Systems Integration

APOGEE™ Open Processor with McQuay Microtech Driver: RMC Monitoring and Control Panel for Self-Contained Air Conditioning Units

Table 1. RMC Monitoring and Control Panel for Self-Contained Air Conditioning Units.

Point	Type	Description	Range/Units
01	LAO	Device Address	—
02	LAO	Application Number	5046
03	LDI	Schedule 1 Status	Off/On
04	LDI	Schedule 2 Status	Off/On
05	LDI	Schedule 3 Status	Off/On
06	LDI	Schedule 4 Status	Off/On
07	LAI	Group 1 Control Temperature	0 – 255°F
08	LAI	Group 2 Control Temperature	0 – 255°F
09	LAI	Group 3 Control Temperature	0 – 255°F
10	LAI	Group 4 Control Temperature	0 – 255°F
11	LAI	Group 1 Static Pressure	IWC
12	LAI	Group 2 Static Pressure	IWC
13	LAI	Group 3 Static Pressure	IWC
14	LAI	Group 4 Static Pressure	IWC
15	LAI	Group 1 Speed/Vane Position	0 – 100%
16	LAI	Group 2 Speed/Vane Position	0 – 100%
17	LAI	Group 3 Speed/Vane Position	0 – 100%
18	LAI	Group 4 Speed/Vane Position	0 – 100%
19	LAO	Number of Units	1 – 8
20	LAO	Unit No. 1 Address. This point provides the RMC with its corresponding level 2 unit's network address. The address must match the hex address on the level 2 controller.	1 – 254
21	LAO	Unit No. 2 Address. (See Note for Point 20)	1 – 254
22	LAO	Unit No. 3 Address. (See Note for Point 20)	1 – 254

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Table 1. RMC Monitoring and Control Panel for Self-Contained Air Conditioning Units.

Point	Type	Description	Range/Units
23	LAO	Unit No. 4 Address. (See Note for Point 20)	1 – 254
24	LAO	Unit No. 5 Address. (See Note for Point 20)	1 – 254
25	LAO	Unit No. 6 Address. (See Note for Point 20)	1 – 254
26	LAO	Unit No. 7 Address. (See Note for Point 20)	1 – 254
27	LAO	Unit No. 8 Address. (See Note for Point 20)	1 – 254
28	LAO	Unit 1 Group Number	0 – 4
29	LAO	Unit 2 Group Number	0 – 4
30	LAO	Unit 3 Group Number	0 – 4
31	LAO	Unit 4 Group Number	0 – 4
32	LAO	Unit 5 Group Number	0 – 4
33	LAO	Unit 6 Group Number	0 – 4
34	LAO	Unit 7 Group Number	0 – 4
35	LAO	Unit 8 Group Number	0 – 4
36	LAO	Group No. 1 Control Temperature Choice	0 = Return Air 1 = Space
37	LAO	Group No. 1 Temperature Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
38	LAO	Group No. 1 Pressure Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
39	LAO	Group No. 1 Pressure Set Point	0 – 4 IWC
40	LAO	Group No. 2 Control Temperature Choice	0 = Return Air 1 = Space
41	LAO	Group No. 2 Temperature Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
42	LAO	Group No. 2 Pressure Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
43	LAO	Group No. 2 Pressure Set Point	0 – 4 IWC
44	LAO	Group No. 3 Control Temperature Choice	0 = Return Air 1 = Space
45	LAO	Group No. 3 Temperature Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
46	LAO	Group No. 3 Pressure Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
47	LAO	Group No. 3 Pressure Set Point	0 – 4 IWC

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Point	Type	Description	Range/Units
48	LAO	Group No. 4 Control Temperature Choice	0 = Return Air 1 = Space
49	LAO	Group No. 4 Temperature Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
50	LAO	Group No. 4 Pressure Calculation	0 = Based on Minimum 1 = Based on Maximum 2 = Based on Average
51	LAO	Group No. 4 Pressure Set Point	0 – 4 IWC
99	LDI	Device Communication Failure	Normal/Failed

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