Modbus Number	Download Order	Parameter	Page	Menu>Pathway	Read/Write	Range
1916	1	Hours	Setup	System > Current Time	r/w	(0 to 23) hours
1917	2	Minutes	Setup	System > Current Time	r/w	(0 to 59) minutes
1918	3	Seconds	Setup	System > Current Time	r/w	(0 to 59) seconds
1919	4	Month	Setup	System > Current Date	r/w	(1 to 12) month
1920	5	Day	Setup	System > Current Date	r/w	(1 to 31) day
1921	6	Year	Setup	System > Current Date	r/w	(1998 to 2035) year
900	7	PID Units	Setup	System	r/w	(0) US Reset/Rate, (1) SI Integral/Derivative
901	8	F or C	Setup	System	r/w	(0) F, (1) C
600	9	Sensor	Setup	Analog Input 1	r/w	(0) Thermocouple, (1) RTD, (2) Process, (4) Off
601	10	Type	Setup	Analog Input 1	r/w	(0) J, (1) K, (2) T, (3) E, (4) N, (5) C, (6) D, (7) PT2, (8) R, (9) S, (10) B, (11) JIS, (12) DIN, (13) 4 to 20mA, (14) 0 to 20mA, (15) 0 to 5V, (16) 1 to 5V, (17) 0 to 10V, (18) 0 to 50mV
608	11	Units	Setup	Analog Input 1	r/w	(0) Temperature, (1) Units [3 characters]
606	12	Decimal	Setup	Analog Input 1	r/w	(0) 0, (1) 0.0, (2) 0.00 [process], (3) 0.000 [process]
680	13	Scale Low	Setup	Analog Input 1	r/w	Depends on sensor and decimal point selection.
681	14	Scale High	Setup	Analog Input 1	r/w	Depends on sensor and decimal point selection.
602	15	Set Point Low Limit	Setup	Analog Input 1	r/w	Depends on Sensor
603	16	Set Point High Limit	Setup	Analog Input 1	r/w	Depends on Sensor
605	17	Calibration Offset Value	Setup	Analog Input 1	r/w	(-19999 to 30000) degrees or units
604	18	Filter Time	Setup	Analog Input 1	r/w	(-600 to 600) seconds in tenths
607	19	Error Latch	Setup	Analog Input 1	r/w	(0) Self Clear, (1) Latch
610	20	Sensor	Setup	Analog Input 2	r/w	(0) Thermocouple, (1) RTD, (2) Process, (4) Off
611	21	Type	Setup	Analog Input 2	r/w	(0) J, (1) K, (2) T, (3) E, (4) N, (5) C, (6) D, (7) PT2, (8) R, (9) S, (10) B, (11) JIS, (12) DIN, (13) 4 to 20mA, (14) 0 to 20mA, (15) 0 to 5V, (16) 1 to 5V, (17) 0 to 10V, (18) 0 to 50mV
618	22	Units	Setup	Analog Input 2	r/w	(0) Temperature, (2) psi
1902	23	Altitude	Setup	Analog Input 2	r/w	(0) 0 to 2499 ft, (1) 2500 to 4900, (2) 5000 ft and above
616	24	Decimal	Setup	Analog Input 2	r/w	(0) 0, (1) 0.0, (2) 0.00 [process], (3) 0.000 [process]
682	25	Scale Low	Setup	Analog Input 2	r/w	Depends on sensor and decimal point selection.
683	26	Scale High	Setup	Analog Input 2	r/w	Depends on sensor and decimal point selection.
612	27	Set Point Low Limit	Setup	Analog Input 2	r/w	Depends on Sensor
613	28	Set Point High Limit	Setup	Analog Input 2	r/w	Depends on Sensor
615	29	Calibration Offset	Setup	Analog Input 2	r/w	(-19999 to 30000) degrees or units
614	30	Filter Time	Setup	Analog Input 2	r/w	(-600 to 600) seconds in tenths
617	31	Error Latch	Setup	Analog Input 2	r/w	(0) Self Clear, (1) Latch
620	32	Sensor	Setup	Analog Input 3	r/w	(0) Thermocouple, (1) RTD, (2) Process, (3) [2] Wet Bulb-Dry Bulb, (4) Off
621	33	Type	Setup	Analog Input 3	r/w	(0) J, (1) K, (2) T, (3) E, (4) N, (5) C, (6) D, (7) PT2, (8) R, (9) S, (10) B, (11) JIS, (12) DIN, (13) 4 to 20mA, (14) 0 to 20mA, (15) 0 to 5V, (16) 1 to 5V, (17) 0 to 10V, (18) 0 to 50mV
628	34	Units	Setup	Analog Input 3	r/w	(0) Temperature, (1) Units [3 characters]
626	35	Decimal	Setup	Analog Input 3	r/w	(0) 0, (1) 0.0, (2) 0.00 [process], (3) 0.000 [process]
684	36	Scale Low	Setup	Analog Input 3	r/w	Depends on sensor and decimal point selection.
685	37	Scale High	Setup	Analog Input 3	r/w	Depends on sensor and decimal point selection.
622	38	Set Point Low Limit	Setup	Analog Input 3	r/w	Depends on Sensor
623	39	Set Point High Limit	Setup	Analog Input 3	r/w	Depends on Sensor
625	40	Calibration Offset	Setup	Analog Input 3	r/w	(-19999 to 30000) degrees or units
624	41	Filter Time	Setup	Analog Input 3	r/w	(-600 to 600) seconds in tenths
627	42	Error Latch	Setup	Analog Input 3	r/w	(0) Self Clear, (1) Latch
1925	43	Cascade	Setup	Analog Input 3	r/w	(0) No Cascade, (1) Process Cascade, (2) Deviation Cascade
1926	44	Cascade Low Range (Proc. &	Setup	Analog Input 3	r/w	Depends on sensor and decimal point selection.
1927	45	Cascade High Range (Proc. &	Setup	Analog Input 3	r/w	Depends on sensor and decimal point selection.
1923	46	Show °F or °C	Setup	System	r/w	(0) No, Upper Display, (1) Yes, Upper Display
3000	47	Name (Char 01)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3001	48	Name (Char 02)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3002	49	Name (Char 03)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3003	50	Name (Char 04)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3004	51	Name (Char 05)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z

3005	52	Name (Char 06)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3006	53	Name (Char 07)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3007	54	Name (Char 08)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3008	55	Name (Char 09)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3009	56	Name (Char 10)	Setup	Digital Input 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1060	57	Function	Setup	Digital Input 1	r/w	(0) Off, (1) Panel Lock, (2) Reset Alarm, (3) Control Outputs Off, (4) All Outputs Off, (5) Digital Outputs Off, (6) Start Profile, (7) Pause Profile, (8) Resume Profile, (9) Terminate Profile, (10) Wait for Event
1061	58	Condition	Setup	Digital Input 1	r/w	(0) Low, (1) High
3010	59	Name (Char 01)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3011	60	Name (Char 02)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3012	61	Name (Char 03)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3013	62	Name (Char 04)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3014	63	Name (Char 05)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3015	64	Name (Char 06)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3016	65	Name (Char 07)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3017	66	Name (Char 08)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3018	67	Name (Char 09)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3019	68	Name (Char 10)	Setup	Digital Input 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1062	69	Function	Setup	Digital Input 2	r/w	(0) Off, (1) Panel Lock, (2) Reset Alarm, (3) Control Outputs Off, (4) All Outputs Off, (5) Digital Outputs Off, (6) Start Profile, (7) Pause Profile, (8) Resume Profile, (9) Terminate Profile, (10) Wait for Event
1063	70	Condition	Setup	Digital Input 2	r/w	(0) Low, (1) High
3020	71	Name (Char 01)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3021	72	Name (Char 02)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3022	73	Name (Char 03)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3023	74	Name (Char 04)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3024	75	Name (Char 05)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3025	76	Name (Char 06)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3026	77	Name (Char 07)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3027	78	Name (Char 08)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3028	79	Name (Char 09)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3029	80	Name (Char 10)	Setup	Digital Input 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1064	81	Function	Setup	Digital Input 3	r/w	(0) Off, (1) Panel Lock, (2) Reset Alarm, (3) Control Outputs Off, (4) All Outputs Off, (5) Digital Outputs Off, (6) Start Profile, (7) Pause Profile, (8) Resume Profile, (9) Terminate Profile, (10) Wait for Event
1065	82	Condition	Setup	Digital Input 3	r/w	(0) Low, (1) High
3030	83	Name (Char 01)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3031	84	Name (Char 02)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3032	85	Name (Char 03)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3033	86	Name (Char 04)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3034	87	Name (Char 05)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3035	88	Name (Char 06)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3036	89	Name (Char 07)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3037	90	Name (Char 08)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3038	91	Name (Char 09)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3039	92	Name (Char 10)	Setup	Digital Input 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1066	93	Function	Setup	Digital Input 4	r/w	(0) Off, (1) Panel Lock, (2) Reset Alarm, (3) Control Outputs Off, (4) All Outputs Off, (5) Digital Outputs Off, (6) Start Profile, (7) Pause Profile, (8) Resume Profile, (9) Terminate Profile, (10) Wait for Event
1067	94	Condition	Setup	Digital Input 4	r/w	(0) Low, (1) High
700	95	Function	Setup	Control Output 1A	r/w	(1) Off, (2) Heat [reverse], (3) Cool [direct]
509	96	Choose Cycle Time	Setup	Control Output 1A	r/w	(0) Variable Burst, (1) Fixed Time
506	97	Enter Cycle Time	Setup	Control Output 1A	r/w	(1 to 600) seconds in tenths
701	98	Process	Setup	Control Output 1A	r/w	(0) 4 to 20mA, (1) 0 to 20mA, (2) 0 to 5V, (3) 1 to 5V, (4) 0 to 10V
714	99	High Power Limit	Setup	Control Output 1A	r/w	Low Limit+1 to (100)%
715	100	Low Power Limit	Setup	Control Output 1A	r/w	(0)% to High Limit-1
717	101	Function	Setup	Control Output 1B	r/w	(0) Off, (1) Heat [reverse], (2) Cool [direct]

559	102	Choose Cycle Time	Setup	Control Output 1B	r/w	(0) Variable Burst, (1) Fixed Time
556	103	Enter Cycle Time	Setup	Control Output 1B	r/w	(1 to 600) seconds in tenths
718	104	Process	Setup	Control Output 1B	r/w	(0) 4 to 20mA, (1) 0 to 20mA, (2) 0 to 5V, (3) 1 to 5V, (4) 0 to 10V
731	105	High Power Limit	Setup	Control Output 1B	r/w	Low Limit+1 to (100)%
732	106	Low Power Limit	Setup	Control Output 1B	r/w	(0)% to High Limit-1
734	107	Function	Setup	Control Output 2A	r/w	(1) Off, (2) Heat [reverse], (3) Cool [direct]
2509	108	Choose Cycle Time	Setup	Control Output 2A	r/w	(0) Variable Burst, (1) Fixed Time
2506	109	Enter Cycle Time	Setup	Control Output 2A	r/w	(1 to 600) seconds in tenths
735	110	Process	Setup	Control Output 2A	r/w	(0) 4 to 20mA, (1) 0 to 20mA, (2) 0 to 5V, (3) 1 to 5V, (4) 0 to 10V
748	111	High Power Limit	Setup	Control Output 2A	r/w	Low Limit+1 to (100)%
749	112	Low Power Limit	Setup	Control Output 2A	r/w	(0)% to High Limit-1
751	113	Function	Setup	Control Output 2B	r/w	(0) Off, (1) Heat [reverse], (2) Cool [direct]
2559	114	Choose Cycle Time	Setup	Control Output 2B	r/w	(0) Variable Burst, (1) Fixed Time
2556	115	Enter Cycle Time	Setup	Control Output 2B	r/w	(1 to 600) seconds in tenths
752	116	Process	Setup	Control Output 2B	r/w	(0) 4 to 20mA, (1) 0 to 20mA, (2) 0 to 5V, (3) 1 to 5V, (4) 0 to 10V
765	117	High Power Limit	Setup	Control Output 2B	r/w	Low Limit+1 to (100)%
766	118	Low Power Limit	Setup	Control Output 2B	r/w	(0)% to High Limit-1
3200	119	Name (Char 01)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3201	120	Name (Char 02)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3202	121	Name (Char 03)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3203	122	Name (Char 04)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3204	123	Name (Char 05)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3205	124	Name (Char 06)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3206	125	Name (Char 07)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3207	126	Name (Char 08)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3208	127	Name (Char 09)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3209	128	Name (Char 10)	Setup	Alarm Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
702	129	Alarm Type	Setup	Alarm Output 1	r/w	(0) Off, (1) Process, (2) Deviation
716	130	Alarm Source	Setup	Alarm Output 1	r/w	(0) Input 1, (1) Input 2, (2) Input 3
704	131	Latching	Setup	Alarm Output 1	r/w	(0) Alarm Self-clears, (1) Alarm Latches
705	132	Silencing	Setup	Alarm Output 1	r/w	(0) No, (1) Yes
703	133	Alarm Hysteresis	Setup	Alarm Output 1	r/w	(1 to 30000) degrees or units
706	134	Alarm Sides	Setup	Alarm Output 1	r/w	(0) Both, (1) Low, (2) High
707	135	Alarm Logic	Setup	Alarm Output 1	r/w	(0) Open on Alarm, (1) Close on Alarm
708	136	Alarm Messages	Setup	Alarm Output 1	r/w	(0) Yes on Main Page, (1) No
3210	137	Name (Char 01)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3211	138	Name (Char 02)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3212	139	Name (Char 03)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3213	140	Name (Char 04)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3214	141	Name (Char 05)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3215	142	Name (Char 06)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3216	143	Name (Char 07)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3217	144	Name (Char 08)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3218	145	Name (Char 09)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3219	146	Name (Char 10)	Setup	Alarm Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
719	147	Alarm Type	Setup	Alarm Output 2	r/w	(0) Off, (1) Process, (2) Deviation
733	148	Alarm Source	Setup	Alarm Output 2	r/w	(0) Input 1, (1) Input 2, (2) Input 3
721	149	Latching	Setup	Alarm Output 2	r/w	(0) Alarm Self-clears, (1) Alarm Latches
722	150	Silencing	Setup	Alarm Output 2	r/w	(0) No, (1) Yes
720	151	Alarm Hysteresis	Setup	Alarm Output 2	r/w	(1 to 30000) degrees or units
723	152	Alarm Sides	Setup	Alarm Output 2	r/w	(0) Both, (1) Low, (2) High
724	153	Alarm Logic	Setup	Alarm Output 2	r/w	(0) Open on Alarm, (1) Close on Alarm
725	154	Alarm Messages	Setup	Alarm Output 2	r/w	(0) Yes on Main Page, (1) No
709	155	Retransmit Source	Setup	Retransmit Output 1	r/w	(0) Input 1, (1) Input 2, (2) Input 3, (3) Set Point 1, (4) Set Point 2, (5) Channel 1 Power, (6) Channel 2 Power
836	156	Analog Range	Setup	Retransmit Output 1	r/w	(0) 4 to 20mA, (1) 0 to 20mA, (2) 0 to 5V, (3) 1 to 5V, (4) 1 to 10V
710	157	Low Scale	Setup	Retransmit Output 1	r/w	(-19999) to high scale -1 [minimum sensor range] degrees or units
711	158	High Scale	Setup	Retransmit Output 1	r/w	Low scale +1 to (30000) [maximum sensor range] degrees or units
712	159	Scale Offset	Setup	Retransmit Output 1	r/w	(-19999 to 30000) degrees or units, Range Low to Range High

726	160	Retransmit Source	Setup	Retransmit Output 2	r/w	(0) Input 1, (1) Input 2, (2) Input 3, (3) Set Point 1, (4) Set Point 2, (5) Channel 1 Power, (6) Channel 2 Power
837	161	Analog Range	Setup	Retransmit Output 2	r/w	(0) 4 to 20mA, (1) 0 to 20mA, (2) 0 to 5V, (3) 1 to 5V, (4) 1 to 10V
727	162	Low Scale	Setup	Retransmit Output 2	r/w	(-19999) to high scale -1 [minimum sensor range] degrees or units
728	163	High Scale	Setup	Retransmit Output 2	r/w	Low scale +1 to (30000) [maximum sensor range] degrees or units
729	164	Scale Offset	Setup	Retransmit Output 2	r/w	(-19999 to 30000) degrees or units, Range Low to Range High
3100	165	Name (Char 01)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3101	166	Name (Char 02)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3102	167	Name (Char 03)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3103	168	Name (Char 04)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3104	169	Name (Char 05)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3105	170	Name (Char 06)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3106	171	Name (Char 07)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3107	172	Name (Char 08)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3108	173	Name (Char 09)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3109	174	Name (Char 10)	Setup	Digital Output 1	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2001	175	Function	Setup	Digital Output 1	r/w	(0) Off, (1) Event Output
3110	176	Name (Char 01)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3111	177	Name (Char 02)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3112	178	Name (Char 03)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3113	179	Name (Char 04)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3114	180	Name (Char 05)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3115	181	Name (Char 06)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3116	182	Name (Char 07)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3117	183	Name (Char 08)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3118	184	Name (Char 09)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3119	185	Name (Char 10)	Setup	Digital Output 2	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2011	186	Function	Setup	Digital Output 2	r/w	(0) Off, (1) Event Output
3120	187	Name (Char 01)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3121	188	Name (Char 02)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3122	189	Name (Char 03)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3123	190	Name (Char 04)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3124	191	Name (Char 05)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3125	192	Name (Char 06)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3126	193	Name (Char 07)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3127	194	Name (Char 08)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3128	195	Name (Char 09)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3129	196	Name (Char 10)	Setup	Digital Output 3	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2021	197	Function	Setup	Digital Output 3	r/w	(0) Off, (1) Event Output
3130	198	Name (Char 01)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3131	199	Name (Char 02)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3132	200	Name (Char 03)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3133	201	Name (Char 04)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3134	202	Name (Char 05)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3135	203	Name (Char 06)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3136	204	Name (Char 07)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3137	205	Name (Char 08)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3138	206	Name (Char 09)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3139	207	Name (Char 10)	Setup	Digital Output 4	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2031	208	Function	Setup	Digital Output 4	r/w	(0) Off, (1) Event Output
3140	209	Name (Char 01)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3141	210	Name (Char 02)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3142	211	Name (Char 03)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3143	212	Name (Char 04)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3144	213	Name (Char 05)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3145	214	Name (Char 06)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3146	215	Name (Char 07)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3147	216	Name (Char 08)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3148	217	Name (Char 09)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z

3149	218	Name (Char 10)	Setup	Digital Output 5	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2041	219	Function	Setup	Digital Output 5	r/w	(0) Off, (1) Event Output, (2) Complementary Output,
2046	220	Complementary Output	Setup	Digital Output 5	r/w	
3150	221	Name (Char 01)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3151	222	Name (Char 02)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3152	223	Name (Char 03)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3153	224	Name (Char 04)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3154	225	Name (Char 05)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3155	226	Name (Char 06)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3156	227	Name (Char 07)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3157	228	Name (Char 08)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3158	229	Name (Char 09)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3159	230	Name (Char 10)	Setup	Digital Output 6	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2051	231	Function	Setup	Digital Output 6	r/w	(0) Off, (1) Event Output, (3) Boost Heat
2052	232	Boost Percent Power	Setup	Digital Output 6	r/w	(0)% to (100)% for heat
2054	233	Boost Time Delay	Setup	Digital Output 6	r/w	(0 to 9999) seconds
3160	234	Name (Char 01)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3161	235	Name (Char 02)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3162	236	Name (Char 03)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3163	237	Name (Char 04)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3164	238	Name (Char 05)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3165	239	Name (Char 06)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3166	240	Name (Char 07)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3167	241	Name (Char 08)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3168	242	Name (Char 09)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3169	243	Name (Char 10)	Setup	Digital Output 7	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2061	244	Function	Setup	Digital Output 7	r/w	(0) Off, (1) Event Output, (3) Boost Heat
2062	245	Boost Percent Power	Setup	Digital Output 7	r/w	(0)% to (100)% for heat
2064	246	Boost Time Delay	Setup	Digital Output 7	r/w	(0 to 9999) seconds
3170	247	Name (Char 01)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3171	248	Name (Char 02)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3172	249	Name (Char 03)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3173	250	Name (Char 04)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3174	251	Name (Char 05)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3175	252	Name (Char 06)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3176	253	Name (Char 07)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3177	254	Name (Char 08)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3178	255	Name (Char 09)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
3179	256	Name (Char 10)	Setup	Digital Output 8	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
2071	257	Function	Setup	Digital Output 8	r/w	(0) Off, (1) Event Output, (5) Compressor
2072	258	Compressor On % Power	Setup	Digital Output 8	r/w	(-100)% to (100)%
2073	259	Compressor Off % Power	Setup	Digital Output 8	r/w	Compressor on % power to (100)%
2075	260	Compressor Off Delay	Setup	Digital Output 8	r/w	(1 to 9999) seconds
2074	261	Compressor On Delay	Setup	Digital Output 8	r/w	(0 to 9999) seconds
1400	262	Parameter 01	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-DgOt;14-TimRm;15-CurFil;16-CurStp;17-ActC1;18-ActC2;19-LstJmp;20-JmpCnt;21-WaitFr;22-StpTyp;23-TrSP1; 24-TrSP2;25-InrSP;26-Ms1;27-Ms2;28-Ms3;29-Ms4;30-Cal1;31-Cal2;32-Cal3
1401	263	Parameter 02	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1402	264	Parameter 03	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1403	265	Parameter 04	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1404	266	Parameter 05	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1405	267	Parameter 06	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1406	268	Parameter 07	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1407	269	Parameter 08	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1408	270	Parameter 09	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1409	271	Parameter 10	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1410	272	Parameter 11	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1411	273	Parameter 12	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1412	274	Parameter 13	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-

1413	275	Parameter 14	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1414	276	Parameter 15	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
1415	277	Parameter 16	Setup	Custom Main Page	r/w	0-No;1-In1;2-In2;3-In3;4-SP1;5-SP2;6-%1;7-%2;8-Tun1;9-Tun2;10-Tim;11-Dat;12-DgIn;13-
5500	278	Input 1 Only	Setup	Process Diaplay	r/w	(0) Input 1; (1) Alternating
5501	279	Alternating Display	Setup	Process Display > Input 1	r/w	(0 to 999) seconds
5502	280	Alternating Display	Setup	Process Display > Input 2	r/w	(0 to 999) seconds
5503	281	Alternating Display	Setup	Process Display > Input 3	r/w	(0 to 999) seconds
4501	282	Message 1 (Line 01, Char 01)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4502	283	Message 1 (Line 01, Char 02)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4503	284	Message 1 (Line 01, Char 03)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4504	285	Message 1 (Line 01, Char 04)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4505	286	Message 1 (Line 01, Char 05)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4506	287	Message 1 (Line 01, Char 06)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4507	288	Message 1 (Line 01, Char 07)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4508	289	Message 1 (Line 01, Char 08)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4509	290	Message 1 (Line 01, Char 09)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4510	291	Message 1 (Line 01, Char 10)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4511	292	Message 1 (Line 01, Char 11)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4512	293	Message 1 (Line 01, Char 12)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4513	294	Message 1 (Line 01, Char 13)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4514	295	Message 1 (Line 01, Char 14)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4515	296	Message 1 (Line 01, Char 15)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4516	297	Message 1 (Line 01, Char 16)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4517	298	Message 1 (Line 01, Char 17)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4518	299	Message 1 (Line 01, Char 18)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4521	300	Message 2 (Line 02, Char 01)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4522	301	Message 2 (Line 02, Char 02)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4523	302	Message 2 (Line 02, Char 03)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4524	303	Message 2 (Line 02, Char 04)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4525	304	Message 2 (Line 02, Char 05)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4526	305	Message 2 (Line 02, Char 06)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4527	306	Message 2 (Line 02, Char 07)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4528	307	Message 2 (Line 02, Char 08)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4529	308	Message 2 (Line 02, Char 09)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4530	309	Message 2 (Line 02, Char 10)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4531	310	Message 2 (Line 02, Char 11)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4532	311	Message 2 (Line 02, Char 12)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4533	312	Message 2 (Line 02, Char 13)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4534	313	Message 2 (Line 02, Char 14)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4535	314	Message 2 (Line 02, Char 15)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4536	315	Message 2 (Line 02, Char 16)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4537	316	Message 2 (Line 02, Char 17)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4538	317	Message 2 (Line 02, Char 18)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4541	318	Message 3 (Line 03, Char 01)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4542	319	Message 3 (Line 03, Char 02)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4543	320	Message 3 (Line 03, Char 03)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4544	321	Message 3 (Line 03, Char 04)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4545	322	Message 3 (Line 03, Char 05)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4546	323	Message 3 (Line 03, Char 06)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4547	324	Message 3 (Line 03, Char 07)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4548	325	Message 3 (Line 03, Char 08)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4549	326	Message 3 (Line 03, Char 09)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4550	327	Message 3 (Line 03, Char 10)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4551	328	Message 3 (Line 03, Char 11)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4552	329	Message 3 (Line 03, Char 12)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4553	330	Message 3 (Line 03, Char 13)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4554	331	Message 3 (Line 03, Char 14)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4555	332	Message 3 (Line 03, Char 15)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4556	333	Message 3 (Line 03, Char 16)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4557	334	Message 3 (Line 03, Char 17)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z

4558	335	Message 3 (Line 03, Char 18)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4561	336	Message 4 (Line 04, Char 01)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4562	337	Message 4 (Line 04, Char 02)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4563	338	Message 4 (Line 04, Char 03)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4564	339	Message 4 (Line 04, Char 04)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4565	340	Message 4 (Line 04, Char 05)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4566	341	Message 4 (Line 04, Char 06)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4567	342	Message 4 (Line 04, Char 07)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4568	343	Message 4 (Line 04, Char 08)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4569	344	Message 4 (Line 04, Char 09)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4570	345	Message 4 (Line 04, Char 10)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4571	346	Message 4 (Line 04, Char 11)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4572	347	Message 4 (Line 04, Char 12)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4573	348	Message 4 (Line 04, Char 13)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4574	349	Message 4 (Line 04, Char 14)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4575	350	Message 4 (Line 04, Char 15)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4576	351	Message 4 (Line 04, Char 16)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4577	352	Message 4 (Line 04, Char 17)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
4578	353	Message 4 (Line 04, Char 18)	Setup	Static Message	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1205	354	Guarantee Soak Band 1	Setup	System	r/w	(1 to 9999) degrees or units in intergers, tenths, hundredths or thousandths
1212	355	Guarantee Soak Band 2	Setup	System	r/w	(1 to 9999) degrees or units in intergers, tenths, hundredths or thousandths
304	356	Channel 1 Autotune Set Point	Setup	System > Value	r/w	(50 to 150)%
323	357	Channel 2 Autotune Set Point	Setup	System > Value	r/w	(50 to 150)%
903	358	Input 1 Fail	Setup	System	r/w	(0 to 100)% [Heat only or Cool only], (-100 to +100)% [Cool/Heat or Heat/Cool]
906	359	Input 2 Fail	Setup	System	r/w	(0 to 100)% [Heat only or Cool only], (-100 to +100)% [Cool/Heat or Heat/Cool]
904	360	Open Loop Detect Channel 1	Setup	System > Enable	r/w	(0) Off, (1) On
907	361	Open Loop Detect Channel 2	Setup	System > Enable	r/w	(0) Off, (1) On
1213	362	Power-Out Time	Setup	System	r/w	(0 to 9999) seconds
1206	363	Power-Out Action	Setup	System	r/w	(0) Continue, (1) Hold, (2) Terminate, (3) Reset, (4) Idle Set Point 1, (5) Idle Set Point 2
308	364	Idle Set Point Channel 1	Setup	System > Power-Out Action	r/w	
327	365	Idle Set Point Channel 2	Setup	System > Power-Out Action	r/w	
302	366	Alarm 1 Low (Dev. or SP)	Operations	Alarm Set Points	r/w	(-19999 to -1) degrees or units
303	367	Alarm 1 High (Dev. or SP)	Operations	Alarm Set Points	r/w	(1 to 30000) degrees or units
321	368	Alarm 2 Low (Dev. or SP)	Operations	Alarm Set Points	r/w	(-19999 to -1) degrees or units
322	369	Alarm 2 High (Dev. or SP)	Operations	Alarm Set Points	r/w	(1 to 30000) degrees or units
500	370	Proportional Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
501	371	Integral 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
502	372	Reset 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
503	373	Derivative 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
504	374	Rate 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
505	375	Dead Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
507	376	Hysteresis 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
550	377	Proportional Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
551	378	Integral 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
552	379	Reset 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
553	380	Derivative 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
554	381	Rate 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
555	382	Dead Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
557	383	Hysteresis 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
510	384	Proportional Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
511	385	Integral 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
512	386	Reset 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
513	387	Derivative 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
514	388	Rate 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
515	389	Dead Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
517	390	Hysteresis 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
560	391	Proportional Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
561	392	Integral 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
562	393	Reset 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths

563	394	Derivative 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
564	395	Rate 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
565	396	Dead Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
567	397	Hysteresis 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
520	398	Proportional Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
521	399	Integral 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
522	400	Reset 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
523	401	Derivative 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
524	402	Rate 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
525	403	Dead Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
527	404	Hysteresis 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
570	405	Proportional Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
571	406	Integral 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
572	407	Reset 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
573	408	Derivative 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
574	409	Rate 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
575	410	Dead Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
577	411	Hysteresis 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
530	412	Proportional Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
531	413	Integral 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
532	414	Reset 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
533	415	Derivative 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
534	416	Rate 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
535	417	Dead Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
537	418	Hysteresis 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
580	419	Proportional Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
581	420	Integral 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
582	421	Reset 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
583	422	Derivative 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
584	423	Rate 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
585	424	Dead Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
587	425	Hysteresis 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
540	426	Proportional Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
541	427	Integral 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
542	428	Reset 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
543	429	Derivative 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
544	430	Rate 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
545	431	Dead Band 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
547	432	Hysteresis 1A	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
590	433	Proportional Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
591	434	Integral 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
592	435	Reset 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) per minute in hundredths
593	436	Derivative 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
594	437	Rate 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 9999) minutes in hundredths
595	438	Dead Band 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(0 to 30000) degrees or units
597	439	Hysteresis 1B	Operations	Edit PID>PID Set Channel 1>PID Set	r/w	(1 to 30000) degrees or units
2500	440	Proportional Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2501	441	Integral 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2502	442	Reset 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2503	443	Derivative 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2504	444	Rate 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2505	445	Dead Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2507	446	Hysteresis 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2550	447	Proportional Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2551	448	Integral 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2552	449	Reset 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2553	450	Derivative 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2554	451	Rate 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2555	452	Dead Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2557	453	Hysteresis 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units

2510	454	Proportional Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2511	455	Integral 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2512	456	Reset 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2513	457	Derivative 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2514	458	Rate 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2515	459	Dead Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2517	460	Hysteresis 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2560	461	Proportional Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2561	462	Integral 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2562	463	Reset 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2563	464	Derivative 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2564	465	Rate 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2565	466	Dead Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2567	467	Hysteresis 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2520	468	Proportional Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2521	469	Integral 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2522	470	Reset 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2523	471	Derivative 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2524	472	Rate 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2525	473	Dead Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2527	474	Hysteresis 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2570	475	Proportional Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2571	476	Integral 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2572	477	Reset 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2573	478	Derivative 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2574	479	Rate 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2575	480	Dead Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2577	481	Hysteresis 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2530	482	Proportional Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2531	483	Integral 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2532	484	Reset 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2533	485	Derivative 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2534	486	Rate 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2535	487	Dead Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2537	488	Hysteresis 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2580	489	Proportional Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2581	490	Integral 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2582	491	Reset 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2583	492	Derivative 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2584	493	Rate 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2585	494	Dead Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2587	495	Hysteresis 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2540	496	Proportional Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2541	497	Integral 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2542	498	Reset 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2543	499	Derivative 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2544	500	Rate 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2545	501	Dead Band 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2547	502	Hysteresis 2A	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2590	503	Proportional Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2591	504	Integral 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2592	505	Reset 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) per minute in hundredths
2593	506	Derivative 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2594	507	Rate 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 9999) minutes in hundredths
2595	508	Dead Band 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(0 to 30000) degrees or units
2597	509	Hysteresis 2B	Operations	Edit PID>PID Set Channel 2>PID Set	r/w	(1 to 30000) degrees or units
2600	510	Proportional Band 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 30000) degrees or units
2601	511	Integral 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) minutes in hundredths
2602	512	Reset 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) per minute in hundredths
2603	513	Derivative 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) minutes in hundredths

2604	514	Rate 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) minutes in hundredths
2605	515	Dead Band 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 30000) degrees or units
2607	516	Hysteresis 1A	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(1 to 30000) degrees or units
2650	517	Proportional Band 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 30000) degrees or units
2651	518	Integral 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) minutes in hundredths
2652	519	Reset 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) per minute in hundredths
2653	520	Derivative 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) minutes in hundredths
2654	521	Rate 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 9999) minutes in hundredths
2655	522	Dead Band 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(0 to 30000) degrees or units
2657	523	Hysteresis 1B	Operations	Edit PID > Cascade PID > PID Set 1	r/w	(1 to 30000) degrees or units
2610	524	Proportional Band 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 30000) degrees or units
2611	525	Integral 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) minutes in hundredths
2612	526	Reset 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) per minute in hundredths
2613	527	Derivative 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) minutes in hundredths
2614	528	Rate 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) minutes in hundredths
2615	529	Dead Band 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 30000) degrees or units
2617	530	Hysteresis 1A	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(1 to 30000) degrees or units
2660	531	Proportional Band 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 30000) degrees or units
2661	532	Integral 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) minutes in hundredths
2662	533	Reset 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) per minute in hundredths
2663	534	Derivative 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) minutes in hundredths
2664	535	Rate 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 9999) minutes in hundredths
2665	536	Dead Band 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(0 to 30000) degrees or units
2667	537	Hysteresis 1B	Operations	Edit PID > Cascade PID > PID Set 2	r/w	(1 to 30000) degrees or units
2620	538	Proportional Band 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 30000) degrees or units
2621	539	Integral 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) minutes in hundredths
2622	540	Reset 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) per minute in hundredths
2623	541	Derivative 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) minutes in hundredths
2624	542	Rate 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) minutes in hundredths
2625	543	Dead Band 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 30000) degrees or units
2627	544	Hysteresis 1A	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(1 to 30000) degrees or units
2670	545	Proportional Band 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 30000) degrees or units
2671	546	Integral 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) minutes in hundredths
2672	547	Reset 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) per minute in hundredths
2673	548	Derivative 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) minutes in hundredths
2674	549	Rate 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 9999) minutes in hundredths
2675	550	Dead Band 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(0 to 30000) degrees or units
2677	551	Hysteresis 1B	Operations	Edit PID > Cascade PID > PID Set 3	r/w	(1 to 30000) degrees or units
2630	552	Proportional Band 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 30000) degrees or units
2631	553	Integral 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) minutes in hundredths
2632	554	Reset 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) per minute in hundredths
2633	555	Derivative 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) minutes in hundredths
2634	556	Rate 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) minutes in hundredths
2635	557	Dead Band 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 30000) degrees or units
2637	558	Hysteresis 1A	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(1 to 30000) degrees or units
2680	559	Proportional Band 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 30000) degrees or units
2681	560	Integral 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) minutes in hundredths
2682	561	Reset 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) per minute in hundredths
2683	562	Derivative 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) minutes in hundredths
2684	563	Rate 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 9999) minutes in hundredths
2685	564	Dead Band 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(0 to 30000) degrees or units
2687	565	Hysteresis 1B	Operations	Edit PID > Cascade PID > PID Set 4	r/w	(1 to 30000) degrees or units
2640	566	Proportional Band 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 30000) degrees or units
2641	567	Integral 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) minutes in hundredths
2642	568	Reset 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) per minute in hundredths
2643	569	Derivative 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) minutes in hundredths
2644	570	Rate 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) minutes in hundredths
2645	571	Dead Band 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 30000) degrees or units
2647	572	Hysteresis 1A	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(1 to 30000) degrees or units
2690	573	Proportional Band 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 30000) degrees or units

2691	574	Integral 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) minutes in hundredths
2692	575	Reset 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) per minute in hundredths
2693	576	Derivative 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) minutes in hundredths
2694	577	Rate 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 9999) minutes in hundredths
2695	578	Dead Band 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(0 to 30000) degrees or units
2697	579	Hysteresis 1B	Operations	Edit PID > Cascade PID > PID Set 5	r/w	(1 to 30000) degrees or units
1075	580	Start Profile	Setup	Digital Input 1 > Function	r/w	(1 to 40) Profile
1076	581	Wait for Event	Setup	Digital Input 1 > Function	r/w	
1077	582	Start Profile	Setup	Digital Input 2 > Function	r/w	(1 to 40) Profile
1078	583	Wait for Event	Setup	Digital Input 2 > Function	r/w	
1079	584	Start Profile	Setup	Digital Input 3 > Function	r/w	(1 to 40) Profile
1080	585	Wait for Event	Setup	Digital Input 3 > Function	r/w	
1081	586	Start Profile	Setup	Digital Input 4 > Function	r/w	(1 to 40) Profile
1082	587	Wait for Event	Setup	Digital Input 4 > Function	r/w	
300	588	Set Point 1	Main		r/w	
319	589	Set Point 2	Main		r/w	
1330	590	Set/Change Password (Char 1)	Factory	Set Lockout	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1331	591	Set/Change Password (Char 2)	Factory	Set Lockout	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1332	592	Set/Change Password (Char 3)	Factory	Set Lockout	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1333	593	Set/Change Password (Char 4)	Factory	Set Lockout	r/w	(32) space, (48 to 57) 0 to 9, (65 to 90) A to Z
1300	594	Set Point	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only
1306	595	Autotune PID	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only, (2) Password, (3) Hidden
1307	596	Edit PID	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only, (2) Password, (3) Hidden
1308	597	Alarm Set Point	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only, (2) Password, (3) Hidden
1309	598	Profiles Page	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only, (2) Password, (3) Hidden
1302	599	Setup Page	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only, (2) Password, (3) Hidden
1303	600	Factory Page	Factory	Set Lockout	r/w	(0) Full Access, (1) Read Only, (2) Password
305	601	Channel 1 Autotune	Operations	Autotune PID	r/w	(0) Tune Off, (1) Ch 1 PID Set 1, (2) Ch 1 PID Set 2, (3) Ch 1 PID Set 3, (4) Ch 1 PID Set 4, (5) Ch 1 PID Set 5;(1) Ch 2 PID Set 6, (2) Ch 2 PID Set 7, (3) Ch 2 PID Set 8, (4) Ch 2 PID Set 9, (5) Ch 2 PID Set 10
324	602	Channel 2 Autotune	Operations	Autotune PID	r/w	(0) Tune Off, (1) Ch 1 PID Set 1, (2) Ch 1 PID Set 2, (3) Ch 1 PID Set 3, (4) Ch 1 PID Set 4, (5) Ch 1 PID Set 5;(1) Ch 2 PID Set 6, (2) Ch 2 PID Set 7, (3) Ch 2 PID Set 8, (4) Ch 2 PID Set 9, (5) Ch 2 PID Set 10
343	603	Cascade Outer Loop	Operations	Autotune PID	r/w	(0) Tune Off, (1) Ch1 PID Set 1, (2) Ch1 PID Set 2, (3) Ch1 PID Set 3, (4) Ch1 PID Set 4, (5) Ch1 PID Set 5
305	604	Cascade Inner Loop	Operations	Autotune PID	r/w	(0) Tune Off, (1) Ch1 PID Set 1, (2) Ch1 PID Set 2, (3) Ch1 PID Set 3, (4) Ch1 PID Set 4, (5) Ch1 PID Set 5
25	605	Save to EEPROM	None	None	w	(0) Save
2000		Digital Output 1	Operations	Status	r	(0) Low, (1) High
2010		Digital Output 2	Operations	Status	r	(0) Low, (1) High
2020		Digital Output 3	Operations	Status	r	(0) Low, (1) High
2030		Digital Output 4	Operations	Status	r	(0) Low, (1) High
2040		Digital Output 5	Operations	Status	r	(0) Low, (1) High
2050		Digital Output 6	Operations	Status	r	(0) Low, (1) High
2060		Digital Output 7	Operations	Status	r	(0) Low, (1) High
2070		Digital Output 8	Operations	Status	r	(0) Low, (1) High
1601		Restore Input 1 Calibration	Factory	Calibration	w	(0) Yes
1601		Restore Input 2 Calibration	Factory	Calibration	w	(1) Yes
1601		Restore Input 3 Calibration	Factory	Calibration	w	(2) Yes
1603		0.000V	Factory	Calibration > Calibrate Input 1	w	(8) Yes
1603		0.00mV Thermocouple	Factory	Calibration > Calibrate Input 1	w	(1) Yes
1603		10.000V	Factory	Calibration > Calibrate Input 1	w	(9) Yes
1603		15.0 Ohms	Factory	Calibration > Calibrate Input 1	w	(6) Yes
1603		20.000mA	Factory	Calibration > Calibrate Input 1	w	(11) Yes
1603		32°F Type J	Factory	Calibration > Calibrate Input 1	w	(3) Yes
1603		380.0 Ohms	Factory	Calibration > Calibrate Input 1	w	(7) Yes
1603		4.000mA	Factory	Calibration > Calibrate Input 1	w	(10) Yes
1603		50.00mV Thermocouple	Factory	Calibration > Calibrate Input 1	w	(2) Yes
1603		Ground	Factory	Calibration > Calibrate Input 1	w	(4) Yes

1603		Lead	Factory	Calibration > Calibrate Input 1	w	(5) Yes
1608		0.000V	Factory	Calibration > Calibrate Input 2	w	(8) Yes
1608		0.00mV Thermocouple	Factory	Calibration > Calibrate Input 2	w	(1) Yes
1608		10.000V	Factory	Calibration > Calibrate Input 2	w	(9) Yes
1608		15.0 Ohms	Factory	Calibration > Calibrate Input 2	w	(6) Yes
1608		20.000mA	Factory	Calibration > Calibrate Input 2	w	(11) Yes
1608		32°F Type J	Factory	Calibration > Calibrate Input 2	w	(3) Yes
1608		380.0 Ohms	Factory	Calibration > Calibrate Input 2	w	(7) Yes
1608		4.000mA	Factory	Calibration > Calibrate Input 2	w	(10) Yes
1608		50.00mV Thermocouple	Factory	Calibration > Calibrate Input 2	w	(2) Yes
1608		Ground	Factory	Calibration > Calibrate Input 2	w	(4) Yes
1608		Lead	Factory	Calibration > Calibrate Input 2	w	(5) Yes
1613		0.000V	Factory	Calibration > Calibrate Input 3	w	(8) Yes
1613		0.00mV Thermocouple	Factory	Calibration > Calibrate Input 3	w	(1) Yes
1613		10.000V	Factory	Calibration > Calibrate Input 3	w	(9) Yes
1613		15.0 Ohms	Factory	Calibration > Calibrate Input 3	w	(6) Yes
1613		20.000mA	Factory	Calibration > Calibrate Input 3	w	(11) Yes
1613		32°F Type J	Factory	Calibration > Calibrate Input 3	w	(3) Yes
1613		380.0 Ohms	Factory	Calibration > Calibrate Input 3	w	(7) Yes
1613		4.000mA	Factory	Calibration > Calibrate Input 3	w	(10) Yes
1613		50.00mV Thermocouple	Factory	Calibration > Calibrate Input 3	w	(2) Yes
1613		Ground	Factory	Calibration > Calibrate Input 3	w	(4) Yes
1613		Lead	Factory	Calibration > Calibrate Input 3	w	(5) Yes
1606		1.000V	Factory	Calibration > Process Output 1A	w	(0 to 3000) volts in thousandths
1607		10.000V	Factory	Calibration > Process Output 1A	w	(0 to 12000) volts in thousandths
1605		20.000mA	Factory	Calibration > Process Output 1A	w	(0 to 24000) milliamperes in thousandths
1604		4.000mA	Factory	Calibration > Process Output 1A	w	(0 to 6000) milliamperes in thousandths
1611		1.000V	Factory	Calibration > Process Output 1B	w	(0 to 3000) volts in thousandths
1612		10.000V	Factory	Calibration > Process Output 1B	w	(0 to 12000) volts in thousandths
1610		20.000mA	Factory	Calibration > Process Output 1B	w	(0 to 24000) milliamperes in thousandths
1609		4.000mA	Factory	Calibration > Process Output 1B	w	(0 to 6000) milliamperes in thousandths
1616		1.000V	Factory	Calibration > Process Output 2A	w	(0 to 3000) volts in thousandths
1617		10.000V	Factory	Calibration > Process Output 2A	w	(0 to 12000) volts in thousandths
1615		20.000mA	Factory	Calibration > Process Output 2A	w	(0 to 24000) milliamperes in thousandths
1614		4.000mA	Factory	Calibration > Process Output 2A	w	(0 to 6000) milliamperes in thousandths
1621		1.000V	Factory	Calibration > Process Output 2B	w	(0 to 3000) volts in thousandths
1622		10.000V	Factory	Calibration > Process Output 2B	w	(0 to 12000) volts in thousandths
1620		20.000mA	Factory	Calibration > Process Output 2B	w	(0 to 24000) milliamperes in thousandths
1619		4.000mA	Factory	Calibration > Process Output 2B	w	(0 to 6000) milliamperes in thousandths
1626		1.000V	Factory	Calibration > Retransmit Output 1	w	(0 to 3000) volts in thousandths
1627		10.000V	Factory	Calibration > Retransmit Output 1	w	(0 to 12000) volts in thousandths
1625		20.000mA	Factory	Calibration > Retransmit Output 1	w	(0 to 24000) milliamperes in thousandths
1624		4.000mA	Factory	Calibration > Retransmit Output 1	w	(0 to 6000) milliamperes in thousandths
1631		1.000V	Factory	Calibration > Retransmit Output 2	w	(0 to 3000) volts in thousandths
1632		10.000V	Factory	Calibration > Retransmit Output 2	w	(0 to 12000) volts in thousandths
1630		20.000mA	Factory	Calibration > Retransmit Output 2	w	(0 to 24000) milliamperes in thousandths
1629		4.000mA	Factory	Calibration > Retransmit Output 2	w	(0 to 6000) milliamperes in thousandths
1501		CJC1 AtoD	Factory	Diagnostic	r	HHHH
1500		CJC1 Temp	Factory	Diagnostic	r	xx.x
1532		CJC2 AtoD	Factory	Diagnostic	r	HHHH
1531		CJC2 Temp	Factory	Diagnostic	r	xx.x
1532		CJC3 AtoD	Factory	Diagnostic	r	HHHH
1531		CJC3 Temp	Factory	Diagnostic	r	xx.x
8		Input 1	Factory	Diagnostic	r	(7) Univ
1504		Input 1 A to D	Factory	Diagnostic	r	HHHH
9		Input 2	Factory	Diagnostic	r	(0) None, (8) Univ. Dual
1505		Input 2 A to D	Factory	Diagnostic	r	HHHH
10		Input 3	Factory	Diagnostic	r	(0) None, (8) Univ. Dual
1506		Input 3 A to D	Factory	Diagnostic	r	HHHH
1515		Line Frequency	Factory	Diagnostic	r	xx

5		Manufacturing Date	Factory	Diagnostic	r	xxxx
0		Model	Factory	Diagnostic	r	F4xx-xxxx-xxxx
16		Output 1A	Factory	Diagnostic	r	(2) SSR, (3) DC, (4) Process
17		Output 1B	Factory	Diagnostic	r	(0) None, (2) SSR, (3) DC, (4) Process
18		Output 2A	Factory	Diagnostic	r	(0) None, (2) SSR, (3) DC, (4) Process
19		Output 2B	Factory	Diagnostic	r	(0) None, (2) SSR, (3) DC, (4) Process
20		Retransmit 1	Factory	Diagnostic	r	(0) None, (4) Process
21		Retransmit 2	Factory	Diagnostic	r	(0) None, (4) Process
4		Revision	Factory	Diagnostic	r	(0 to 999) in hundredths
1		Serial Number (first part)	Factory	Diagnostic	r	(000000 to 999999)
2		Serial Number (second part)	Factory	Diagnostic	r	(000000 to 999999)
3		Software Number	Factory	Diagnostic	r	(0 to 99)
1315		Clear Locks	Factory	Set Lockout	w	(0) Yes
1602		Full Defaults	Factory	Test	w	(800) Yes
1514		Test Outputs	Factory	Test	w	(0) All Off, (1) Out1A, (2) Out1B, (3) Out2A, (4) Out2B, (5) Retrans1, (6) Retrans2, (7) Alarm1, (8) Alarm2, (9) Dig Out1, (10) Dig Out2, (11) Dig Out3, (12) Dig Out4, (13) Dig Out5, (14) Dig Out6, (15) Dig Out7, (16) Dig Out8, (17) All On, (18) Comms
1513		Display Test	Factory	Test	w	(1) Perform Display Test
312		Clear Alarm 1	None	Key Press Simulation	w	write any value
331		Clear Alarm 2	None	Key Press Simulation	w	write any value
311		Clear Error 1	None	Key Press Simulation	w	write any value
330		Clear Error 2	None	Key Press Simulation	w	write any value
349		Clear Error 3	None	Key Press Simulation	w	write any value
313		Silence Alarm 1	None	Key Press Simulation	w	0 to 9999
332		Silence Alarm 2	None	Key Press Simulation	w	0 to 9999
103		% Power Output 1A	None	Status	r	Value
107		% Power Output 1B	None	Status	r	Value
111		% Power Output 2A	None	Status	r	Value
115		% Power Output 2B	None	Status	r	Value
102		Alarm 1	None	Status	r	(0) Off, (1) Alarm High, (2) Alarm Low
106		Alarm 2	None	Status	r	(0) Off, (1) Alarm High, (2) Alarm Low
200		Operation Mode	None	Status	r	???
201		Digital Input 1	None	Status	r	(0) Low, (1) High
213		Digital Input 2	None	Status	r	(0) Low, (1) High
225		Digital Input 3	None	Status	r	(0) Low, (1) High
237		Digital Input 4	None	Status	r	(0) Low, (1) High
101		Input 1 Error	None	Status	r	(0) None, (1) AtoD Under Flow, (2) Sensor Under Range, (3) Sensor Over Range, (4) AtoD Over Flow, (5) AtoD Timeout, (6) Open Loop
210		Input 1 Open Loop	None	Status	r	(0) Off, (1) On
100		Input 1 Value	None	Status	r	xx
209		System Error	None	Status	r	xx
1209		Resume Profile	None	Key Press Simulation	w	(1) Resume Profile
1210		Hold Profile	None	Key Press Simulation	w	(1) Hold Profile
1217		Terminate Profile	None	Key Press Simulation	w	(1) Terminate Profile
1314		Set/Change Password	Factory	Set Lockout	r/w	(0) Yes, (1) No
4004		Date or Day	Profile	Edit Profile … > Autostart Step	r/w	(0) Date, (1) Day
4005		Date (month)	Profile	Edit Profile … > Autostart Step	r/w	(1) Jan., (2) Feb., (3) Mar., (4) Apr., (5) May, (6) June, (7) July, (8) Aug., (9) Sept., (10) Oct., (11) Nov., (12) Dec.
4006		Date (day of month)	Profile	Edit Profile … > Autostart Step	r/w	(1 to 31)
4007		Date (year)	Profile	Edit Profile … > Autostart Step	r/w	(1998 to 2035)
4008		Day (of week)	Profile	Edit Profile … > Autostart Step	r/w	(0) Every Day, (1) Sunday, (2) Monday, (3) Tuesday, (4) Wednesday, (5) Thursday, (6) Friday, (7) Sunday
4009		Time (hour)	Profile	Edit Profile … > Autostart Step	r/w	(0 to 23)
4010		Time (minute)	Profile	Edit Profile … > Autostart Step	r/w	(0 to 59)
4011		Time (second)	Profile	Edit Profile … > Autostart Step	r/w	(0 to 59)
4012		Wait for	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Step does not wait, (1) Step waits for…
4013		Wait for	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Step does not wait, (1) Step waits for…
4030		Event Output (Digital Output 1)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On

4111		Event Output (Digital Output 1)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4031		Event Output (Digital Output 2)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4112		Event Output (Digital Output 2)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4032		Event Output (Digital Output 3)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4113		Event Output (Digital Output 3)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4033		Event Output (Digital Output 4)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4114		Event Output (Digital Output 4)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4034		Event Output (Digital Output 5)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4115		Event Output (Digital Output 5)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4035		Event Output (Digital Output 6)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4116		Event Output (Digital Output 6)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4036		Event Output (Digital Output 7)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4117		Event Output (Digital Output 7)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4037		Event Output (Digital Output 8)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4118		Event Output (Digital Output 8)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4009		Time (hours)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0 to 99)
4119		Time (hours)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0 to 99)
4010		Time (minutes)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0 to 59)
4020		Time (minutes)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0 to 59)
4011		Time (seconds)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0 to 59)
4121		Time (seconds)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0 to 59)
4043		Rate	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(1 to 30000) degrees per minutes in tenths
4044		Set Point Channel 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	Set Point Low Limit to Set Point High Limit
4122		Set Point Channel 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	Set Point Low Limit to Set Point High Limit
4045		Set Point Channel 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	Set Point Low Limit to Set Point High Limit
4123		Set Point Channel 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	Set Point Low Limit to Set Point High Limit
4046		PID Set (Channel 1)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) PID Set 1, (1) PID Set 2, (2) PID Set 3, (3) PID Set 4, (4) PID Set 5
4124		PID Set (Channel 1)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) PID Set 1, (1) PID Set 2, (2) PID Set 3, (3) PID Set 4, (4) PID Set 5
4047		PID Set (Channel 2)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) PID Set 6, (1) PID Set 7, (2) PID Set 8, (3) PID Set 9, (4) PID Set 10
4125		PID Set (Channel 2)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) PID Set 6, (1) PID Set 7, (2) PID Set 8, (3) PID Set 9, (4) PID Set 10
4048		Guarantee Soak (Channel 1)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) No, (1) Yes
4049		Guarantee Soak (Channel 2)	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) No, (1) Yes
4012		Step Does/Does Not Wait	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Does not wait, (1) Wait for

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4012		Step Wait For…	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(1) Event Input 1, (2) Event Input 2, (3) Event Input 3, (4) Event Input 4, (1) Analog Input 1, (2) Analog Input 2, (3) Analog Input 3
4013		Event Input 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4104		Event Input 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4014		Event Input 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4105		Event Input 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4015		Event Input 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4106		Event Input 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4016		Event Input 4	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4107		Event Input 4	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait for Off, (2)Wait for On
4021		Analog Input 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait
4108		Analog Input 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait
4023		Analog Input 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait
4109		Analog Input 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait
4025		Analog Input 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r/w	(0) Don't Wait, (1) Wait
4110		Analog Input 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For:	r	(0) Don't Wait, (1) Wait
4022		Analog Input 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For: > To Wait For	r/w	Range Low to Range High
4024		Analog Input 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For: > To Wait For	r/w	Range Low to Range High
4026		Analog Input 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step > Wait For: > To Wait For	r/w	Range Low to Range High
4030		Event Output 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4111		Event Output 1	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4031		Event Output 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4112		Event Output 2	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4032		Event Output 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4113		Event Output 3	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4033		Event Output 4	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On

4114		Event Output 4	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4034		Event Output 5	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On F4DSMBE_A
4115		Event Output 5	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4035		Event Output 6	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4116		Event Output 6	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4036		Event Output 7	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4117		Event Output 7	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4037		Event Output 8	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r/w	(0) Off, (1) On
4118		Event Output 8	Profile	Edit Profile … > Ramp Time or Ramp Rate or Soak Step	r	(0) Off, (1) On
4050		Jump to Profile	Profile	Edit Profile … > Jump Step	r/w	(1 to 40) or profile name
4051		Step x (1 to 256)	Profile	Edit Profile … > Jump Step	r/w	(1 to 256) step
4052		Number of Repeats	Profile	Edit Profile … > Jump Step	r/w	(1 to 999)
4060		Action	Profile	Edit Profile … > End	r/w	(0) Hold, (1) Control Off, (2) All Off, (3) Idle
4061		Enter Channel 1 Idle Set Point	Profile	Edit Profile … > End > Idle	r/w	Set Point 1 Low Limit to Set Point 1 High Limit
4062		Enter Channel 2 Idle Set Point	Profile	Edit Profile … > End > Idle	r/w	Set Point 2 Low Limit to Set Point 2 High Limit