NetShelter Rack PDU Modbus Register Map

RPDU2g
Release Date: May 2024
TME45037

NOTE on Special Data :
1. Received data with a value of -1 (or 0xFFFF or 65535 in different format) for the register(s) means the item is not supported or does not exist. Different Rack PDU series support different items.
2. Recevied data with a value of -2 (or 0xFFFE or 65554 in different format), or -3,-4... for the register(s) means the data is inaccessible.

NOTE on NPS Group Data Reading:
Fill Client ID as the querying Rack PDU's display ID in the NPS group.

NOTE for NMC2 rPDU:
The registers whose Data Point column contains “None&” are not applicable to Rack PDUs with Network Management Card 2 (NMC2). These are reserved for future use.

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
NMC About Parameters								
40001	0000	0	NMC_BM_VERSION	8	ASCII		Boot monitor version	ReadOnly
40009	0008	8	NMC_AOS_VERSION	8	ASCII		AOS version	ReadOnly
40017	0010	16	NMC_APP_VERSION	8	ASCII		APP version	ReadOnly
40025	0018	24	NMC_SERIAL_NUMBER	8	ASCII		NMC Serial Number	ReadOnly
40033	0020	32	NMC_AOS_BUILD_DATE	8	ASCII		AOS build date	ReadOnly
40041	0028	40	NMC_APP_BUILD_DATE	8	ASCII		APP build date	ReadOnly
40049	0030	48	NMC_BM_BUILD_DATE	8	ASCII		Boot monitor build date	ReadOnly
40057	0038	56	NMC_UPTIME_STRING	20	ASCII		NMC Uptime String: 0 Days 0 Hours 48 Minutes	ReadOnly
40077	004C	76	RESERVED_NMC	52	INTEGER	1	Reserved for future use.	ReadOnly
RPDU About parameters (Property, Identification)								
40129	0080	128	MODEL_NUMBER&APP_MODEL_NUMBER	10	ASCII		Model Number	ReadOnly
40139	008A	138	MANUFACTURE_DATE	8	ASCII		Manufacture Date in MM/dd/yyyyy format	ReadOnly
40147	0092	146	SERIAL_NUMBER	8	ASCII		Serial Number	ReadOnly
40155	009A	154	HARDWARE_REVISION	4	ASCII		Hardware revision	ReadOnly
40159	009E	158	NUMBER_OF_PHASES	1	INTEGER	1	Number of Present Phases	ReadOnly
40160	009F	159	NUMBER_OF_METERED_PHASES	1	INTEGER	1	Number of Metered Phases	ReadOnly
40161	00A0	160	NUMBER_OF_BANKS	1	INTEGER	1	Number of Metered Banks	ReadOnly
40162	00A1	161	NUMBER_OF_OUTLETS	1	INTEGER	1	Number of Outlets	ReadOnly
40163	00A2	162	NUMBER_OF_MONITORED_OUTLETS	1	INTEGER	1	Number of Metered Outlets	ReadOnly
40164	00A3	163	NUMBER_OF_CONTROLLABLE_OUTLETS	1	INTEGER	1	Number of Switched Outlets	ReadOnly
40165	00A4	164	DEVICE_POWER_RATING	1	INTEGER	10	Rack PDU Power Rating in KilloWatts	ReadOnly
40166	00A5	165	DEVICE_CURRENT_RATING	1	INTEGER	1	Rack PDU Currentr Rating in Amps	ReadOnly
40167	00A6	166	OUTLET_PHASE_LAYOUT	1	INTEGER	1	Rack PDU Outlet Phase Layout Value not greater than 7: Outlets are L-N connection Value greater than 7: Outlets are L-L connection (Only AP8870 exception, it has L1-N, L1-L2)	ReadOnly
40168	00A7	167	RESERVED_DEVICE_PROP	40	INTEGER	1	Reserved for future use.	ReadOnly

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
Device Status (Measurement)								
40208	00CF	207	DEVICE_REAL_LOAD_POWER	1	INTEGER	100	Device Real Load Power in kW	ReadOnly
40209	00D0	208	DEVICE_APPARENT_LOAD_POWER	1	INTEGER	100	Device Apparent Load Power kVA	ReadOnly
40210	00D1	209	DEVICE_POWER_FACTOR	1	INTEGER	100	Device Power Factor	ReadOnly
40211	00D2	210	DEVICE_ENERGY	2	INTEGER	10	Device Energy in kWh	ReadOnly
40213	00D4	212	DEVICE_STATE	1	ENUM	1	Device State of Power Load 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly
40214	00D5	213	DEVICE_PEAK_POWER	1	INTEGER	100	Device Peak Power in kW	ReadOnly
40215	00D6	214	DEVICE_PEAK_POWER_CAPTURE_TIME	11	ASCII		Device Peak Power Capture Time MM/dd/yyyy hh:mm:ss, e.g,11/02/2023 14:00:00	ReadOnly
40226	00E1	225	DEVICE_PEAK_POWER_START_TIME	11	ASCII		Device Peak Power Start Time MM/dd/yyyy hh:mm:ss, e.g,11/02/2023 14:00:00	ReadOnly
40237	00EC	236	DEVICE_ENERGY_START_TIME	11	ASCII		Device Energy Start Time MM/dd/yyyy hh:mm:ss, e.g,11/02/2023 14:00:00	ReadOnly
40248	00F7	247	RESERVED_DEV_STATUS	10	INTEGER	1	Reserved for future use.	
Device Configuration								ReadOnly
40258	0101	257	DEVICE_LOW_LOAD_THRESHOLD	1	INTEGER	10	Device Low Load Threshold in kW	ReadOnly
40259	0102	258	DEVICE_NEAR_OVERLOAD_THRESHOLD	1	INTEGER	10	Device Near Overload Threshold in kW	ReadOnly
40260	0103	259	DEVICE_OVERLOAD_THRESHOLD	1	INTEGER	10	Device Overload Threshold in kW	ReadOnly
40261	0104	260	COLDSTART_DELAY_TIME	1	INTEGER	1	Coldstart Delay time in seconds -1: represents a "Never Power ON" Condition or Outlets are not controllable 0: Immediate Power On 1-300(0x12C): Delay in seconds	ReadOnly
40262	0105	261	NMC_NAME	125	ASCII		Device Name	ReadOnly
40387	0182	386	NMC_LOCATION	125	ASCII		Device Location	ReadOnly
40512	01FF	511	NMC_CONTACT	125	ASCII		Device Contact	ReadOnly
40637	027C	636	DISPLAY_ID	1	INTEGER	1	Display Display ID (1 to 4 for AP8xxx, 1 to 32 for APDU9xxx, 0xFF means device not active)	ReadOnly
40638	027D	637	RESERVED_DEVICE_CONFIG	19	INTEGER	1	Reserved for future use.	ReadOnly
Phase Status (Measurement)								
40657	0290	656	PHASE_LOAD_PEAK_CURRENT_START_TIME	11	ASCII	10	All Phase(s) Peak Current Start Time (Last reset time) Format is like MM/dd/yyyy hh:mm:ss, 11/02/2023 14:00:00	ReadOnly
Phase L1 Status								
40668	029B	667	PHASE_LOAD_CURRENT_1	1	INTEGER	10	Phase L1 Load Current in amps	ReadOnly
40669	029C	668	PHASE_LOAD_VOLTAGE_1	1	INTEGER	1	Phase L1 Load Voltage in volts	ReadOnly
40670	029D	669	PHASE_LOAD_POWER_1	1	INTEGER	100	Phase L1 Load Power in kW	ReadOnly
40671	029E	670	PHASE_LOAD_APPARENT_POWER_1	1	INTEGER	100	Phase L1 Load Apparent Power in kVA	ReadOnly
40672	029F	671	PHASE_LOAD_POWER_FACTOR_1	1	INTEGER	100	Phase L1 Load Power Factor	ReadOnly
40673	02A0	672	PHASE_STATE_1	1	ENUM	1	Phase L2 Load State 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly
40674	02A1	673	PHASE_LOAD_PEAK_CURRENT_1	1	INTEGER	10	Phase L1 Peak Current in amps	ReadOnly
40675	02A2	674	PHASE_LOAD_PEAK_CURRENT_CAPTURE_TIME_1	11	ASCII		Phase L1 Peak Current Capture Time MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
40686	02AD	685	RESERVED_PHASE_STATUS_1	4	INTEGER	1	Reserved for future use.	ReadOnly
Phase L2 Status								
40690	02B1	689	PHASE_LOAD_CURRENT_2	1	INTEGER	10	Phase L2 Load Current in amps	ReadOnly
40691	02B2	690	PHASE_LOAD_VOLTAGE_2	1	INTEGER	1	Phase L2 Load Voltage in volts	ReadOnly
40692	02B3	691	PHASE_LOAD_POWER_2	1	INTEGER	100	Phase L2 Load Power in kW	ReadOnly
40693	02B4	692	PHASE_LOAD_APPARENT_POWER_2	1	INTEGER	100	Phase L2 Load Apparent Power in kVA	ReadOnly
40694	02B5	693	PHASE_LOAD_POWER_FACTOR_2	1	INTEGER	100	Phase L2 Load Power Factor	ReadOnly
40695	02B6	694	PHASE_STATE_2	1	ENUM	1	Phase L2 Load State 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly
40696	02B7	695	PHASE_LOAD_PEAK_CURRENT_2	1	INTEGER	10	Phase L2 Peak Current in amps	ReadOnly
40697	02B8	696	PHASE_LOAD_PEAK_CURRENT_CAPTURE_TIME_2	11	ASCII		Phase L2 Peak Current Capture Time MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
40708	02C3	707	RESERVED_PHASE_STATUS_2	4	INTEGER		Reserved for future use.	ReadOnly
Phase L3 Status								
40712	02C7	711	PHASE_LOAD_CURRENT_3	1	INTEGER	10	Phase L3 Load Current in amps	ReadOnly
40713	02C8	712	PHASE_LOAD_VOLTAGE_3	1	INTEGER	1	Phase L3 Load Voltage in volts	ReadOnly
40714	02C9	713	PHASE_LOAD_POWER_3	1	INTEGER	100	Phase L3 Load Power in kW	ReadOnly
40715	02CA	714	PHASE_LOAD_APPARENT_POWER_3	1	INTEGER	100	Phase L3 Load Apparent Power in kVA	ReadOnly
40716	02CB	715	PHASE_LOAD_POWER_FACTOR_3	1	INTEGER	100	Phase L3 Load Power Factor	ReadOnly
40717	02CC	716	PHASE_STATE_3	1	ENUM	1	Phase L3 Load State 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly
40718	02CD	717	PHASE_LOAD_PEAK_CURRENT_3	1	INTEGER	10	Phase L3 Peak Current in amps	ReadOnly
40719	02CE	718	PHASE_LOAD_PEAK_CURRENT_CAPTURE_TIME_3	11	ASCII		Phase L3 Peak Current Capture Time MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
40730	02D9	729	RESERVED_PHASE_STATUS_3	4	INTEGER		Reserved for future use.	ReadOnly
Phase Configuration								
40734	02DD	733	PHASE_OVERLOAD_RESTRICTION_1	1	ENUM	1	Restriction on outlet turning ON when Phase L1 Overload 0 - No Restriction 1 - Restricted when Near Over Load 2 - Restricted when Over Load	ReadOnly
40735	02DE	734	PHASE_LOW_LOAD_THRESHOLD_1	1	INTEGER	1	Phase L1 Low Load Threshold in amps	ReadOnly
40736	02DF	735	PHASE_NEAR_OVER_CURRENT_THRESHOLD_1	1	INTEGER	1	Phase L1 Near Over Load Threshold in amps	ReadOnly
40737	02E0	736	PHASE_OVER_CURRENT_THRESHOLD_1	1	INTEGER	1	Phase L1 Over Load Threshold in amps	ReadOnly
40738	02E1	737	RESERVED_PHASE_CONFIG_1	4	INTEGER	1	Reserved for future use.	ReadOnly
40742	02E5	741	PHASE_OVERLOAD_RESTRICTION_2	1	ENUM	1	Restriction on outlet turning ON when Phase L2 Overload 0 - No Restriction 1 - Restricted when Near Over Load 2 - Restricted when Over Load	
40743	02E6	742	PHASE_LOW_LOAD_THRESHOLD_2	1	INTEGER	1	Phase L2 Low Load Threshold in amps	ReadOnly
40744	02E7	743	PHASE_NEAR_OVER_CURRENT_THRESHOLD_2	1	INTEGER	1	Phase L2 Near Over Load Threshold in amps	ReadOnly
40745	02E8	744	PHASE_OVER_CURRENT_THRESHOLD_2	1	INTEGER	1	Phase L2 Over Load Threshold in amps	ReadOnly

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40746	02E9	745	RESERVED_PHASE_CONFIG_2	4	INTEGER	1	Reserved for future use.	ReadOnly
40750	02ED	749	PHASE_OVERLOAD_RESTRICTION_3	1	ENUM	1	Restriction on outlet turning ON when Phase L3 Overload 0 - No Restriction 1 - Restricted when Near Over Load 2 - Restricted when Over Load	ReadOnly
40751	02EE	750	PHASE_LOW_LOAD_THRESHOLD_3	1	INTEGER	1	Phase L3 Low Load Threshold in amps	ReadOnly
40752	02EF	751	PHASE_NEAR_OVER_CURRENT_THRESHOLD_3	1	INTEGER	1	Phase L3 Near Over Load Threshold in amps	ReadOnly
40753	02F0	752	PHASE_OVER_CURRENT_THRESHOLD_3	1	INTEGER	1	Phase L3 Over Load Threshold in amps	ReadOnly
40754	02F1	753	RESERVED_PHASE_CONFIG_3	4	INTEGER	1	Reserved for future use.	ReadOnly
Phase To Phase(for L-L layout Rack PDU only) and Phase Load Balance								
40758	02F5	757	PHASE_BALANCE_LOAD_WARNING_THRESHOLD	1	INTEGER	1	Phase Balance Load Warning Threshold in amps	ReadOnly
40759	02F6	758	PHASE_OUTLET_VOLTAGE_1	1	INTEGER	1	Phase to Phase L1-L2 Voltage in volts	ReadOnly
40760	02F7	759	PHASE_OUTLET_VOLTAGE_2	1	INTEGER	1	Phase to Phase L2-L3 Voltage in volts	ReadOnly
40761	02F8	760	PHASE_OUTLET_VOLTAGE_3	1	INTEGER	1	Phase to Phase L3-L1 Voltage in volts	ReadOnly
40762	02F9	761	PHASE_BALANCE_ALARM_GENERATION&PHASE_BALANCE_ALARM_GENERATION	1	ENUM	1	Phase load balance alarm generation 0 - Disable 1 - Enable	ReadOnly
40763	02FA	762	PHASE_LOAD_BALANCE_DELTA_1&PHASE_BALANCE_LOAD_DELTA_1	1	INTEGER	10	Phase load Balance Delta Current L1-L2 in amps	ReadOnly
40764	02FB	763	PHASE_LOAD_BALANCE_DELTA_2&PHASE_BALANCE_LOAD_DELTA_2	1	INTEGER	10	Phase load Balance Delta Current L2-L3 in amps	ReadOnly
40765	02FC	764	PHASE_LOAD_BALANCE_DELTA_3&PHASE_BALANCE_LOAD_DELTA_3	1	INTEGER	10	Phase load Balance Delta Current L3-L1 in amps	ReadOnly
40766	02FD	765	RESERVED_PHASE2PHASE	4	INTEGER	1	Reserved for future use.	ReadOnly
Bank Status								
40770	0301	769	BANK_LOAD_PEAK_CURRENT_START_TIME	11	ASCII		Bank Peak Current Start Time (All banks Last reset time) MM/dd/yyyy hh:mm:ss, 11/02/2023 14:00:00	ReadOnly
Each row for bank data points supports up to 6 banks. Each bank register length is Column E value dividing 6.								
Bank power and voltage only supported in 11xx advanced rPDU								
Bank 1 to 6 Status								
40781	030C	780	BANK_LOAD_CURRENT_1_TO_6	6	INTEGER	10	Bank Load Current in amps	ReadOnly
40787	0312	786	BANK_LOAD_STATE_1_TO_6	6	ENUM	1	Bank Load Current State 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly
40793	0318	792	BANK_LOAD_PEAK_CURRENT_1_TO_6	6	INTEGER	10	Bank Peak Load Current in amps	ReadOnly
40799	031E	798	BANK_LOAD_PEAK_CURRENT_CAPTURE_TIME_1_TO_6	66	ASCII		Bank Peak Current Capture Time (11 registers each bank) MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
40865	0360	864	None&BANK_LOAD_POWER_1_TO_6	6	INTEGER	100	Bank Load Power in kW	ReadOnly
40871	0366	870	None&BANK_LOAD_VOLTAGE_1_TO_6	6	INTEGER	1	Bank Load Voltage in volts	ReadOnly
40877	036C	876	RESERVED_BANKSTATUS_1_TO_6	24	INTEGER	1	Reserved for future use.	ReadOnly
Bank 7 to 12 Status								
40901	0384	900	BANK_LOAD_CURRENT_7_TO_12	6	INTEGER	10	Bank 7~12 Load Current in amps	ReadOnly
40907	038A	906	BANK_LOAD_STATE_7_TO_12	6	ENUM	1	Bank 7~12 Load Current State 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly

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40913	0390	912	BANK_LOAD_PEAK_CURRENT_7_TO_12	6	INTEGER	10	Bank 7~12 Peak Load Current in amps	ReadOnly
40919	0396	918	BANK_LOAD_PEAK_CURRENT_CAPTURE_TIME_7_TO_12	66	ASCII		Bank 7~12 Peak Current Capture Time (11 registers per Bank) MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
40985	03D8	984	None&BANK_LOAD_POWER_7_TO_12	6	INTEGER	100	Bank 7~12 Load Power in kW	ReadOnly
40991	03DE	990	None&BANK_LOAD_VOLTAGE_7_TO_12	6	INTEGER	1	Bank 7~12 Load Voltage in volts	ReadOnly
40997	03E4	996	RESERVED_BANK_STATUS_7_TO_12	24	INTEGER	1	Reserved for future use.	ReadOnly
Bank Configuration								
Each row for bank data points supports up to 12 banks. Each bank register length is Column E value dividing 12								
41021	03FC	1020	BANK_LOW_LOAD_THRESHOLD_1_TO_12	12	INTEGER	1	Bank 1~12 Low Load Threshold in amps	ReadOnly
41033	0408	1032	BANK_NEAR_OVER_CURRENT_THRESHOLD_1_TO_12	12	INTEGER	1	Bank 1~12 Near Over Load Threshold in amps	ReadOnly
41045	0414	1044	BANK_OVER_CURRENT_THRESHOLD_1_TO_12	12	INTEGER	1	Bank 1~12 Over Current Threshold in amps	ReadOnly
41057	0420	1056	BANK_OVERLOAD_RESTRICTION_1_TO_12	12	ENUM	1	Bank 1~12 Restriction on outlet turning ON when overload 0 - No Restriction 1 - Restricted when Near Over Load 2 - Restricted when Over Load	ReadOnly
41069	042C	1068	BANK_LAYOUT_DESCRIPTION_1_TO_12	12	ENUM		Bank 1~12 Phase Layout 0 - L1-N 1 - L2-N 2 - L3-N 3 - L1-L2 4 - L2-L3 5 - L3-L1	ReadOnly
41081	0438	1080	RESERVED_BANK_CONFIG_1_TO_12	24	INTEGER	1	Reserved for future use.	ReadOnly
Switched or Metered Outlet Common Property								
41105	0450	1104	OUTLET_LAYOUT_DESCRIPTION_1_TO_64	64	ENUM	1	Outlet Phase Layout 0 - L1-N 1 - L2-N 2 - L3-N 3 - L1-L2 4 - L2-L3 5 - L3-L1	ReadOnly
Switched Outlet								
(1) Each row for outlet data points supports up to 64 outlets								
(2) Each outlet dada's register length is decided by total length in Column E dividing 64								
Switched Outlet Status								
41169	0490	1168	OUTLET_STATE_1_TO_64	64	ENUM	1	Outlet 1~64 State OFF/ON Status 0: Outlet OFF 1: Outlet ON 2: Unknown Status	ReadOnly
Switched Outlet Configuration								
41233	04D0	1232	OUTLET_POWER_ON_DELAY_1_TO_64	64	INTEGER	1	Outlet 1~64 Power On Delay -1: represents a "Never Power ON" Condition or Outlet not controllable 0: Immediate Power On 1-7200(0x1C20): Delay in seconds	ReadOnly
41297	0510	1296	OUTLET_POWER_OFF_DELAY_1_TO_64	64	INTEGER	1	Outlet 1~64 Power Off Delay -1: represents a "Never Power OFF" Condition or Outlet not controllable 0: Immediate Power Off 1-7200(0x1C20): Delay in seconds	ReadOnly
41361	0550	1360	OUTLET_REBOOT_DURATION_1_TO_64	64	INTEGER	1	Outlet 1~64 Reboot Duration in Seconds	ReadOnly

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41425	0590	1424	RESERVED1_SW_OUTLET_1_TO_64	64	INTEGER	1	Reserved for future use.	ReadOnly
41489	05D0	1488	RESERVED2_SW_OUTLET_1_TO_64	64	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet Property								
(1) Each row for outlet data supports up to 64 outlets								
(2) Each outlet data's register length is decided by total length in Column E dividing 64								
41553	0610	1552	OUTLET_RECEPTACLE_TYPE_1_TO_64	64	ENUM	1	Outlet Receptacle Type 0 -Unknown Receptacle 1: C13 2: C19 3: 5-15 4: 5-20 5: L6-20	ReadOnly
41617	0650	1616	BANK_NUMBER_FROM_OUTLET_1_TO_64	64	INTEGER	1	Bank Number the outlet is in, it could be 1 to 12	ReadOnly
41681	0690	1680	RESERVED_MTR_OUTLET_PROP_1_TO_64	64	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet Status								
41745	06D0	1744	OUTLET_PEAK_POWER_START_TIME	11	ASCII		All Outlets' Peak Power Start Time (last peak reset) MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
41756	06DB	1755	OUTLET_ENERGY_START_TIME	11	ASCII		All Outlets' Energy Start Time (last energy reset) MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
41767	06E6	1766	RESERVED_MTR_OUTLET_STATUS_ALL	20	INTEGER		Reserved for future use.	ReadOnly
Metered Outlet 1 to 8 Status. The length of registers is for 8 outlets, dividing 8 for a single outlet								
41787	06FA	1786	OUTLET_LOAD_CURRENT_1_TO_8	8	INTEGER	10	Outlet 1 ~ 8 Current in Amps.	ReadOnly
41795	0702	1794	OUTLET_ENERGY_1_TO_8	16	INTEGER	10	Outlet 1 ~ 8 Energy in kWh.	ReadOnly
41811	0712	1810	OUTLET_POWER_1_TO_8	8	INTEGER	1	Outlet 1 ~ 8 Power in Watt.	ReadOnly
41819	071A	1818	OUTLET_ALARM_STATE_1_TO_8	8	ENUM	1	Outlet 1 ~ 8 Alarm State 1 - Low Load 2 - Normal Load 3 - Near overload 4 - Overload	ReadOnly
41827	0722	1826	OUTLET_PEAK_POWER_1_TO_8	8	INTEGER	1	Outlet 1 ~ 8 Peak Power in Watt.	ReadOnly
41835	072A	1834	OUTLET_PEAK_POWER_CAPTURE_TIME_1_TO_8	88	ASCII		Outlet 1 ~ 8 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
41923	0782	1922	RESERVED_MTR_OUTLET_STATUS_1_TO_8	32	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 9 to 16 Status, The length of registers is for 8 outlets, dividing 8 for a single outlet								
41955	07A2	1954	OUTLET_LOAD_CURRENT_9_TO_16	8	INTEGER	10	Outlet 9~16 Current in Amps	ReadOnly
41963	07AA	1962	OUTLET_ENERGY_9_TO_16	16	INTEGER	10	Outlet 9~16 Energy in kWh.	ReadOnly
41979	07BA	1978	OUTLET_POWER_9_TO_16	8	INTEGER	1	Outlet 9~16 Power in Watt	ReadOnly
41987	07C2	1986	OUTLET_ALARM_STATE_9_TO_16	8	ENUM	1	Outlet 9~16 Alarm State (See Outlet 1 to 8 for Detail)	ReadOnly
41995	07CA	1994	OUTLET_PEAK_POWER_9_TO_16	8	INTEGER	1	Outlet 9~16 Peak Power in Watt.	ReadOnly
42003	07D2	2002	OUTLET_PEAK_POWER_CAPTURE_TIME_9_TO_16	88	ASCII		Outlet 9~16 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
42091	082A	2090	RESERVED_MTR_OUTLET_STATUS_9_TO_16	16	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 17 to 24 Status, The length of registers is for 8 outlets, dividing 8 for a single outlet								
42107	083A	2106	OUTLET_LOAD_CURRENT_17_TO_24	8	INTEGER	10	Outlet 17~24 Current in Amps	ReadOnly
42115	0842	2114	OUTLET_ENERGY_17_TO_24	16	INTEGER	10	Outlet 17~24 Energy in kWh	ReadOnly
42131	0852	2130	OUTLET_POWER_17_TO_24	8	INTEGER	1	Outlet 17~24 Power in Watt	ReadOnly
42139	085A	2138	OUTLET_ALARM_STATE_17_TO_24	8	ENUM	1	Outlet 17~24 Alarm State (See Outlet 1 to 8 for Detail)	ReadOnly
42147	0862	2146	OUTLET_PEAK_POWER_17_TO_24	8	INTEGER	1	Outlet 17~24 Outlet Peak Power in Watt	ReadOnly
42155	086A	2154	OUTLET_PEAK_POWER_CAPTURE_TIME_17_TO_24	88	ASCII		Outlet 17~24 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly

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42243	08C2	2242	RESERVED_MTR_OUTLET_STATUS_17_TO_24	16	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 25 to 32 Status. The length of registers is for 8 outlets, dividing 8 for a single outlet								
42259	08D2	2258	OUTLET_LOAD_CURRENT_25_TO_32	8	INTEGER	10	Outlet 25~32 Current in Amps.	ReadOnly
42267	08DA	2266	OUTLET_ENERGY_25_TO_32	16	INTEGER	10	Outlet 25~32 Energy in kWh.	ReadOnly
42283	08EA	2282	OUTLET_POWER_25_TO_32	8	INTEGER	1	Outlet 25~32 Power in Watt.	ReadOnly
42291	08F2	2290	OUTLET_ALARM_STATE_25_TO_32	8	ENUM	1	Outlet 25~32 Alarm State (See Outlet 1 to 8 Detail)	ReadOnly
42299	08FA	2298	OUTLET_PEAK_POWER_25_TO_32	8	INTEGER	1	Outlet 25~32 Peak Power in Watt	ReadOnly
42307	0902	2306	OUTLET_PEAK_POWER_CAPTURE_TIME_25_TO_32	88	ASCII		Outlet 25~32 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
42395	095A	2394	RESERVED_MTR_OUTLET_STATUS_25_TO_32	16	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 33 to 40 Status, The length of registers is for 8 outlets, dividing 8 for a single outlet								
42411	096A	2410	OUTLET_LOAD_CURRENT_33_TO_40	8	INTEGER	10	Outlet 33~40 Current in Amps.	ReadOnly
42419	0972	2418	OUTLET_ENERGY_33_TO_40	16	INTEGER	10	Outlet 33~40 Energy in kWh.	ReadOnly
42435	0982	2434	OUTLET_POWER_33_TO_40	8	INTEGER	1	Outlet 33~40 Power in Watt.	ReadOnly
42443	098A	2442	OUTLET_ALARM_STATE_33_TO_40	8	ENUM	1	Outlet 33~40 Alarm State (See Outlet 1 to 8 Detail)	ReadOnly
42451	0992	2450	OUTLET_PEAK_POWER_33_TO_40	8	INTEGER	1	Outlet 33~40 Peak Power in Watt	ReadOnly
42459	099A	2458	OUTLET_PEAK_POWER_CAPTURE_TIME_33_TO_40	88	ASCII		Outlet 33~40 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
42547	09F2	2546	RESERVED_MTR_OUTLET_STATUS_33_TO_40	16	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 41 to 48 Status, The length of registers is for 8 outlets, dividing 8 for a single outlet								
42563	0A02	2562	OUTLET_LOAD_CURRENT_41_TO_48	8	INTEGER	10	Outlet 41~48 Current in Amps.	ReadOnly
42571	0A0A	2570	OUTLET_ENERGY_41_TO_48	16	INTEGER	10	Outlet 41~48 Energy in kWh.	ReadOnly
42587	0A1A	2586	OUTLET_POWER_41_TO_48	8	INTEGER	1	Outlet 41~48 Power in Watt.	ReadOnly
42595	0A22	2594	OUTLET_ALARM_STATE_41_TO_48	8	ENUM	1	Outlet 41~48 Alarm State (See Outlet 1 to 8 Detail)	ReadOnly
42603	0A2A	2602	OUTLET_PEAK_POWER_41_TO_48	8	INTEGER	1	Outlet 41~48 Peak Power in Watt	ReadOnly
42611	0A32	2610	OUTLET_PEAK_POWER_CAPTURE_TIME_41_TO_48	88	ASCII		Outlet 41~48 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
42699	0A8A	2698	RESERVED_MTR_OUTLET_STATUS_41_TO_48	16	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 49 to 56 Status, The length of registers is for 8 outlets, dividing 8 for a single outlet								
42715	0A9A	2714	OUTLET_LOAD_CURRENT_49_TO_56	8	INTEGER	10	Outlet 49~56 Current in Amps.	ReadOnly
42723	0AA2	2722	OUTLET_ENERGY_49_TO_56	16	INTEGER	10	Outlet 49~56 Energy in kWh.	ReadOnly
42739	0AB2	2738	OUTLET_POWER_49_TO_56	8	INTEGER	1	Outlet 49~56 Power in Watt.	ReadOnly
42747	0ABA	2746	OUTLET_ALARM_STATE_49_TO_56	8	ENUM	1	Outlet 49~56 Alarm State (See Outlet 1 to 8 Detail)	ReadOnly
42755	0AC2	2754	OUTLET_PEAK_POWER_49_TO_56	8	INTEGER	1	Outlet 49~56 Peak Power in Watt	ReadOnly
42763	0ACA	2762	OUTLET_PEAK_POWER_CAPTURE_TIME_49_TO_56	88	ASCII		Outlet 49~56 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
42851	0B22	2850	RESERVED_MTR_OUTLET_STATUS_49_TO_56	16	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 57 to 64 Status, The length of registers is for 8 outlets, dividing 8 for a single outlet								
42867	0B32	2866	OUTLET_LOAD_CURRENT_57_TO_64	8	INTEGER	10	Outlet 57~64 Current in Amps.	ReadOnly
42875	0B3A	2874	OUTLET_ENERGY_57_TO_64	16	INTEGER	10	Outlet 57~64 Energy in kWh.	ReadOnly
42891	0B4A	2890	OUTLET_POWER_57_TO_64	8	INTEGER	1	Outlet 57~64 Power in Watt.	ReadOnly
42899	0B52	2898	OUTLET_ALARM_STATE_57_TO_64	8	ENUM	1	Outlet 57~64 Alarm State (See Outlet 1 to 8 Detail)	ReadOnly
42907	0B5A	2906	OUTLET_PEAK_POWER_57_TO_64	8	INTEGER	1	Outlet 57~64 Peak Power in Watt	ReadOnly
42915	0B62	2914	OUTLET_PEAK_POWER_CAPTURE_TIME_57_TO_64	88	ASCII		Outlet 57~64 Peak Power Capture Time 11 Registers each outlet MM/dd/yyyy hh:mm:ss, e.g, 11/02/2023 14:00:00	ReadOnly
43003	0BBA	3002	RESERVED_MTR_OUTLET_STATUS_57_TO_64	16	INTEGER	1	Reserved for future extension only	ReadOnly

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
Metered Outlet Configuration								
Metered Outlet 1 to 24 Configuration. The length of registers is for 24 outlets, dividing 24 for a single outlet								
43019	0BCA	3018	OUTLET_LOW_LOAD_THRESHOLD_1_TO_24	24	INTEGER	1	Outlet Low Load Threshold in W for Outlet 1~24	ReadOnly
43043	0BE2	3042	OUTLET_NEAR_OVER_CURRENT_THRESHOLD_1_TO_24	24	INTEGER	1	Outlet Near Overload Threshold in W for Outlet 1~24	ReadOnly
43067	0BFA	3066	OUTLET_OVER_CURRENT_THRESHOLD_1_TO_24	24	INTEGER	1	Outlet Overload Threshold in W for Outlet 1~24	ReadOnly
43091	0C12	3090	RESERVED_MTR_OUTLET_CONFIG_1_TO_24	48	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 25 to 48 Configuration. The length of registers is for 24 outlets, dividing 24 for a single outlet								
43139	0C42	3138	OUTLET_LOW_LOAD_THRESHOLD_25_TO_48	24	INTEGER	1	Outlet Low Load Threshold in W for Outlet 25~48	ReadOnly
43163	0C5A	3162	OUTLET_NEAR_OVER_CURRENT_THRESHOLD_25_TO_48	24	INTEGER	1	Outlet Near Overload Threshold in W for Outlet 25~48	ReadOnly
43187	0C72	3186	OUTLET_OVER_CURRENT_THRESHOLD_25_TO_48	24	INTEGER	1	Outlet Overload Threshold in W for Outlet 25~48	ReadOnly
43211	0C8A	3210	RESERVED_MTR_OUTLET_25_TO_48	48	INTEGER	1	Reserved for future use.	ReadOnly
Metered Outlet 49 to 64 Configuration. The length of registers is for 16 outlets, dividing 16 for a single outlet								
43259	0CBA	3258	OUTLET_LOW_LOAD_THRESHOLD_49_TO_64	16	INTEGER	1	Outlet Low Load Threshold in W for Outlet 49 ~ 64	ReadOnly
43275	0CCA	3274	OUTLET_NEAR_OVER_CURRENT_THRESHOLD_49_TO_64	16	INTEGER	1	Outlet Near Overload Threshold in W for Outlet 49 ~ 64	ReadOnly
43291	0CDA	3290	OUTLET_OVER_CURRENT_THRESHOLD_49_TO_64	16	INTEGER	1	Outlet Overload Threshold in W for Outlet 49 ~ 64	ReadOnly
43307	0CEA	3306	RESERVED_MTR_OUTLET_49_TO_64	32	INTEGER	1	Reserved for future use.	ReadOnly
Universal Environment Sensor								
(1) Temperature, T/H and Analog Voltage sensor are all analog sensors. Others like Door Sensor are discrete sensors.								
(2) AP8xxx, APDU9xxx supports only one Temperature Sensor or Temperature/Humidity sensor.								
(3) The 11xx Series Rack PDU may support up to 2 sensors with more types.								
Universal Sensor 1 Status								
43339	0D0A	3338	SENSOR_TYPE_1	1	ENUM	1	Universal Sensor 1 Type 0: Temperature Sensor 1: Smoke Detector 2: Temperature/Humdity Sensor 3: Door Contact Sensor 4: Vibration Sensor 7: Dry Contact Sensor 8: Analog Voltage Sensor 9: Dry Contact I/O Accessory 14: Rope Leak Sensor 15: Spot Leak Sensor 17: Unknown Sensor 18: Not Connected	ReadOnly
43340	0D0B	3339	SENSOR_STATE_1&SENSOR_COMM_STATE_1	1	ENUM	1	Universal Sensor 1 Commnication Status 0: Not Installed 1: Communication Good 2: Communication Lost	ReadOnly
Temperature 1 Status (T or T/H Sensor)								
43341	0D0C	3340	TEMPERATURE_1&SENSOR_TEMPERATURE_1	1	INTEGER	10	Universal Sensor 1 Temperature in Degree C	
43342	0D0D	3341	TEMPERATURE_STATE_1&SENSOR_TEMPERATURE_STATE_1	1	ENUM	1	Universal Sensor 1 Temperature State 0: Not Present 3: Normal 4: Over High Tempearture 5: Over Maximum Temperature	ReadOnly
43343	0D0E	3342	PEAK_TEMPERATURE_CAPTURE_TIME_1&SENSOR_TEMPERATURE_PEAK_TS_1	11	ASCII		Universal Sensor 1 Peak Temperature Capture Time Format is like MM/dd/yyyy hh:mm:ss, 11/02/2023 14:00:00	ReadOnly

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
43354	0D19	3353	PEAK_TEMPERATURE_START_TIME_1&SENSOR_TEMPERATURE_START_TS_1	11	ASCII		Universal Sensor 1 Peak Temperature Reset Time. This time stamp is for all temperature sensors. Format is like MM/dd/yyyy hh:mm:ss, 11/02/2023 10:00:00	ReadOnly
Humidity 1 Status (T/H Sensor only)								
43365	0D24	3364	HUMIDITY_1&SENSOR_HUMIDITY_1	1	INTEGER	1	Universal Sensor 1 Humidity in %RH	ReadOnly
43366	0D25	3365	HUMIDITY_STATE_1&SENSOR_HUMIDITY_STATE_1	1	ENUM	1	Universal Sensor 1 Humdity State 0: Not Present 1: Below Minimum Humidity 2: Below Low Humidity 3: Normal	ReadOnly
Analog Voltage 1 Status (Analog voltage sensor only)								
43367	0D26	3366	None&SENSOR_ANALOG_VOLTAGE_1	1	INTEGER	100	Universal Sensor 1 Analog Voltage in Volts	ReadOnly
43368	0D27	3367	None&SENSOR_VOLTAGE_STATE_1	1	INTEGER	100	Universal Sensor 1 Analog Voltage state 0: Not Present 1: Below Minimum Voltage 3: Normal 5: Over Maximum Voltage	ReadOnly
Discrete Sensor 1 Status (Leak sensor, dry contact,etc.)								
43369	0D28	3368	None&SENSOR_DISCRETE_CURRENT_STATE_ABNORMAL_1	1	ENUM	1	Universal Sensor 1 Discrete State 0: Normal 1: Abnormal	ReadOnly
43370	0D29	3369	RESERVED_UNIV_SENSOR_STATUS_1	10	INTEGER	1	Reserved for future use.	ReadOnly
Universal Sensor 1 Configuration								
Temperature 1 Configuration (T or T/H Sensor)								
43380	0D33	3379	HIGH_TEMPERATURE_ALARM_THRESHOLD_1&SENSOR_TEMPERATURE_HIGH_1	1	INTEGER	1	Universal Sensor 1 High Temperature Threshold	ReadOnly
43381	0D34	3380	MAX_TEMPERATURE_ALARM_THRESHOLD_1&SENSOR_TEMPERATURE_MAX_1	1	INTEGER	1	Universal Sensor 1 Maximum Temperature Threshold	ReadOnly
43382	0D35	3381	TEMPERATURE_ALARM_HYSTERESIS_1&SENSOR_TEMPERATURE_HYST_1	1	INTEGER	1	Universal Sensor 1 Temperature Hysteresis in Degree C	ReadOnly
43383	0D36	3382	SENSOR_TEMP_ALARM_GENERATION_1&SENSOR_TEMPERATURE_ALARMGEN_1	1	INTEGER	1	Universal Sensor 1 Temperature Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when violating thresholds	ReadOnly
Humidity 1 Configuration (T/H Sensor)								
43384	0D37	3383	LOW_HUMIDITY_ALARM_THRESHOLD_1&SENSOR_HUMIDITY_LOW_1	1	INTEGER	1	Universal Sensor 1 Low Humidity Threshold	ReadOnly
43385	0D38	3384	MIN_HUMIDITY_ALARM_THRESHOLD_1&SENSOR_HUMIDITY_MIN_1	1	INTEGER	1	Universal Sensor 1 Minimum Humidity Threshold	ReadOnly
43386	0D39	3385	HUMIDITY_ALARM_HYSTERESIS_1&SENSOR_HUMIDITY_HYST_1	1	INTEGER	1	Universal Sensor 1 Humidity Hysteresis in Degree C	ReadOnly
43387	0D3A	3386	SENSOR_HUMID_ALARM_GENERATION_1&SENSOR_HUMIDITY_ALARMGEN_1	1	ENUM	1	Universal Sensor 1 Humidity Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when violating thresholds	ReadOnly
Analog Voltage 1 Configuration (Analog Voltage Sensor)								
43388	0D3B	3387	None&SENSOR_VOLTAGE_LOW_1	1	INTEGER	100	Universal Sensor 1 Low Voltage Threshold in Volts	ReadOnly
43389	0D3C	3388	None&SENSOR_VOLTAGE_HIGH_1	1	INTEGER	100	Universal Sensor 1 High Voltage Threshold in Volts	ReadOnly
43390	0D3D	3389	None&SENSOR_VOLTAGE_HYST_1	1	INTEGER	100	Universal Sensor 1 Voltage Hysteresis in Volts	ReadOnly
43391	0D3E	3390	None&SENSOR_VOLTAGE_ALARMGEN_1	1	ENUM	1	Universal Sensor 1 Analog Voltage Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when violating thresholds	ReadOnly
Discrete Sensor 1 Configuration (Discrete Sensor, Dry Contact, Leak Detector,etc.)								
43392	0D3F	3391	None&SENSOR_DISCRETE_ALARMGEN_1	1	ENUM	1	Universal Discrete Sensor 1 Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when abnormal	ReadOnly
43393	0D40	3392	RESERVED_UNIV_SENSOR_CONFIG_1	10	INTEGER	1	Reserved for future use.	ReadOnly

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
Universal Sensor 2 Status								
43403	0D4A	3402	None&SENSOR_TYPE_2	1	ENUM	1	Universal Sensor 2 Type 0: Temperature Sensor 1: Smoke Detector 2: Temperature/Humdity Sensor 3: Door Contact Sensor 4: Vibration Sensor 7: Dry Contact Sensor 8: Analog Voltage Sensor 9: Dry Contact I/O Accessory 14: Rope Leak Sensor 15: Spot Leak Sensor 17: Unknown Sensor 18: Not Connected	ReadOnly
43404	0D4B	3403	None&SENSOR_COMM_STATE_2	1	ENUM	1	Universal Sensor 2 Commnication Status 0: Not Installed 1: Communication Good 2: Communication Lost	ReadOnly
Temperature 2 Status (T or T/H Sensor)								
43405	0D4C	3404	None&SENSOR_TEMPERATURE_2	1	INTEGER	10	Universal Sensor 2 Temperature in Degree C	
43406	0D4D	3405	None&SENSOR_TEMPERATURE_STATE_2	1	ENUM	1	Universal Sensor 2 Temperature State 0: Not Present 3: Normal 4: Over High Tempearture 5: Over Maximum Temperature	ReadOnly
43407	0D4E	3406	None&SENSOR_TEMPERATURE_PEAK_TS_2	11	ASCII		Universal Sensor 2 Peak Temperature Capture Time Format is like MM/dd/yyyy hh:mm:ss, 11/02/2023 14:00:00	ReadOnly
43418	0D59	3417	None&SENSOR_TEMPERATURE_START_TS_2	11	ASCII		Universal Sensor 2 Peak Temperature Reset Time. This time stamp is for all temperature sensors. Format is like MM/dd/yyyy hh:mm:ss, 11/02/2023 10:00:00	ReadOnly
Humidity 2 Status (T/H Sensor only)								
43429	0D64	3428	None&SENSOR_HUMIDITY_2	1	INTEGER	1	Universal Sensor 2 Humidity in %RH	ReadOnly
43430	0D65	3429	None&SENSOR_HUMIDITY_STATE_2	1	ENUM	1	Universal Sensor 2 Humdity State 0: Not Present 1: Below Minimum Humidity 2: Below Low Humidity 3: Normal	ReadOnly
Analog Voltage 2 Status (Analog voltage sensor only)								
43431	0D66	3430	None&SENSOR_ANALOG_VOLTAGE_2	1	INTEGER	100	Universal Sensor 2 Analog Voltage in Volts	ReadOnly
43432	0D67	3431	None&SENSOR_VOLTAGE_STATE_2	1	INTEGER	100	Universal Sensor 2 Analog Voltage state 0: Not Present 1: Below Minimum Voltage 3: Normal 5: Over Maximum Voltage	ReadOnly
Discrete Sensor 2 Status (Leak sensor, dry contact, etc.)								
43433	0D68	3432	None&SENSOR_DISCRETE_CURRENT_STATE_ABNORMAL_2	1	ENUM	1	Universal Sensor 2 Discrete State 0: Normal 1: Abnormal	ReadOnly
43434	0D69	3433	RESERVED_UNIV_SENSOR_STATUS_2	10	INTEGER	1	Reserved for future use.	ReadOnly

Modicon Standard Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point (ID_x for 1 instance ID_xTO_y for range if needed)	length # registers	Data Type	Scale (Divide Reading By)	Description	Permission
Universal Sensor 2 Configuration								
Temperature 2 Configuration (T or T/H Sensor)								
43444	0D73	3443	None&SENSOR_TEMPERATURE_HIGH_2	1	INTEGER	1	Universal Sensor 2 High Temperature Threshold	ReadOnly
43445	0D74	3444	None&SENSOR_TEMPERATURE_MAX_2	1	INTEGER	1	Universal Sensor 2 Maximum Temperature Threshold	ReadOnly
43446	0D75	3445	None&SENSOR_TEMPERATURE_HYST_2	1	INTEGER	1	Universal Sensor 2 Temperature Hysteresis in Degree C	ReadOnly
43447	0D76	3446	None&SENSOR_TEMPERATURE_ALARMGEN_2	1	INTEGER	1	Universal Sensor 2 Temperature Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when violating thresholds	ReadOnly
Humidity 2 Configuration (T/H Sensor)								
43448	0D77	3447	None&SENSOR_HUMIDITY_LOW_2	1	INTEGER	1	Universal Sensor 2 Low Humidity Threshold	ReadOnly
43449	0D78	3448	None&SENSOR_HUMIDITY_MIN_2	1	INTEGER	1	Universal Sensor 2 Minimum Humidity Threshold	ReadOnly
43450	0D79	3449	None&SENSOR_HUMIDITY_HYST_2	1	INTEGER	1	Universal Sensor 2 Humidity Hysteresis in Degree C	ReadOnly
43451	0D7A	3450	None&SENSOR_HUMIDITY_ALARMGEN_2	1	ENUM	1	Universal Sensor 2 Humidity Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when violating thresholds	ReadOnly
Analog Voltage 2 Configuration (Analog Voltage Sensor)								
43452	0D7B	3451	None&SENSOR_VOLTAGE_LOW_2	1	INTEGER	100	Universal Sensor 2 Low Voltage Threshold in Volts	ReadOnly
43453	0D7C	3452	None&SENSOR_VOLTAGE_HIGH_2	1	INTEGER	100	Universal Sensor 2 High Voltage Threshold in Volts	ReadOnly
43454	0D7D	3453	None&SENSOR_VOLTAGE_HYST_2	1	INTEGER	100	Universal Sensor 2 Voltage Hysteresis in Volts	ReadOnly
43455	0D7E	3454	None&SENSOR_VOLTAGE_ALARMGEN_2	1	ENUM	1	Universal Sensor 2 Analog Voltage Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when violating thresholds	ReadOnly
Discrete Sensor 2 Configuration (Discrete Sensor, Dry Contact, Leak Detector, etc.)								
43456	0D7F	3455	None&SENSOR_DISCRETE_ALARMGEN_2	1	ENUM	1	Universal Discrete Sensor 2 Alarm Generation 0: Disabled, no alarm triggered 1: Enabled, alarm triggered when abnormal	ReadOnly
43457	0D80	3456	RESERVED_UNIV_SENSOR_CONFIG_2	10	INTEGER	1	Reserved for future use.	ReadOnly