

# **MODBUS ADDRESS MAP FOR RAMP / SOAK CONTROL**

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# **APPENDIX**

## **In this Appendix...**

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### Last Step Number

(ID: **5P4n**, P3-21)

Pattern Number	Hexadecimal	Modbus Decimal	PLC Address (Octal)
Pattern 0	1040	44161	V10100
Pattern 1	1041	44162	V10101
Pattern 2	1042	44163	V10102
Pattern 3	1043	44164	V10103
Pattern 4	1044	44165	V10104
Pattern 5	1045	44166	V10105
Pattern 6	1046	44167	V10106
Pattern 7	1047	44168	V10107

### Additional Cycles

(ID: **44n**, P3-22)

Pattern Number	Hexadecimal	Modbus Decimal	PLC Address (Octal)
Pattern 0	1050	44177	V10120
Pattern 1	1051	44178	V10121
Pattern 2	1052	44179	V10122
Pattern 3	1053	44180	V10123
Pattern 4	1054	44181	V10124
Pattern 5	1055	44182	V10125
Pattern 6	1056	44183	V10126
Pattern 7	1057	44184	V10127

### Next Pattern Number

(ID: **44n**, P3-23)

Pattern Number	Hexadecimal	Modbus Decimal	PLC Address (Octal)
Pattern 0	1060	44193	V10140
Pattern 1	1061	44194	V10141
Pattern 2	1062	44195	V10142
Pattern 3	1063	44196	V10143
Pattern 4	1064	44197	V10144
Pattern 5	1065	44198	V10145
Pattern 6	1066	44199	V10146
Pattern 7	1067	44200	V10147

## Ramp / Soak SV

(ID: **SPmn**, P3-19)

### Hexadecimal

	Pattern 0	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7
Step 0	2000	2008	2010	2018	2020	2028	2030	2038
Step 1	2001	2009	2011	2019	2021	2029	2031	2039
Step 2	2002	200A	2012	201A	2022	202A	2032	203A
Step 3	2003	200B	2013	201B	2023	202B	2033	203B
Step 4	2004	200C	2014	201C	2024	202C	2034	203C
Step 5	2005	200D	2015	201D	2025	202D	2035	203D
Step 6	2006	200E	2016	201E	2026	202E	2036	203E
Step 7	2007	200F	2017	201F	2027	202F	2037	203F

### Modbus Decimal

	Pattern 0	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7
Step 0	48193	48201	48209	48217	48225	48233	48241	48249
Step 1	48194	48202	48210	48218	48226	48234	48242	48250
Step 2	48195	48203	48211	48219	48227	48235	48243	48251
Step 3	48196	48204	48212	48220	48228	48236	48244	48252
Step 4	48197	48205	48213	48221	48229	48237	48245	48253
Step 5	48198	48206	48214	48222	48230	48238	48246	48254
Step 6	48199	48207	48215	48223	48231	48239	48247	48255
Step 7	48200	48208	48216	48224	48232	48240	48248	48256

### PLC Address (Octal)

	Pattern 0	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7
Step 0	V20000	V20010	V20020	V20030	V20040	V20050	V20060	V20070
Step 1	V20001	V20011	V20021	V20031	V20041	V20051	V20061	V20071
Step 2	V20002	V20012	V20022	V20032	V20042	V20052	V20062	V20072
Step 3	V20003	V20013	V20023	V20033	V20043	V20053	V20063	V20073
Step 4	V20004	V20014	V20024	V20034	V20044	V20054	V20064	V20074
Step 5	V20005	V20015	V20025	V20035	V20045	V20055	V20065	V20075
Step 6	V20006	V20016	V20026	V20036	V20046	V20056	V20066	V20076
Step 7	V20007	V20017	V20027	V20037	V20047	V20057	V20067	V20077

### Ramp / Soak Time

(ID: **mn**, P3-20)

Hexadecimal

	Pattern 0	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7
Step 0	2080	2088	2090	2098	20A0	20A8	20B0	20B8
Step 1	2081	2089	2091	2099	20A1	20A9	20B1	20B9
Step 2	2082	208A	2092	209A	20A2	20AA	20B2	20BA
Step 3	2083	208B	2093	209B	20A3	20AB	20B3	20BB
Step 4	2084	208C	2094	209C	20A4	20AC	20B4	20BC
Step 5	2085	208D	2095	209D	20A5	20AD	20B5	20BD
Step 6	2086	208E	2096	209E	20A6	20AE	20B6	20BE
Step 7	2087	208F	2097	209F	20A7	20AF	20B7	20BF

Modbus Decimal

	Pattern 0	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7
Step 0	48321	48329	48337	48345	48353	48361	48369	48377
Step 1	48322	48330	48338	48346	48354	48362	48370	48378
Step 2	48323	48331	48339	48347	48355	48363	48371	48379
Step 3	48324	48332	48340	48348	48356	48364	48372	48380
Step 4	48325	48333	48341	48349	48357	48365	48373	48381
Step 5	48326	48334	48342	48350	48358	48366	48374	48382
Step 6	48327	48335	48343	48351	48359	48367	48375	48383
Step 7	48328	48336	48344	48352	48360	48368	48376	48384

PLC Address (Octal)

	Pattern 0	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7
Step 0	V20200	V20210	V20220	V20230	V20240	V20250	V20260	V20270
Step 1	V20201	V20211	V20221	V20231	V20241	V20251	V20261	V20271
Step 2	V20202	V20212	V20222	V20232	V20242	V20252	V20262	V20272
Step 3	V20203	V20213	V20223	V20233	V20243	V20253	V20263	V20273
Step 4	V20204	V20214	V20224	V20234	V20244	V20254	V20264	V20274
Step 5	V20205	V20215	V20225	V20235	V20245	V20255	V20265	V20275
Step 6	V20206	V20216	V20226	V20236	V20246	V20256	V20266	V20276
Step 7	V20207	V20217	V20227	V20237	V20247	V20257	V20267	V20277