter #16 = Custom Meter #1 + 7500
Custom Meter #17	17	23000	23499											Custom Meter #17 = Custom Meter #1 + 8000
Custom Meter #18	18	23500	23999											Custom Meter #18 = Custom Meter #1 + 8500
Custom Meter #19	19	24000	24499											Custom Meter #19 = Custom Meter #1 + 9000
Custom Meter #20	20	24500	24999											Custom Meter #20 = Custom Meter #1 + 9500
Custom Meter #21	21	25000	25499											Custom Meter #21 = Custom Meter #1 + 10000
Custom Meter #22	22	25500	25999											Custom Meter #22 = Custom Meter #1 + 10500
Custom Meter #23	23	26000	26499											Custom Meter #23 = Custom Meter #1 + 11000
Custom Meter #24	24	26500	26999											Custom Meter #24 = Custom Meter #1 + 11500
Custom Meter #25	25	27000	27499											Custom Meter #25 = Custom Meter #1 + 12000
Custom Meter #26	26	27500	27999											Custom Meter #26 = Custom Meter #1 + 12500
Custom Meter #27	27	28000	28499											Custom Meter #27 = Custom Meter #1 + 13000
Custom Meter #28	28	28500	28999											Custom Meter #28 = Custom Meter #1 + 13500
Custom Meter #29	29	29000	29499											Custom Meter #29 = Custom Meter #1 + 14000
Custom Meter #30	30	29500	29999											Custom Meter #30 = Custom Meter #1 + 14500
Custom Meter #31	31	30000	30499											Custom Meter #31 = Custom Meter #1 + 15000
Custom Meter #32	32	30500	30999											Custom Meter #32 = Custom Meter #1 + 15500
Custom Meter #33	33	31000	31499											Custom Meter #33 = Custom Meter #1 + 16000
Custom Meter #34	34	31500	31999											Custom Meter #34 = Custom Meter #1 + 16500
Custom Meter #35	35	32000	32499											Custom Meter #35 = Custom Meter #1 + 17000
Custom Meter #36	36	32500	32999											Custom Meter #36 = Custom Meter #1 + 17500
Custom Meter #37	37	33000	33499											Custom Meter #37 = Custom Meter #1 + 18000
Custom Meter #38	38	33500	33999											Custom Meter #38 = Custom Meter #1 + 18500
Custom Meter #39	39	34000	34499											Custom Meter #39 = Custom Meter #1 + 19000
Custom Meter #40	40	34500	34999											Custom Meter #40 = Custom Meter #1 + 19500
Custom Meter #41	41	35000	35499											Custom Meter #41 = Custom Meter #1 + 20000
Custom Meter #42	42	35500	35999											Custom Meter #42 = Custom Meter #1 + 20500
Custom Meter #43	43	36000	36499											Custom Meter #43 = Custom Meter #1 + 21000
Custom Meter #44	44	36500	36999											Custom Meter #44 = Custom Meter #1 + 21500
Custom Meter #45	45	37000	37499											Custom Meter #45 = Custom Meter #1 + 22000
Custom Meter #46	46	37500	37999											Custom Meter #46 = Custom Meter #1 + 22500
Custom Meter #47	47	38000	38499											Custom Meter #47 = Custom Meter #1 + 23000
Custom Meter #48	48	38500	38999											Custom Meter #48 = Custom Meter #1 + 23500
Custom Meter #49	49	39000	39499											Custom Meter #49 = Custom Meter #1 + 24000
Custom Meter #50	50	39500	39999											Custom Meter #50 = Custom Meter #1 + 24500
Custom Meter #51	51	40000	40499											Custom Meter #51 = Custom Meter #1 + 25000
Custom Meter #52	52	40500	40999											Custom Meter #52 = Custom Meter #1 + 25500
Custom Meter #53	53	41000	41499											Custom Meter #53 = Custom Meter #1 + 26000
Custom Meter #54	54	41500	41999											Custom Meter #54 = Custom Meter #1 + 26500
Custom Meter #55	55	42000	42499											Custom Meter #55 = Custom Meter #1 + 27000

Yellow text indicates features which are not yet implemented

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Scale	Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R - Read W - Write L - Lock R/W/L	NV	Units	Range	Notes
Custom Meter #56	56	42500	42999											*Custom Meter #56 = Custom Meter #1 + 27500*
Custom Meter #57	57	43000	43499											*Custom Meter #57 = Custom Meter #1 + 28000*
Custom Meter #58	58	43500	43999											*Custom Meter #58 = Custom Meter #1 + 28500*
Custom Meter #59	59	44000	44499											*Custom Meter #59 = Custom Meter #1 + 29000*
Custom Meter #60	60	44500	44999											*Custom Meter #60 = Custom Meter #1 + 29500*
Custom Meter #61	61	45000	45499											*Custom Meter #61 = Custom Meter #1 + 30000*
Custom Meter #62	62	45500	45999											*Custom Meter #62 = Custom Meter #1 + 30500*
Custom Meter #63	63	46000	46499											*Custom Meter #63 = Custom Meter #1 + 31000*
Custom Meter #64	64	46500	46999											*Custom Meter #64 = Custom Meter #1 + 31500*
Custom Meter #65	65	47000	47499											*Custom Meter #65 = Custom Meter #1 + 32000*
Custom Meter #66	66	47500	47999											*Custom Meter #66 = Custom Meter #1 + 32500*
Custom Meter #67	67	48000	48499											*Custom Meter #67 = Custom Meter #1 + 33000*
Custom Meter #68	68	48500	48999											*Custom Meter #68 = Custom Meter #1 + 33500*
Custom Meter #69	69	49000	49499											*Custom Meter #69 = Custom Meter #1 + 34000*
Custom Meter #70	70	49500	49999											*Custom Meter #70 = Custom Meter #1 + 34500*
Custom Meter #71	71	50000	50499											*Custom Meter #71 = Custom Meter #1 + 35000*
Custom Meter #72	72	50500	50999											*Custom Meter #72 = Custom Meter #1 + 35500*
Custom Meter #73	73	51000	51499											*Custom Meter #73 = Custom Meter #1 + 36000*
Custom Meter #74	74	51500	51999											*Custom Meter #74 = Custom Meter #1 + 36500*
Custom Meter #75	75	52000	52499											*Custom Meter #75 = Custom Meter #1 + 37000*
Custom Meter #76	76	52500	52999											*Custom Meter #76 = Custom Meter #1 + 37500*
Custom Meter #77	77	53000	53499											*Custom Meter #77 = Custom Meter #1 + 38000*
Custom Meter #78	78	53500	53999											*Custom Meter #78 = Custom Meter #1 + 38500*
Custom Meter #79	79	54000	54499											*Custom Meter #79 = Custom Meter #1 + 39000*
Custom Meter #80	80	54500	54999											*Custom Meter #80 = Custom Meter #1 + 39500*
Custom Meter #81	81	55000	55499											*Custom Meter #81 = Custom Meter #1 + 40000*
Custom Meter #82	82	55500	55999											*Custom Meter #82 = Custom Meter #1 + 40500*
Custom Meter #83	83	56000	56499											*Custom Meter #83 = Custom Meter #1 + 41000*
Custom Meter #84	84	56500	56999											*Custom Meter #84 = Custom Meter #1 + 41500*
Custom Meter #85	85	57000	57499											*Custom Meter #85 = Custom Meter #1 + 42000*
Custom Meter #86	86	57500	57999											*Custom Meter #86 = Custom Meter #1 + 42500*
Custom Meter #87	87	58000	58499											*Custom Meter #87 = Custom Meter #1 + 43000*
Custom Meter #88	88	58500	58999											*Custom Meter #88 = Custom Meter #1 + 43500*
Custom Meter #89	89	59000	59499											*Custom Meter #89 = Custom Meter #1 + 44000*
Custom Meter #90	90	59500	59999											*Custom Meter #90 = Custom Meter #1 + 44500*
Custom Meter #91	91	60000	60499											*Custom Meter #91 = Custom Meter #1 + 45000*
Custom Meter #92	92	60500	60999											*Custom Meter #92 = Custom Meter #1 + 45500*
Custom Meter #93	93	61000	61499											*Custom Meter #93 = Custom Meter #1 + 46000*
Custom Meter #94	94	61500	61999											*Custom Meter #94 = Custom Meter #1 + 46500*
Custom Meter #95	95	62000	62499											*Custom Meter #95 = Custom Meter #1 + 47000*
Custom Meter #96	96	62500	62999											*Custom Meter #96 = Custom Meter #1 + 47500*