Basic Bus Module®Anybus® PROFIBUS®

Guide

57010230-00A February 2020

Related Documentation

For complete information on the Basic Bus Module unit, see the user manual for the unit.

ANYBUS PROFIBUS MODULE

The Anybus PROFIBUS module is an optional accessory for the Basic Bus Module power controller. The module allows the power controller to be integrated into complex installations via the field bus.You can use the module to control Thyro-A®, Thyro-A eco, Thyro-S®, and Thyro-AX® series power controllers.

Related Links

Advanced Energy

HARDWARE DESCRIPTION

This module is compliant with the PROFIBUS standard.

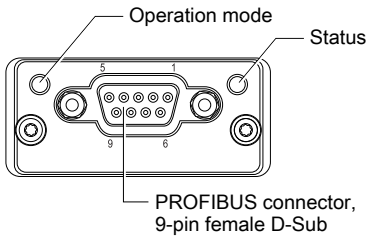

Figure 1. Hardware

Table 1. Operation mode LED

State	Indication
Off	Not online/no power
Green	Online, data exchange
Flashing green	Online, clear
Flashing red (1 flash)	Parameterization error
Flashing red (2 flashes)	PROFIBUS configuration error

Table 2. Status LED

State	Indication
Off	Not initialized
Green	Initialized
Flashing green	Initialized, diagnostic event(s) present
Red	Exception error

Table 3. Connector pinout

Pin	Signal	Description
1	-	-
2	-	-
3	B line	Positive RxD/TxD, RS-485 level
4	RTS	Request to send
5	GND bus	Isolated ground
6	+5 V bus output	Isolated, short-circuit protected termination power
7	-	-
8	A line	Negative RxD/TxD, RS-485 level

Table 3. Connector pinout (Continued)

Pin	Signal	Description
9	-	-
Housing	Cable shield	Internally connected to the Anybus Protective Earth ground via cable shield filters according to the PROFIBUS standard

CONFIGURING PROCESS CONTROL SOFTWARE

The General Station Description (GSD) file contains information about the capabilities of the unit. You can use the GSD file to configure the process control software. Download the current GSD file from the AE website https://www.advancedenergy.com/landing-pages/thyro-accessories-downloads/.

Install the GSD file in the process control software.

CONFIGURING WITH THYRO-TOOL PRO PC SOFTWARE

You can configure the Basic Bus Module power controller using the Thyro-Tool Pro PC software.

To configure the unit, you will:

- Adapt the Basic Bus Module hardware configuration
- Configure the PROFIBUS address

If required, you can also:

- Select the configuration
- Configure the diagnostics
- Configure the flexible link parameters

Adapting Basic Bus Module Hardware Configuration

Open the parameter file with the unit online in the **Port Explorer** tab of the Thyro-Tool Pro PC software.

Set the Anybus module slot to **Profibus DPV1** in the Basic Bus Module device hardware configuration:

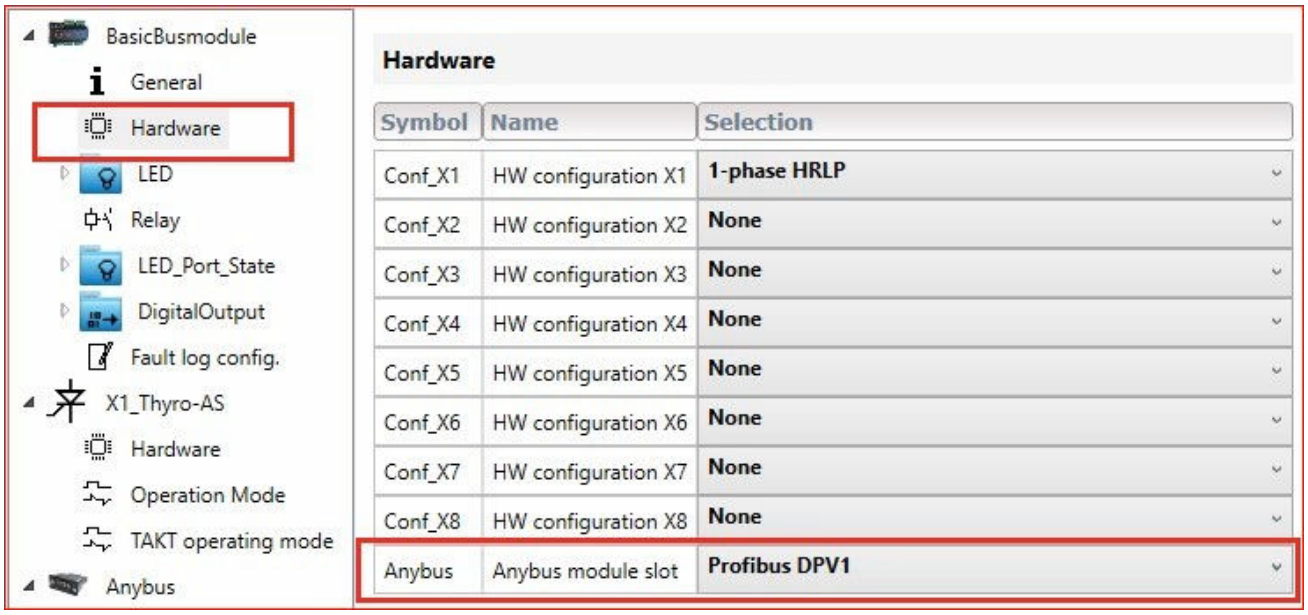

Figure 2. Menu tree

Anybus Parameter Group

When the computer is connected to the Basic Bus Module unit, the Anybus parameter group will be added to the parameter list after updating the hardware configuration, as shown in the previous figure.

If the unit is not available for online configuration, the software can also be configured offline. Contact AE Global Services to obtain a parameter file appropriate to your hardware configuration.

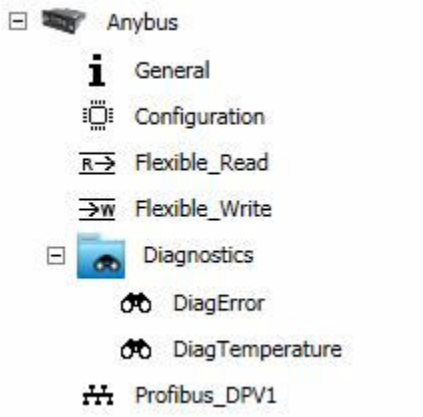

Figure 3. Anybus parameter group

Configuring PROFIBUS Address

Set the PROFIBUS address in the submenu **Profibus_DPV1**:

Figure 4. Configure PROFIBUS address

Selecting Configuration

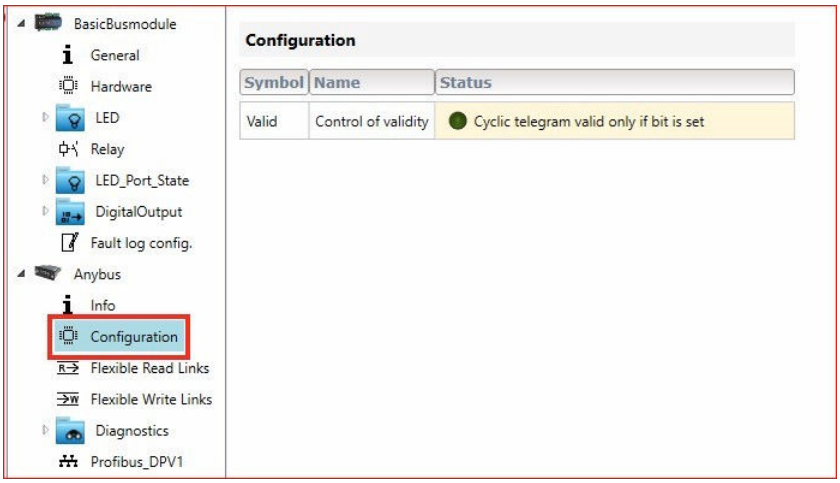

Figure 5. Select configuration

INSTALLING OPTIONAL MODULES

DANGER:

RISK OF DEATH OR BODILY INJURY. Disconnect and lockout/tagout all sources of input power before working on this unit or anything connected to it.

DANGER:

RISQUE DE MORT OU DE BLESSURES. Débrancher et verrouiller/étiqueter toutes les sources de puissance d'entrée avant de travailler sur cet appareil ou sur tout élément qui y est raccordé.

The optional modules may be shipped separately.

1. Verify that the unit is disconnected from all power sources.

2. Unpack each optional module at an ESD safe work space.
3. Plug each optional module into the unit.

   When an Anybus module is inserted into the unit, guide the module towards the left during insertion.
4. Secure each module with the two TORX® T8 screws provided with the module.

If an Anybus module must be removed from the unit, loosen the TORX T8 mounting screws 3 turns, and pry out the module with a small flat-bladed screwdriver, as shown in the following figure.

Figure 6. *Anybus module removal*

BASIC BUS MODULE STATUS AND ERROR COMMUNICATIONS

The commands in the following table are write commands.

Table 4. Device commands

Device Command	UINT16 Bit
Pulse lock X1	0
Pulse lock X2	1
Pulse lock X3	2
Pulse lock X4	3
Pulse lock X5	4
Pulse lock X6	5
Pulse lock X7	6
Pulse lock X8	7
External error	9
Save	13
Only if bit set	15

The commands in the following table are read commands.

Table 5. Device error descriptions

Device Error Description	UINT32 Bit
Aux supply error	0
I2C	1
Communication	3
Customer1	8
X1 config error	16
X1 config error	17
X1 config error	18
X1 config error	19
X1 config error	20
X1 config error	21
X1 config error	22
X1 config error	23
Anybus config error	26

The commands in the following table are read commands.

Table 6. Device error extensions

Device Error Extension	UINT32 Bit
Anybus error	0
Anybus ADI does not exist	1
DASM power error	3
DASM count error	8

POWER CONTROLLER STATUS AND ERROR COMMUNICATIONS

Table 7. Power controller status communications

Description	Bit	LED Status	Relays
Pulse inhibit active bridge X2.1 - X2.2 open	0	**Pulse Inhibit** on	Closed
Mains frequency 60 Hz	1	Not active	Closed
U - limit	2	**Pulse Inhibit** and **Load Fault** flashing slowly and alternating	Closed
I - limit	3	**Pulse Inhibit** and **Load Fault** flashing slowly and alternating	Closed
P - limit	4	**Pulse Inhibit** and **Load Fault** flashing slowly and alternating	Closed
Relays status 0 = Relays off 1 = Relays on	5	Not active	Closed/open
Device turned off	6	Not active	Closed
Wrong device	8	Not active	Closed
Bus module active 0 = No bus module 1 = Active bus module	9	Not active	Closed
SCR shortage	10	Thyro-S only	Closed
Failure rotation field/ phase available only for Thyro-A 2A/3A units and Thyro-AX 2A/3A units	11	**Pulse Inhibit** and **Test** flashing slowly in sync	Closed
I_{max} (intern)	12	Not active	Closed
P_{min} (intern)	13	Not active	Closed
P_{max} (intern)	14	Not active	Closed

Table 8. Power controller error communications

Description	Bit	LED Status	Relays
Out of range frequency (47 Hz to 63 Hz)	0	**Pulse Inhibit** flashing slowly	Open
Sync - failure, no zero crossing within boundaries	1	**Pulse Inhibit** flashing slowly	Open
Thermal monitoring activated	2	**Load Fault** flashing slowly	Open
Load failure	3	**Load Fault** flashing slowly	Open
Invalid flash values	4	**Pulse Inhibit** and **Load Fault** flashing quickly and alternating	Open
Mains undervoltage (less than AD_P_SPG_Min)	5	**Pulse Inhibit** and **Load Fault** flashing, and **Test** on	Open
Mains overvoltage (>AD_P_SPG_Max)	6	Not active	Open
Master/slave failure available only for Thyro-A 2A and Thyro-AX 2A units	8	Not active	Closed
U_{min}	9	Not active	Open
U_{max}	10	Not active	Open
I_{min}	11	Not active	Open
I_{max}	12	Not active	Open
P_{min}	13	Not active	Open
P_{max}	14	Not active	Open

PROFIBUS PARAMETER LIST

Table 9. Parameter list slot 0

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1	0	Read	Flexible link 01 r	UINT32	Customized parameter mapping
2	1	Read	Flexible link 02 r	UINT32	Customized parameter mapping
3	2	Read	Flexible link 03 r	UINT32	Customized parameter mapping
4	3	Read	Flexible link 04 r	UINT32	Customized parameter mapping
5	4	Read	Flexible link 05 r	UINT32	Customized parameter mapping
6	5	Read	Flexible link 06 r	UINT32	Customized parameter mapping
7	6	Read	Flexible link 07 r	UINT32	Customized parameter mapping
8	7	Read	Flexible link 08 r	UINT32	Customized parameter mapping
9	8	Read	Flexible link 09 r	UINT32	Customized parameter mapping
10	9	Read	Flexible link 10 r	UINT32	Customized parameter mapping
11	10	Read	Flexible link 11 r	UINT32	Customized parameter mapping
12	11	Read	Flexible link 12 r	UINT32	Customized parameter mapping
13	12	Read	Flexible link 13 r	UINT32	Customized parameter mapping
14	13	Read	Flexible link 14 r	UINT32	Customized parameter mapping
15	14	Read	Flexible link 15 r	UINT32	Customized parameter mapping
16	15	Read	Flexible link 16 r	UINT32	Customized parameter mapping
17	16	Read	Flexible link 17 r	UINT32	Customized parameter mapping
18	17	Read	Flexible link 18 r	UINT32	Customized parameter mapping
19	18	Read	Flexible link 19 r	UINT32	Customized parameter mapping
20	19	Read	Flexible link 20 r	UINT32	Customized parameter mapping
21	20	Read	Flexible link 21 r	UINT32	Customized parameter mapping
22	21	Read	Flexible link 22 r	UINT32	Customized parameter mapping
23	22	Read	Flexible link 23 r	UINT32	Customized parameter mapping
24	23	Read	Flexible link 24 r	UINT32	Customized parameter mapping
25	24	Read	Flexible link 25 r	UINT32	Customized parameter mapping
26	25	Read	Flexible link 26 r	UINT32	Customized parameter mapping
27	26	Read	Flexible link 27 r	UINT32	Customized parameter mapping
28	27	Read	Flexible link 28 r	UINT32	Customized parameter mapping
29	28	Read	Flexible link 29 r	UINT32	Customized parameter mapping
30	29	Read	Flexible link 30 r	UINT32	Customized parameter mapping

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
31	30	Read	Flexible link 31 r	UINT32	Customized parameter mapping
32	31	Read	Flexible link 32 r	UINT32	Customized parameter mapping
33	32	Write	Flexible link 01 w	UINT32	Customized parameter mapping
34	33	Write	Flexible link 02 w	UINT32	Customized parameter mapping
35	34	Write	Flexible link 03 w	UINT32	Customized parameter mapping
36	35	Write	Flexible link 04 w	UINT32	Customized parameter mapping
37	36	Write	Flexible link 05 w	UINT32	Customized parameter mapping
38	37	Write	Flexible link 06 w	UINT32	Customized parameter mapping
39	38	Write	Flexible link 07 w	UINT32	Customized parameter mapping
40	39	Write	Flexible link 08 w	UINT32	Customized parameter mapping
41	40	Write	Flexible link 09 w	UINT32	Customized parameter mapping
42	41	Write	Flexible link 10 w	UINT32	Customized parameter mapping
43	42	Write	Flexible link 11 w	UINT32	Customized parameter mapping
44	43	Write	Flexible link 12 w	UINT32	Customized parameter mapping
45	44	Write	Flexible link 13 w	UINT32	Customized parameter mapping
46	45	Write	Flexible link 14 w	UINT32	Customized parameter mapping
47	46	Write	Flexible link 15 w	UINT32	Customized parameter mapping
48	47	Write	Flexible link 16 w	UINT32	Customized parameter mapping
49	48	Write	Flexible link 17 w	UINT32	Customized parameter mapping
50	49	Write	Flexible link 18 w	UINT32	Customized parameter mapping
51	50	Write	Flexible link 19 w	UINT32	Customized parameter mapping
52	51	Write	Flexible link 20 w	UINT32	Customized parameter mapping
53	52	Write	Flexible link 21 w	UINT32	Customized parameter mapping
54	53	Write	Flexible link 22 w	UINT32	Customized parameter mapping
55	54	Write	Flexible link 23 w	UINT32	Customized parameter mapping
56	55	Write	Flexible link 24 w	UINT32	Customized parameter mapping
57	56	Write	Config link 01 w	UINT32	Write configuration link to assigned number
58	57	Write	Config link 02 w	UINT32	Write configuration link to assigned number
59	58	Write	Config link 03 w	UINT32	Write configuration link to assigned number
60	59	Write	Config link 04 w	UINT32	Write configuration link to assigned number
61	60	Write	Config link 05 w	UINT32	Write configuration link to assigned number
62	61	Write	Config link 06 w	UINT32	Write configuration link to assigned number
63	62	Write	Config link 07 w	UINT32	Write configuration link to assigned number
64	63	Write	Config link 08 w	UINT32	Write configuration link to assigned number

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
65	64	Write	Config link 09 w	UINT32	Write configuration link to assigned number
66	65	Write	Config link 10 w	UINT32	Write configuration link to assigned number
67	66	Write	Config link 11 w	UINT32	Write configuration link to assigned number
68	67	Write	Config link 12 w	UINT32	Write configuration link to assigned number
69	68	Write	Config link 13 w	UINT32	Write configuration link to assigned number
70	69	Write	Config link 14 w	UINT32	Write configuration link to assigned number
71	70	Write	Config link 15 w	UINT32	Write configuration link to assigned number
72	71	Write	Config link 16 w	UINT32	Write configuration link to assigned number
73	72	Write	Config link 17 w	UINT32	Write configuration link to assigned number
74	73	Write	Config link 18 w	UINT32	Write configuration link to assigned number
75	74	Write	Config link 19 w	UINT32	Write configuration link to assigned number
76	75	Write	Config link 20 w	UINT32	Write configuration link to assigned number
77	76	Write	Config link 21 w	UINT32	Write configuration link to assigned number
78	77	Write	Config link 22 w	UINT32	Write configuration link to assigned number
79	78	Write	Config link 23 w	UINT32	Write configuration link to assigned number
80	79	Write	Config link 24 w	UINT32	Write configuration link to assigned number
81	80	Write	Config link 25 w	UINT32	Write configuration link to assigned number
82	81	Write	Config link 26 w	UINT32	Write configuration link to assigned number
83	82	Write	Config link 27 w	UINT32	Write configuration link to assigned number
84	83	Write	Config link 28 w	UINT32	Write configuration link to assigned number
85	84	Write	Config link 29 w	UINT32	Write configuration link to assigned number
86	85	Write	Config link 30 w	UINT32	Write configuration link to assigned number
87	86	Write	Config link 31 w	UINT32	Write configuration link to assigned number
88	87	Write	Config link 32 w	UINT32	Write configuration link to assigned number
89	88	Write	Config link 01 w	UINT32	Write configuration link to assigned number
90	89	Write	Config link 02 w	UINT32	Write configuration link to assigned number
91	90	Write	Config link 03 w	UINT32	Write configuration link to assigned number
92	91	Write	Config link 04 w	UINT32	Write configuration link to assigned number
93	92	Write	Config link 05 w	UINT32	Write configuration link to assigned number
94	93	Write	Config link 06 w	UINT32	Write configuration link to assigned number
95	94	Write	Config link 07 w	UINT32	Write configuration link to assigned number
96	95	Write	Config link 08 w	UINT32	Write configuration link to assigned number
97	96	Write	Config link 09 w	UINT32	Write configuration link to assigned number
98	97	Write	Config link 10 w	UINT32	Write configuration link to assigned number

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
99	98	Write	Config link 11 w	UINT32	Write configuration link to assigned number
100	99	Write	Config link 12 w	UINT32	Write configuration link to assigned number
101	100	Write	Config link 13 w	UINT32	Write configuration link to assigned number
102	101	Write	Config link 14 w	UINT32	Write configuration link to assigned number
103	102	Write	Config link 15 w	UINT32	Write configuration link to assigned number
104	103	Write	Config link 16 w	UINT32	Write configuration link to assigned number
105	104	Write	Config link 17 w	UINT32	Write configuration link to assigned number
106	105	Write	Config link 18 w	UINT32	Write configuration link to assigned number
107	106	Write	Config link 19 w	UINT32	Write configuration link to assigned number
108	107	Write	Config link 20 w	UINT32	Write configuration link to assigned number
109	108	Write	Config link 21 w	UINT32	Write configuration link to assigned number
110	109	Write	Config link 22 w	UINT32	Write configuration link to assigned number
111	110	Write	Config link 23 w	UINT32	Write configuration link to assigned number
112	111	Write	Config link 24 w	UINT32	Write configuration link to assigned number
113	112	Write	Device commands w	UINT16	Refer to "Basic Bus Module Status and Error Communications"
115	113	Read	Device operating hours r	FLOAT	Refer to "Basic Bus Module Status and Error Communications"
117	115	Read	Device error device r	UINT32	Refer to "Basic Bus Module Status and Error Communications"
118	117	Read	Device error extension r	UINT32	Refer to "Basic Bus Module Status and Error Communications"
120	118	Write	I/O LED 1-2 rd/gr w	UINT16	I/O LED 1-2 rd/gr
121	120	Read	I/O LED 1-2 rd/gr r	UINT16	I/O LED 1-2 rd/gr
123	121	Write	I/O Relay 1 w	UINT16	I/O relay 1
124	123	Read	I/O Relay 1 r	UINT16	I/O relay 1
126	124	Write	I/O LED PS 1-8 w	UINT16	I/O LED PS 1-8
127	126	Read	I/O LED PS 1-8 r	UINT16	I/O LED PS 1-8
129	127	Write	I/O Digital Out 1-8 w	UINT16	I/O Digital Out 1-8
130	129	Read	I/O Digital Out 1-8 r	UINT16	I/O Digital Out 1-8
132	130	Read	dASM total power r	FLOAT	Read total power for dASM mode
133	132	Read	dASM count r	UINT32	Read connected dASM number
136	133	Read	X1 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
137	136	Read	X2 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
138	137	Read	X3 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
139	138	Read	X4 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
140	139	Read	X5 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
141	140	Read	X6 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
142	141	Read	X7 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
143	142	Read	X8 analog setpoint r	FLOAT	Read analog setpoint of connected PCM port
144	143	Write	X1 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
145	144	Write	X2 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
146	145	Write	X3 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
147	146	Write	X4 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
148	147	Write	X5 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
149	148	Write	X6 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
150	149	Write	X7 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
151	150	Write	X8 fieldbus setpoint w	FLOAT	Write fieldbus setpoint value
152	151	Read	X1 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
153	152	Read	X2 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
154	153	Read	X3 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
155	154	Read	X4 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
156	155	Read	X5 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
157	156	Read	X6 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
158	157	Read	X7 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
159	158	Read	X8 actual setpoint r	FLOAT	Read actual setpoint of connected PCM port
160	159	Read	X1 total power r	FLOAT	Read total power of connected PCM at port
161	160	Read	X2 total power r	FLOAT	Read total power of connected PCM at port
162	161	Read	X3 total power r	FLOAT	Read total power of connected PCM at port
163	162	Read	X4 total power r	FLOAT	Read total power of connected PCM at port
164	163	Read	X5 total power r	FLOAT	Read total power of connected PCM at port
165	164	Read	X6 total power r	FLOAT	Read total power of connected PCM at port
166	165	Read	X7 total power r	FLOAT	Read total power of connected PCM at port
167	166	Read	X8 total power r	FLOAT	Read total power of connected PCM at port
168	167	Read	X1 alpha r	FLOAT	Read phase angle value of connected PCM port
169	168	Read	X2 alpha r	FLOAT	Read phase angle value of connected PCM port
170	169	Read	X3 alpha r	FLOAT	Read phase angle value of connected PCM port
171	170	Read	X4 alpha r	FLOAT	Read phase angle value of connected PCM port
172	171	Read	X5 alpha r	FLOAT	Read phase angle value of connected PCM port

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
173	172	Read	X6 alpha r	FLOAT	Read phase angle value of connected PCM port
174	173	Read	X7 alpha r	FLOAT	Read phase angle value of connected PCM port
175	174	Read	X8 alpha r	FLOAT	Read phase angle value of connected PCM port
176	175	Read	X1 time on r	FLOAT	Read time on of connected PCM at port
177	176	Read	X2 time on r	FLOAT	Read time on of connected PCM at port
178	177	Read	X3 time on r	FLOAT	Read time on of connected PCM at port
179	178	Read	X4 time on r	FLOAT	Read time on of connected PCM at port
180	179	Read	X5 time on r	FLOAT	Read time on of connected PCM at port
181	180	Read	X6 time on r	FLOAT	Read time on of connected PCM at port
182	181	Read	X7 time on r	FLOAT	Read time on of connected PCM at port
183	182	Read	X8 time on r	FLOAT	Read time on of connected PCM at port
192	183	Read	X1 frequency r	FLOAT	Read frequency value of connected PCM
193	192	Read	X2 frequency r	FLOAT	Read frequency value of connected PCM
194	193	Read	X3 frequency r	FLOAT	Read frequency value of connected PCM
195	194	Read	X4 frequency r	FLOAT	Read frequency value of connected PCM
196	195	Read	X5 frequency r	FLOAT	Read frequency value of connected PCM
197	196	Read	X6 frequency r	FLOAT	Read frequency value of connected PCM
198	197	Read	X7 frequency r	FLOAT	Read frequency value of connected PCM
199	198	Read	X8 frequency r	FLOAT	Read frequency value of connected PCM
200	199	Read	X1 error r	UINT32	Refer to “Power Controller Status and Error Communications”
201	200	Read	X2 error r	UINT32	Refer to “Power Controller Status and Error Communications”
202	201	Read	X3 error r	UINT32	Refer to “Power Controller Status and Error Communications”
203	202	Read	X4 error r	UINT32	Refer to “Power Controller Status and Error Communications”
204	203	Read	X5 error r	UINT32	Refer to “Power Controller Status and Error Communications”
205	204	Read	X6 error r	UINT32	Refer to “Power Controller Status and Error Communications”
206	205	Read	X7 error r	UINT32	Refer to “Power Controller Status and Error Communications”
207	206	Read	X8 error r	UINT32	Refer to “Power Controller Status and Error Communications”

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
208	207	Read	X1 status r	UINT32	Refer to "Power Controller Status and Error Communications"
209	208	Read	X2 status r	UINT32	Refer to "Power Controller Status and Error Communications"
210	209	Read	X3 status r	UINT32	Refer to "Power Controller Status and Error Communications"
211	210	Read	X4 status r	UINT32	Refer to "Power Controller Status and Error Communications"
212	211	Read	X5 status r	UINT32	Refer to "Power Controller Status and Error Communications"
213	212	Read	X6 status r	UINT32	Refer to "Power Controller Status and Error Communications"
214	213	Read	X7 status r	UINT32	Refer to "Power Controller Status and Error Communications"
215	214	Read	X8 status r	UINT32	Refer to "Power Controller Status and Error Communications"
216	215	Read	X1 monitoring r	UINT32	Read monitoring at connected port
217	216	Read	X2 monitoring r	UINT32	Read monitoring at connected port
218	217	Read	X3 monitoring r	UINT32	Read monitoring at connected port
219	218	Read	X4 monitoring r	UINT32	Read monitoring at connected port
220	219	Read	X5 monitoring r	UINT32	Read monitoring at connected port
221	220	Read	X6 monitoring r	UINT32	Read monitoring at connected port
222	221	Read	X7 monitoring r	UINT32	Read monitoring at connected port
223	222	Read	X8 monitoring r	UINT32	Read monitoring at connected port
224	223	Read	X1 L1 U_{mains} r	FLOAT	L1 U_{mains}
225	224	Read	X2 L1 U_{mains} r	FLOAT	L1 U_{mains}
226	225	Read	X3 L1 U_{mains} r	FLOAT	L1 U_{mains}
227	226	Read	X4 L1 U_{mains} r	FLOAT	L1 U_{mains}
228	227	Read	X5 L1 U_{mains} r	FLOAT	L1 U_{mains}
229	228	Read	X6 L1 U_{mains} r	FLOAT	L1 U_{mains}
230	229	Read	X7 L1 U_{mains} r	FLOAT	L1 U_{mains}
231	230	Read	X8 L1 U_{mains} r	FLOAT	L1 U_{mains}
232	231	Read	X1 L1 U_{rms} r	FLOAT	L1 U_{rms}
233	232	Read	X2 L1 U_{rms} r	FLOAT	L1 U_{rms}
234	233	Read	X3 L1 U_{rms} r	FLOAT	L1 U_{rms}

Table 9. Parameter list slot 0 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
235	234	Read	X4 L1 U_{rms} r	FLOAT	L1 U_{rms}
236	235	Read	X5 L1 U_{rms} r	FLOAT	L1 U_{rms}
237	236	Read	X6 L1 U_{rms} r	FLOAT	L1 U_{rms}
238	237	Read	X7 L1 U_{rms} r	FLOAT	L1 U_{rms}
239	238	Read	X8 L1 U_{rms} r	FLOAT	L1 U_{rms}
240	239	Read	X1 L1 I_{rms} r	FLOAT	L1 I_{rms}
241	240	Read	X2 L1 I_{rms} r	FLOAT	L1 I_{rms}
242	241	Read	X3 L1 I_{rms} r	FLOAT	L1 I_{rms}
243	242	Read	X4 L1 I_{rms} r	FLOAT	L1 I_{rms}
244	243	Read	X5 L1 I_{rms} r	FLOAT	L1 I_{rms}
245	244	Read	X6 L1 I_{rms} r	FLOAT	L1 I_{rms}
246	245	Read	X7 L1 I_{rms} r	FLOAT	L1 I_{rms}
247	246	Read	X8 L1 I_{rms} r	FLOAT	L1 I_{rms}
248	247	Read	X1 L1 power r	FLOAT	L1 power
249	248	Read	X2 L1 power r	FLOAT	L1 power
250	249	Read	X3 L1 power r	FLOAT	L1 power
251	250	Read	X4 L1 power r	FLOAT	L1 power
252	251	Read	X5 L1 power r	FLOAT	L1 power
253	252	Read	X6 L1 power r	FLOAT	L1 power
254	253	Read	X7 L1 power r	FLOAT	L1 power
255	254	Read	X8 L1 power r	FLOAT	L1 power

Table 10. Parameter list slot 1

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
256	0	Read	X1 L1 resistance r	FLOAT	L1 resistance
257	1	Read	X2 L1 resistance r	FLOAT	L1 resistance
258	2	Read	X3 L1 resistance r	FLOAT	L1 resistance
259	3	Read	X4 L1 resistance r	FLOAT	L1 resistance
260	4	Read	X5 L1 resistance r	FLOAT	L1 resistance
261	5	Read	X6 L1 resistance r	FLOAT	L1 resistance
262	6	Read	X7 L1 resistance r	FLOAT	L1 resistance
263	7	Read	X8 L1 resistance r	FLOAT	L1 resistance

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
264	8	Read	X1 L1 temperature r	FLOAT	L1 temperature
265	9	Read	X2 L1 temperature r	FLOAT	L1 temperature
266	10	Read	X3 L1 temperature r	FLOAT	L1 temperature
267	11	Read	X4 L1 temperature r	FLOAT	L1 temperature
268	12	Read	X5 L1 temperature r	FLOAT	L1 temperature
269	13	Read	X6 L1 temperature r	FLOAT	L1 temperature
270	14	Read	X7 L1 temperature r	FLOAT	L1 temperature
271	15	Read	X8 L1 temperature r	FLOAT	L1 temperature
272	16	Read	X1 L2 U_{mains} r	FLOAT	L2 U_{mains}
273	17	Read	X2 L2 U_{mains} r	FLOAT	L2 U_{mains}
274	18	Read	X3 L2 U_{mains} r	FLOAT	L2 U_{mains}
275	19	Read	X4 L2 U_{mains} r	FLOAT	L2 U_{mains}
276	20	Read	X5 L2 U_{mains} r	FLOAT	L2 U_{mains}
277	21	Read	X6 L2 U_{mains} r	FLOAT	L2 U_{mains}
278	22	Read	X7 L2 U_{mains} r	FLOAT	L2 U_{mains}
279	23	Read	X8 L2 U_{mains} r	FLOAT	L2 U_{mains}
280	24	Read	X1 L2 U_{rms} r	FLOAT	L2 U_{rms}
281	25	Read	X2 L2 U_{rms} r	FLOAT	L2 U_{rms}
282	26	Read	X3 L2 U_{rms} r	FLOAT	L2 U_{rms}
283	27	Read	X4 L2 U_{rms} r	FLOAT	L2 U_{rms}
284	28	Read	X5 L2 U_{rms} r	FLOAT	L2 U_{rms}
285	29	Read	X6 L2 U_{rms} r	FLOAT	L2 U_{rms}
286	30	Read	X7 L2 U_{rms} r	FLOAT	L2 U_{rms}
287	31	Read	X8 L2 U_{rms} r	FLOAT	L2 U_{rms}
288	32	Read	X1 L2 I_{rms} r	FLOAT	L2 I_{rms}
289	33	Read	X2 L2 I_{rms} r	FLOAT	L2 I_{rms}
290	34	Read	X3 L2 I_{rms} r	FLOAT	L2 I_{rms}
291	35	Read	X4 L2 I_{rms} r	FLOAT	L2 I_{rms}
292	36	Read	X5 L2 I_{rms} r	FLOAT	L2 I_{rms}
293	37	Read	X6 L2 I_{rms} r	FLOAT	L2 I_{rms}
294	38	Read	X7 L2 I_{rms} r	FLOAT	L2 I_{rms}
295	39	Read	X8 L2 I_{rms} r	FLOAT	L2 I_{rms}

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
296	40	Read	X1 L2 power r	FLOAT	L2 power
297	41	Read	X2 L2 power r	FLOAT	L2 power
298	42	Read	X3 L2 power r	FLOAT	L2 power
299	43	Read	X4 L2 power r	FLOAT	L2 power
300	44	Read	X5 L2 power r	FLOAT	L2 power
301	45	Read	X6 L2 power r	FLOAT	L2 power
302	46	Read	X7 L2 power r	FLOAT	L2 power
303	47	Read	X8 L2 power r	FLOAT	L2 power
304	48	Read	X1 L2 resistance r	FLOAT	L2 resistance
305	49	Read	X2 L2 resistance r	FLOAT	L2 resistance
306	50	Read	X3 L2 resistance r	FLOAT	L2 resistance
307	51	Read	X4 L2 resistance r	FLOAT	L2 resistance
308	52	Read	X5 L2 resistance r	FLOAT	L2 resistance
309	53	Read	X6 L2 resistance r	FLOAT	L2 resistance
310	54	Read	X7 L2 resistance r	FLOAT	L2 resistance
311	55	Read	X8 L2 resistance r	FLOAT	L2 resistance
312	56	Read	X1 L2 temperature r	FLOAT	L2 temperature
313	57	Read	X2 L2 temperature r	FLOAT	L2 temperature
314	58	Read	X3 L2 temperature r	FLOAT	L2 temperature
315	59	Read	X4 L2 temperature r	FLOAT	L2 temperature
316	60	Read	X5 L2 temperature r	FLOAT	L2 temperature
317	61	Read	X6 L2 temperature r	FLOAT	L2 temperature
318	62	Read	X7 L2 temperature r	FLOAT	L2 temperature
319	63	Read	X8 L2 temperature r	FLOAT	L2 temperature
320	64	Read	X1 L3 U_{mains} r	FLOAT	L3 U_{mains}
321	65	Read	X2 L3 U_{mains} r	FLOAT	L3 U_{mains}
322	66	Read	X3 L3 U_{mains} r	FLOAT	L3 U_{mains}
323	67	Read	X4 L3 U_{mains} r	FLOAT	L3 U_{mains}
324	68	Read	X5 L3 U_{mains} r	FLOAT	L3 U_{mains}
325	69	Read	X6 L3 U_{mains} r	FLOAT	L3 U_{mains}
326	70	Read	X7 L3 U_{mains} r	FLOAT	L3 U_{mains}
327	71	Read	X8 L3 U_{mains} r	FLOAT	L3 U_{mains}
328	72	Read	X1 L3 U_{rms} r	FLOAT	L3 U_{rms}

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
329	73	Read	X2 L3 U_{rms} r	FLOAT	L3 U_{rms}
330	74	Read	X3 L3 U_{rms} r	FLOAT	L3 U_{rms}
331	75	Read	X4 L3 U_{rms} r	FLOAT	L3 U_{rms}
332	76	Read	X5 L3 U_{rms} r	FLOAT	L3 U_{rms}
333	77	Read	X6 L3 U_{rms} r	FLOAT	L3 U_{rms}
334	78	Read	X7 L3 U_{rms} r	FLOAT	L3 U_{rms}
335	79	Read	X8 L3 U_{rms} r	FLOAT	L3 U_{rms}
336	80	Read	X1 L3 I_{rms} r	FLOAT	L3 I_{rms}
337	81	Read	X2 L3 I_{rms} r	FLOAT	L3 I_{rms}
338	82	Read	X3 L3 I_{rms} r	FLOAT	L3 I_{rms}
339	83	Read	X4 L3 I_{rms} r	FLOAT	L3 I_{rms}
340	84	Read	X5 L3 I_{rms} r	FLOAT	L3 I_{rms}
341	85	Read	X6 L3 I_{rms} r	FLOAT	L3 I_{rms}
342	86	Read	X7 L3 I_{rms} r	FLOAT	L3 I_{rms}
343	87	Read	X8 L3 I_{rms} r	FLOAT	L3 I_{rms}
344	88	Read	X1 L3 power r	FLOAT	L3 power
345	89	Read	X2 L3 power r	FLOAT	L3 power
346	90	Read	X3 L3 power r	FLOAT	L3 power
347	91	Read	X4 L3 power r	FLOAT	L3 power
348	92	Read	X5 L3 power r	FLOAT	L3 power
349	93	Read	X6 L3 power r	FLOAT	L3 power
350	94	Read	X7 L3 power r	FLOAT	L3 power
351	95	Read	X8 L3 power r	FLOAT	L3 power
352	96	Read	X1 L3 resistance r	FLOAT	L3 resistance
353	97	Read	X2 L3 resistance r	FLOAT	L3 resistance
354	98	Read	X3 L3 resistance r	FLOAT	L3 resistance
355	99	Read	X4 L3 resistance r	FLOAT	L3 resistance
356	100	Read	X5 L3 resistance r	FLOAT	L3 resistance
357	101	Read	X6 L3 resistance r	FLOAT	L3 resistance
358	102	Read	X7 L3 resistance r	FLOAT	L3 resistance
359	103	Read	X8 L3 resistance r	FLOAT	L3 resistance
360	104	Read	X1 L3 temperature r	FLOAT	L3 temperature
361	105	Read	X2 L3 temperature r	FLOAT	L3 temperature

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
362	106	Read	X3 L3 temperature r	FLOAT	L3 temperature
363	107	Read	X4 L3 temperature r	FLOAT	L3 temperature
364	108	Read	X5 L3 temperature r	FLOAT	L3 temperature
365	109	Read	X6 L3 temperature r	FLOAT	L3 temperature
366	110	Read	X7 L3 temperature r	FLOAT	L3 temperature
367	111	Read	X8 L3 temperature r	FLOAT	L3 temperature
368	112	Read	X1 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
369	113	Read	X2 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
370	114	Read	X3 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
371	115	Read	X4 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
372	116	Read	X5 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
373	117	Read	X6 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
374	118	Read	X7 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
375	119	Read	X8 L1 I_{rms} S1 r	FLOAT	L1 I_{rms} S1 VSC step 1
376	120	Read	X1 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
377	121	Read	X2 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
378	122	Read	X3 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
379	123	Read	X4 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
380	124	Read	X5 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
381	125	Read	X6 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
382	126	Read	X7 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
383	127	Read	X8 L1 I_{rms} S2 r	FLOAT	L1 I_{rms} S2 VSC step 2
392	136	Read	X1 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
393	137	Read	X2 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
394	138	Read	X3 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
395	139	Read	X4 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
396	140	Read	X5 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
397	141	Read	X6 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
398	142	Read	X7 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
399	143	Read	X8 L1 power S1 r	FLOAT	L1 power S1 VSC step 1
400	144	Read	X1 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
401	145	Read	X2 L1 power S2 r	FLOAT	L1 power S2 VSC step 2

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
402	146	Read	X3 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
403	147	Read	X4 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
404	148	Read	X5 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
405	149	Read	X6 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
406	150	Read	X7 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
407	151	Read	X8 L1 power S2 r	FLOAT	L1 power S2 VSC step 2
417	161	Read	X2 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
418	162	Read	X3 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
419	163	Read	X4 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
420	164	Read	X5 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
421	165	Read	X6 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
422	166	Read	X7 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
423	167	Read	X8 L1 temperature S1 r	FLOAT	L1 temperature S1 VSC step 1
424	168	Read	X1 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
425	169	Read	X2 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
426	170	Read	X3 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
427	171	Read	X4 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
428	172	Read	X5 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
429	173	Read	X6 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
430	174	Read	X7 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
431	175	Read	X8 L1 temperature S2 r	FLOAT	L1 temperature S2 VSC step 2
440	184	Read	Version day r	UINT8	Read version day of connected PCM at port
441	185	Read	Version month r	UINT8	Read version month of connected PCM at port
442	186	Read	Version year r	UINT16	Read version year of connected PCM at port
443	187	Read	Serial no r	UINT32	Define serial no of connected PCM at port
444	188	Write	HW configuration X1 w	UINT8	Write hardware configuration of connected PCM
445	189	Write	HW configuration X2 w	UINT8	Write hardware configuration of connected PCM
446	190	Write	HW configuration X3 w	UINT8	Write hardware configuration of connected PCM

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
447	191	Write	HW configuration X4 w	UINT8	Write hardware configuration of connected PCM
448	192	Write	HW configuration X5 w	UINT8	Write hardware configuration of connected PCM
449	193	Write	HW configuration X6 w	UINT8	Write hardware configuration of connected PCM
450	194	Write	HW configuration X7 w	UINT8	Write hardware configuration of connected PCM
451	195	Write	HW configuration X8 w	UINT8	Write hardware configuration of connected PCM
454	198	Write	HW configuration w	UINT32	Write hardware configuration of BasicBus Module
456	200	Write	dASM device count w	UINT32	Write connected dASM number
457	201	Write	dASM load max w	FLOAT	Write max load for dASM mode
459	203	Write	LED #1 rd mode w	UINT8	Define LED color for assigned setting of BasicBus Module
460	204	Write	LED #1 rd config w	UINT32	Define LED color for assigned setting of BasicBus Module
461	205	Write	LED #1 rd on delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
462	206	Write	LED #1 rd off delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
463	207	Write	LED #1 rd error w	UINT32	Define LED color for assigned setting of BasicBus Module
464	208	Write	LED #1 rd exts error w	UINT32	Define LED color for assigned setting of BasicBus Module
465	209	Write	LED #1 rd unit w	UINT8	Define LED color for assigned setting of BasicBus Module
466	210	Write	LED #1 rd unit error w	UINT32	Define LED color for assigned setting of BasicBus Module
467	211	Write	LED #1 rd unit status w	UINT32	Define LED color for assigned setting of BasicBus Module
468	212	Write	LED #1 rd unit monitor w	UINT32	Define LED color for assigned setting of BasicBus Module
469	213	Write	LED #1 rd link pull w	UINT32	Define LED color for assigned setting of BasicBus Module

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
470	214	Write	LED #1 rd value 0 w	FLOAT	Define LED color for assigned setting of BasicBus Module
471	215	Write	LED #1 rd value 1 w	FLOAT	Define LED color for assigned setting of BasicBus Module
473	217	Write	LED #1 gr mode w	UINT8	Define LED color for assigned setting of BasicBus Module
474	218	Write	LED #1 gr config w	UINT32	Define LED color for assigned setting of BasicBus Module
475	219	Write	LED #1 gr on delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
476	220	Write	LED #1 gr off delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
477	221	Write	LED #1 gr error w	UINT32	Define LED color for assigned setting of BasicBus Module
478	222	Write	LED #1 gr exts error w	UINT32	Define LED color for assigned setting of BasicBus Module
479	223	Write	LED #1 gr unit w	UINT8	Define LED color for assigned setting of BasicBus Module
480	224	Write	LED #1 gr unit error w	UINT32	Define LED color for assigned setting of BasicBus Module
481	225	Write	LED #1 gr unit status w	UINT32	Define LED color for assigned setting of BasicBus Module
482	226	Write	LED #1 gr unit monitor w	UINT32	Define LED color for assigned setting of BasicBus Module
483	227	Write	LED #1 gr link pull w	UINT32	Define LED color for assigned setting of BasicBus Module
484	228	Write	LED #1 gr value 0 w	FLOAT	Define LED color for assigned setting of BasicBus Module
485	229	Write	LED #1 gr value 1 w	FLOAT	Define LED color for assigned setting of BasicBus Module
487	231	Write	LED #2 rd mode w	UINT8	Define LED color for assigned setting of BasicBus Module
488	232	Write	LED #2 rd config w	UINT32	Define LED color for assigned setting of BasicBus Module
489	233	Write	LED #2 rd on delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
490	234	Write	LED #2 rd off delay w	FLOAT	Define LED color for assigned setting of BasicBus Module

Table 10. Parameter list slot 1 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
491	235	Write	LED #2 rd error w	UINT32	Define LED color for assigned setting of BasicBus Module
492	236	Write	LED #2 rd exts error w	UINT32	Define LED color for assigned setting of BasicBus Module
493	237	Write	LED #2 rd unit w	UINT8	Define LED color for assigned setting of BasicBus Module
494	238	Write	LED #2 rd unit error w	UINT32	Define LED color for assigned setting of BasicBus Module
495	239	Write	LED #2 rd unit status w	UINT32	Define LED color for assigned setting of BasicBus Module
496	240	Write	LED #2 rd unit monitor w	UINT32	Define LED color for assigned setting of BasicBus Module
497	241	Write	LED #2 rd link pull w	UINT32	Define LED color for assigned setting of BasicBus Module
498	242	Write	LED #2 rd value 0 w	FLOAT	Define LED color for assigned setting of BasicBus Module
499	243	Write	LED #2 rd value 1 w	FLOAT	Define LED color for assigned setting of BasicBus Module
501	245	Write	LED #2 gr mode w	UINT8	Define LED color for assigned setting of BasicBus Module
502	246	Write	LED #2 gr config w	UINT32	Define LED color for assigned setting of BasicBus Module
503	247	Write	LED #2 gr on delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
504	248	Write	LED #2 gr off delay w	FLOAT	Define LED color for assigned setting of BasicBus Module
505	249	Write	LED #2 gr error w	UINT32	Define LED color for assigned setting of BasicBus Module
506	250	Write	LED #2 gr exts error w	UINT32	Define LED color for assigned setting of BasicBus Module
507	251	Write	LED #2 gr unit w	UINT8	Define LED color for assigned setting of BasicBus Module
508	252	Write	LED #2 gr unit error w	UINT32	Define LED color for assigned setting of BasicBus Module
509	253	Write	LED #2 gr unit status w	UINT32	Define LED color for assigned setting of BasicBus Module
510	254	Write	LED #2 gr unit monitor w	UINT32	Define LED color for assigned setting of BasicBus Module

Table 11. Parameter list slot 2

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
511	0	Write	LED #2 gr link pull w	UINT32	Define LED color for assigned setting of BasicBus Module
512	1	Write	LED #2 gr value 0 w	FLOAT	Define LED color for assigned setting of BasicBus Module
513	2	Write	LED #2 gr value 1 w	FLOAT	Define LED color for assigned setting of BasicBus Module
516	5	Write	Relay #1 config w	UINT8	Define internal relay #1 config
517	6	Write	Relay #1 on delay w	FLOAT	Define internal relay #1 on delay
518	7	Write	Relay #1 off delay w	FLOAT	Define internal relay #1 off delay
519	8	Write	Relay #1 error w	UINT32	Define internal relay #1 error
520	9	Write	Relay #1 exts error w	UINT32	Define internal relay #1 exts error
521	10	Write	Relay #1 unit w	UINT8	Define internal relay #1 unit
522	11	Write	Relay #1 unit error w	UINT32	Define internal relay #1 unit error
523	12	Write	Relay #1 unit status w	UINT32	Define internal relay #1 unit status
524	13	Write	Relay #1 unit monitor w	UINT32	Define internal relay #1 unit monitor
525	14	Write	Relay #1 link pull w	UINT32	Define internal relay #1 link pull
526	15	Write	Relay #1 value 0 w	FLOAT	Define internal relay #1 value 0
527	16	Write	Relay #1 value 1 w	FLOAT	Define internal relay #1 value 1
529	18	Write	LED X1 mode w	UINT8	Define LED X1 mode
530	19	Write	LED X1 config w	UINT32	Define LED X1 config
531	20	Write	LED X1 on delay w	FLOAT	Define LED X1 on delay
532	21	Write	LED X1 off delay w	FLOAT	Define LED X1 off delay
533	22	Write	LED X1 error w	UINT32	Define LED X1 error
534	23	Write	LED X1 exts error w	UINT32	Define LED X1 exts error
535	24	Write	LED X1 unit w	UINT8	Define LED X1 unit
536	25	Write	LED X1 unit error w	UINT32	Define LED X1 unit error
537	26	Write	LED X1 unit status w	UINT32	Define LED X1 unit status
538	27	Write	LED X1 unit monitor w	UINT32	Define LED X1 unit monitor
539	28	Write	LED X1 link pull w	UINT32	Define LED X1 link pull
540	29	Write	LED X1 value 0 w	FLOAT	Define LED X1 value 0

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
541	30	Write	LED X1 value 1 w	FLOAT	Define LED X1 value 1
543	32	Write	LED X2 mode w	UINT8	Define LED X2 mode
544	33	Write	LED X2 config w	UINT32	Define LED X2 config
545	34	Write	LED X2 on delay w	FLOAT	Define LED X2 on delay
546	35	Write	LED X2 off delay w	FLOAT	Define LED X2 off delay
547	36	Write	LED X2 error w	UINT32	Define LED X2 error
548	37	Write	LED X2 exts error w	UINT32	Define LED X2 exts error
549	38	Write	LED X2 unit w	UINT8	Define LED X2 unit
550	39	Write	LED X2 unit error w	UINT32	Define LED X2 unit error
551	40	Write	LED X2 unit status w	UINT32	Define LED X2 unit status
552	41	Write	LED X2 unit monitor w	UINT32	Define LED X2 unit monitor
553	42	Write	LED X2 link pull w	UINT32	Define LED X2 link pull
554	43	Write	LED X2 value 0 w	FLOAT	Define LED X2 value 0
555	44	Write	LED X2 value 1 w	FLOAT	Define LED X2 value 1
557	46	Write	LED X3 mode w	UINT8	Define LED X3 mode
558	47	Write	LED X3 config w	UINT32	Define LED X3 config
559	48	Write	LED X3 on delay w	FLOAT	Define LED X3 on delay
560	49	Write	LED X3 off delay w	FLOAT	Define LED X3 off delay
561	50	Write	LED X3 error w	UINT32	Define LED X3 error
562	51	Write	LED X3 exts error w	UINT32	Define LED X3 exts error
563	52	Write	LED X3 unit w	UINT8	Define LED X3 unit
564	53	Write	LED X3 unit error w	UINT32	Define LED X3 unit error
565	54	Write	LED X3 unit status w	UINT32	Define LED X3 unit status
566	55	Write	LED X3 unit monitor w	UINT32	Define LED X3 unit monitor
567	56	Write	LED X3 link pull w	UINT32	Define LED X3 link pull
568	57	Write	LED X3 value 0 w	FLOAT	Define LED X3 value 0
569	58	Write	LED X3 value 1 w	FLOAT	Define LED X3 value 1
571	60	Write	LED X4 mode w	UINT8	Define LED X4 mode
572	61	Write	LED X4 config w	UINT32	Define LED X4 config
573	62	Write	LED X4 on delay w	FLOAT	Define LED X4 on delay
574	63	Write	LED X4 off delay w	FLOAT	Define LED X4 off delay
575	64	Write	LED X4 error w	UINT32	Define LED X4 error
576	65	Write	LED X4 exts error w	UINT32	Define LED X4 exts error
577	66	Write	LED X4 unit w	UINT8	Define LED X4 unit

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
578	67	Write	LED X4 unit error w	UINT32	Define LED X4 unit error
579	68	Write	LED X4 unit status w	UINT32	Define LED X4 unit status
580	69	Write	LED X4 unit monitor w	UINT32	Define LED X4 unit monitor
581	70	Write	LED X4 link pull w	UINT32	Define LED X4 link pull
582	71	Write	LED X4 value 0 w	FLOAT	Define LED X4 value 0
583	72	Write	LED X4 value 1 w	FLOAT	Define LED X4 value 1
585	74	Write	LED X5 mode w	UINT8	Define LED X5 mode
586	75	Write	LED X5 config w	UINT32	Define LED X5 config
587	76	Write	LED X5 on delay w	FLOAT	Define LED X5 on delay
588	77	Write	LED X5 off delay w	FLOAT	Define LED X5 off delay
589	78	Write	LED X5 error w	UINT32	Define LED X5 error
590	79	Write	LED X5 exts error w	UINT32	Define LED X5 exts error
591	80	Write	LED X5 unit w	UINT8	Define LED X5 unit
592	81	Write	LED X5 unit error w	UINT32	Define LED X5 unit error
593	82	Write	LED X5 unit status w	UINT32	Define LED X5 unit status
594	83	Write	LED X5 unit monitor w	UINT32	Define LED X5 unit monitor
595	84	Write	LED X5 link pull w	UINT32	Define LED X5 link pull
596	85	Write	LED X5 value 0 w	FLOAT	Define LED X5 value 0
597	86	Write	LED X5 value 1 w	FLOAT	Define LED X5 value 1
599	88	Write	LED X6 mode w	UINT8	Define LED X6 mode
600	89	Write	LED X6 config w	UINT32	Define LED X6 config
601	90	Write	LED X6 on delay w	FLOAT	Define LED X6 on delay
602	91	Write	LED X6 off delay w	FLOAT	Define LED X6 off delay
603	92	Write	LED X6 error w	UINT32	Define LED X6 error
604	93	Write	LED X6 exts error w	UINT32	Define LED X6 exts error
605	94	Write	LED X6 unit w	UINT8	Define LED X6 unit
606	95	Write	LED X6 unit error w	UINT32	Define LED X6 unit error
607	96	Write	LED X6 unit status w	UINT32	Define LED X6 unit status
608	97	Write	LED X6 unit monitor w	UINT32	Define LED X6 unit monitor
609	98	Write	LED X6 link pull w	UINT32	Define LED X6 link pull
610	99	Write	LED X6 value 0 w	FLOAT	Define LED X6 value 0
611	100	Write	LED X6 value 1 w	FLOAT	Define LED X6 value 1
613	102	Write	LED X7 mode w	UINT8	Define LED X7 mode
614	103	Write	LED X7 config w	UINT32	Define LED X7 config

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
615	104	Write	LED X7 on delay w	FLOAT	Define LED X7 on delay
616	105	Write	LED X7 off delay w	FLOAT	Define LED X7 off delay
617	106	Write	LED X7 error w	UINT32	Define LED X7 error
618	107	Write	LED X7 exts error w	UINT32	Define LED X7 exts error
619	108	Write	LED X7 unit w	UINT8	Define LED X7 unit
620	109	Write	LED X7 unit error w	UINT32	Define LED X7 unit error
621	110	Write	LED X7 unit status w	UINT32	Define LED X7 unit status
622	111	Write	LED X7 unit monitor w	UINT32	Define LED X7 unit monitor
623	112	Write	LED X7 link pull w	UINT32	Define LED X7 link pull
624	113	Write	LED X7 value 0 w	FLOAT	Define LED X7 value 0
625	114	Write	LED X7 value 1 w	FLOAT	Define LED X7 value 1
627	116	Write	LED X8 mode w	UINT8	Define LED X8 mode
628	117	Write	LED X8 config w	UINT32	Define LED X8 config
629	118	Write	LED X8 on delay w	FLOAT	Define LED X8 on delay
630	119	Write	LED X8 off delay w	FLOAT	Define LED X8 off delay
631	120	Write	LED X8 error w	UINT32	Define LED X8 error
632	121	Write	LED X8 exts error w	UINT32	Define LED X8 exts error
633	122	Write	LED X8 unit w	UINT8	Define LED X8 unit
634	123	Write	LED X8 unit error w	UINT32	Define LED X8 unit error
635	124	Write	LED X8 unit status w	UINT32	Define LED X8 unit status
636	125	Write	LED X8 unit monitor w	UINT32	Define LED X8 unit monitor
637	126	Write	LED X8 link pull w	UINT32	Define LED X8 link pull
638	127	Write	LED X8 value 0 w	FLOAT	Define LED X8 value 0
639	128	Write	LED X8 value 1 w	FLOAT	Define LED X8 value 1
641	130	Write	Digital out 1 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
642	131	Write	Digital out 1 config w	UINT32	Set if inverted signal is needed
643	132	Write	Digital out 1 on delay w	FLOAT	Define on delay time up to 3600 sec
644	133	Write	Digital out 1 off delay w	FLOAT	Define off delay time up to 3600 sec
645	134	Write	Digital out 1 error w	UINT32	Define error configuration
646	135	Write	Digital out 1 exts error w	UINT32	Define extended error messages

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
647	136	Write	Digital out 1 unit w	UINT8	Define power controller unit
648	137	Write	Digital out 1 unit error w	UINT32	Define power controller unit error
649	138	Write	Digital out 1 unit status w	UINT32	Define power controller unit status
650	139	Write	Digital out 1 unit monitor w	UINT32	Define power controller unit monitor
651	140	Write	Digital out 1 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
652	141	Write	Digital out 1 value 0 w	FLOAT	Deactivation threshold
653	142	Write	Digital out 1 value 1 w	FLOAT	Activation threshold
655	144	Write	Digital out 2 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
656	145	Write	Digital out 2 config w	UINT32	Set if inverted signal is needed
657	146	Write	Digital out 2 on delay w	FLOAT	Define on delay time up to 3600 sec
658	147	Write	Digital out 2 off delay w	FLOAT	Define off delay time up to 3600 sec
659	148	Write	Digital out 2 error w	UINT32	Define error configuration
660	149	Write	Digital out 2 exts error w	UINT32	Define extended error messages
661	150	Write	Digital out 2 unit w	UINT8	Define power controller unit
662	151	Write	Digital out 2 unit error w	UINT32	Define power controller unit error
663	152	Write	Digital out 2 unit status w	UINT32	Define power controller unit status
664	153	Write	Digital out 2 unit monitor w	UINT32	Define power controller unit monitor
665	154	Write	Digital out 2 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
666	155	Write	Digital out 2 value 0 w	FLOAT	Deactivation threshold
667	156	Write	Digital out 2 value 1 w	FLOAT	Activation threshold
669	158	Write	Digital out 3 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
670	159	Write	Digital out 3 config w	UINT32	Set if inverted signal is needed

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
671	160	Write	Digital out 3 on delay w	FLOAT	Define on delay time up to 3600 sec
672	161	Write	Digital out 3 off delay w	FLOAT	Define off delay time up to 3600 sec
673	162	Write	Digital out 3 error w	UINT32	Define error configuration
674	163	Write	Digital out 3 exts error w	UINT32	Define extended error messages
675	164	Write	Digital out 3 unit w	UINT8	Define power controller unit
676	165	Write	Digital out 3 unit error w	UINT32	Define power controller unit error
677	166	Write	Digital out 3 unit status w	UINT32	Define power controller unit status
678	167	Write	Digital out 3 unit monitor w	UINT32	Define power controller unit monitor
679	168	Write	Digital out 3 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
680	169	Write	Digital out 3 value 0 w	FLOAT	Deactivation threshold
681	170	Write	Digital out 3 value 1 w	FLOAT	Activation threshold
683	172	Write	Digital out 4 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
684	173	Write	Digital out 4 config w	UINT32	Set if inverted signal is needed
685	174	Write	Digital out 4 on delay w	FLOAT	Define on delay time up to 3600 sec
686	175	Write	Digital out 4 off delay w	FLOAT	Define off delay time up to 3600 sec
687	176	Write	Digital out 4 error w	UINT32	Define error configuration
688	177	Write	Digital out 4 exts error w	UINT32	Define extended error messages
689	178	Write	Digital out 4 unit w	UINT8	Define power controller unit
690	179	Write	Digital out 4 unit error w	UINT32	Define power controller unit error
691	180	Write	Digital out 4 unit status w	UINT32	Define power controller unit status
692	181	Write	Digital out 4 unit monitor w	UINT32	Define power controller unit monitor
693	182	Write	Digital out 4 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
694	183	Write	Digital out 4 value 0 w	FLOAT	Deactivation threshold
695	184	Write	Digital out 4 value 1 w	FLOAT	Activation threshold
697	186	Write	Digital out 5 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
698	187	Write	Digital out 5 config w	UINT32	Set if inverted signal is needed
699	188	Write	Digital out 5 on delay w	FLOAT	Define on delay time up to 3600 sec
700	189	Write	Digital out 5 off delay w	FLOAT	Define off delay time up to 3600 sec
701	190	Write	Digital out 5 error w	UINT32	Define error configuration
702	191	Write	Digital out 5 exts error w	UINT32	Define extended error messages
703	192	Write	Digital out 5 unit w	UINT8	Define power controller unit
704	193	Write	Digital out 5 unit error w	UINT32	Define power controller unit error
705	194	Write	Digital out 5 unit status w	UINT32	Define power controller unit status
706	195	Write	Digital out 5 unit monitor w	UINT32	Define power controller unit monitor
707	196	Write	Digital out 5 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
708	197	Write	Digital out 5 value 0 w	FLOAT	Deactivation threshold
709	198	Write	Digital out 5 value 1 w	FLOAT	Activation threshold
711	200	Write	Digital out 6 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
712	201	Write	Digital out 6 config w	UINT32	Set if inverted signal is needed
713	202	Write	Digital out 6 on delay w	FLOAT	Define on delay time up to 3600 sec
714	203	Write	Digital out 6 off delay w	FLOAT	Define off delay time up to 3600 sec
715	204	Write	Digital out 6 error w	UINT32	Define error configuration
716	205	Write	Digital out 6 exts error w	UINT32	Define extended error messages
717	206	Write	Digital out 6 unit w	UINT8	Define power controller unit
718	207	Write	Digital out 6 unit error w	UINT32	Define power controller unit error

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
719	208	Write	Digital out 6 unit status w	UINT32	Define power controller unit status
720	209	Write	Digital out 6 unit monitor w	UINT32	Define power controller unit monitor
721	210	Write	Digital out 6 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
722	211	Write	Digital out 6 value 0 w	FLOAT	Deactivation threshold
723	212	Write	Digital out 6 value 1 w	FLOAT	Activation threshold
725	214	Write	Digital out 7 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
726	215	Write	Digital out 7 config w	UINT32	Set if inverted signal is needed
727	216	Write	Digital out 7 on delay w	FLOAT	Define on delay time up to 3600 sec
728	217	Write	Digital out 7 off delay w	FLOAT	Define off delay time up to 3600 sec
729	218	Write	Digital out 7 error w	UINT32	Define error configuration
730	219	Write	Digital out 7 exts error w	UINT32	Define extended error messages
731	220	Write	Digital out 7 unit w	UINT8	Define power controller unit
732	221	Write	Digital out 7 unit error w	UINT32	Define power controller unit error
733	222	Write	Digital out 7 unit status w	UINT32	Define power controller unit status
734	223	Write	Digital out 7 unit monitor w	UINT32	Define power controller unit monitor
735	224	Write	Digital out 7 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
736	225	Write	Digital out 7 value 0 w	FLOAT	Deactivation threshold
737	226	Write	Digital out 7 value 1 w	FLOAT	Activation threshold
739	228	Write	Digital out 8 mode w	UINT8	Define digital output behavior like blinking or pulse width modulated
740	229	Write	Digital out 8 config w	UINT32	Set if inverted signal is needed
741	230	Write	Digital out 8 on delay w	FLOAT	Define on delay time up to 3600 sec
742	231	Write	Digital out 8 off delay w	FLOAT	Define off delay time up to 3600 sec

Table 11. Parameter list slot 2 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
743	232	Write	Digital out 8 error w	UINT32	Define error configuration
744	233	Write	Digital out 8 exts error w	UINT32	Define extended error messages
745	234	Write	Digital out 8 unit w	UINT8	Define power controller unit
746	235	Write	Digital out 8 unit error w	UINT32	Define power controller unit error
747	236	Write	Digital out 8 unit status w	UINT32	Define power controller unit status
748	237	Write	Digital out 8 unit monitor w	UINT32	Define power controller unit monitor
749	238	Write	Digital out 8 link pull w	UINT32	Define analogue value section for BasicBus Module or PCM
750	239	Write	Digital out 8 value 0 w	FLOAT	Deactivation threshold
751	240	Write	Digital out 8 value 1 w	FLOAT	Activation threshold
753	242	Write	DL control error w	UINT32	Define DL control error of assigned PCM
754	243	Write	DL control exts error w	UINT32	Define DL control exts error of assigned PCM
760	249	Read	X1 device r	UINT8	Reading participated PCM
761	250	Read	X2 device r	UINT8	Reading participated PCM
762	251	Read	X3 device r	UINT8	Reading participated PCM
763	252	Read	X4 device r	UINT8	Reading participated PCM
764	253	Read	X5 device r	UINT8	Reading participated PCM
765	254	Read	X6 device r	UINT8	Reading participated PCM

Table 12. Parameter list slot 3

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
766	0	Read	X7 device r	UINT8	Reading participated PCM
767	1	Read	X8 device r	UINT8	Reading participated PCM
768	2	Read	X1 version day r	UINT8	Read version day of connected PCM at port
769	3	Read	X2 version day r	UINT8	Read version day of connected PCM at port
770	4	Read	X3 version day r	UINT8	Read version day of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
771	5	Read	X4 version day r	UINT8	Read version day of connected PCM at port
772	6	Read	X5 version day r	UINT8	Read version day of connected PCM at port
773	7	Read	X6 version day r	UINT8	Read version day of connected PCM at port
774	8	Read	X7 version day r	UINT8	Read version day of connected PCM at port
775	9	Read	X8 version day r	UINT8	Read version day of connected PCM at port
776	10	Read	X1 version month r	UINT8	Read version month of connected PCM at port
777	11	Read	X2 version month r	UINT8	Read version month of connected PCM at port
778	12	Read	X3 version month r	UINT8	Read version month of connected PCM at port
779	13	Read	X4 version month r	UINT8	Read version month of connected PCM at port
780	14	Read	X5 version month r	UINT8	Read version month of connected PCM at port
781	15	Read	X6 version month r	UINT8	Read version month of connected PCM at port
782	16	Read	X7 version month r	UINT8	Read version month of connected PCM at port
783	17	Read	X8 version month r	UINT8	Read version month of connected PCM at port
784	18	Read	X1 version year r	UINT16	Read version year of connected PCM at port
785	19	Read	X2 version year r	UINT16	Read version year of connected PCM at port
786	20	Read	X3 version year r	UINT16	Read version year of connected PCM at port
787	21	Read	X4 version year r	UINT16	Read version year of connected PCM at port
788	22	Read	X5 version year r	UINT16	Read version year of connected PCM at port
789	23	Read	X6 version year r	UINT16	Read version year of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
790	24	Read	X7 version year r	UINT16	Read version year of connected PCM at port
791	25	Read	X8 version year r	UINT16	Read version year of connected PCM at port
792	26	Read	X1 serial no r	UINT32	Read serial number of connected PCM at port
793	27	Read	X2 serial no r	UINT32	Read serial number of connected PCM at port
794	28	Read	X3 serial no r	UINT32	Read serial number of connected PCM at port
795	29	Read	X4 serial no r	UINT32	Read serial number of connected PCM at port
796	30	Read	X5 serial no r	UINT32	Read serial number of connected PCM at port
797	31	Read	X6 serial no r	UINT32	Read serial number of connected PCM at port
798	32	Read	X7 serial no r	UINT32	Read serial number of connected PCM at port
799	33	Read	X8 serial no r	UINT32	Read serial number of connected PCM at port
800	34	Read	X1 cons no r	UINT16	Read serial number of connected PCM
801	35	Read	X2 cons no r	UINT16	Read serial number of connected PCM
802	36	Read	X3 cons no r	UINT16	Read serial number of connected PCM
803	37	Read	X4 cons no r	UINT16	Read serial number of connected PCM
804	38	Read	X5 cons no r	UINT16	Read serial number of connected PCM
805	39	Read	X6 cons no r	UINT16	Read serial number of connected PCM
806	40	Read	X7 cons no r	UINT16	Read serial number of connected PCM
807	41	Read	X8 cons no r	UINT16	Read serial number of connected PCM
808	42	Read	X1 PCB no r	UINT32	Read PCB number at connected port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
809	43	Read	X2 PCB no r	UINT32	Read PCB number at connected port
810	44	Read	X3 PCB no r	UINT32	Read PCB number at connected port
811	45	Read	X4 PCB no r	UINT32	Read PCB number at connected port
812	46	Read	X5 PCB no r	UINT32	Read PCB number at connected port
813	47	Read	X6 PCB no r	UINT32	Read PCB number at connected port
814	48	Read	X7 PCB no r	UINT32	Read PCB number at connected port
815	49	Read	X8 PCB no r	UINT32	Read PCB number at connected port
824	58	Read	X1 phase count r	UINT8	Read phase count at connected port
825	59	Read	X2 phase count r	UINT8	Read phase count at connected port
826	60	Read	X3 phase count r	UINT8	Read phase count at connected port
827	61	Read	X4 phase count r	UINT8	Read phase count at connected port
828	62	Read	X5 phase count r	UINT8	Read phase count at connected port
829	63	Read	X6 phase count r	UINT8	Read phase count at connected port
830	64	Read	X7 phase count r	UINT8	Read phase count at connected port
831	65	Read	X8 phase count r	UINT8	Read phase count at connected port
832	66	Read	X1 type voltage r	UINT16	Read type voltage of connected PCM at port
833	67	Read	X2 type voltage r	UINT16	Read type voltage of connected PCM at port
834	68	Read	X3 type voltage r	UINT16	Read type voltage of connected PCM at port
835	69	Read	X4 type voltage r	UINT16	Read type voltage of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
836	70	Read	X5 type voltage r	UINT16	Read type voltage of connected PCM at port
837	71	Read	X6 type voltage r	UINT16	Read type voltage of connected PCM at port
838	72	Read	X7 type voltage r	UINT16	Read type voltage of connected PCM at port
839	73	Read	X8 type voltage r	UINT16	Read type voltage of connected PCM at port
840	74	Read	X1 type current r	UINT16	Read type current of connected PCM at port
841	75	Read	X2 type current r	UINT16	Read type current of connected PCM at port
842	76	Read	X3 type current r	UINT16	Read type current of connected PCM at port
843	77	Read	X4 type current r	UINT16	Read type current of connected PCM at port
844	78	Read	X5 type current r	UINT16	Read type current of connected PCM at port
845	79	Read	X6 type current r	UINT16	Read type current of connected PCM at port
846	80	Read	X7 type current r	UINT16	Read type current of connected PCM at port
847	81	Read	X8 type current r	UINT16	Read type current of connected PCM at port
848	82	Read	X1 type power r	UINT32	Read type power of connected PCM at port
849	83	Read	X2 type power r	UINT32	Read type power of connected PCM at port
850	84	Read	X3 type power r	UINT32	Read type power of connected PCM at port
851	85	Read	X4 type power r	UINT32	Read type power of connected PCM at port
852	86	Read	X5 type power r	UINT32	Read type power of connected PCM at port
853	87	Read	X6 type power r	UINT32	Read type power of connected PCM at port
854	88	Read	X7 type power r	UINT32	Read type power of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
855	89	Read	X8 type power r	UINT32	Read type power of connected PCM at port
856	90	Read	X1 current transformer r	UINT8	Read current transformer value of connected PCM port
857	91	Read	X2 current transformer r	UINT8	Read current transformer value of connected PCM port
858	92	Read	X3 current transformer r	UINT8	Read current transformer value of connected PCM port
859	93	Read	X4 current transformer r	UINT8	Read current transformer value of connected PCM port
860	94	Read	X5 current transformer r	UINT8	Read current transformer value of connected PCM port
861	95	Read	X6 current transformer r	UINT8	Read current transformer value of connected PCM port
862	96	Read	X7 current transformer r	UINT8	Read current transformer value of connected PCM port
863	97	Read	X8 current transformer r	UINT8	Read current transformer value of connected PCM port
864	98	Read	X1 power control r	UINT8	Read power control at connected port
865	99	Read	X2 power control r	UINT8	Read power control at connected port
866	100	Read	X3 power control r	UINT8	Read power control at connected port
867	101	Read	X4 power control r	UINT8	Read power control at connected port
868	102	Read	X5 power control r	UINT8	Read power control at connected port
869	103	Read	X6 power control r	UINT8	Read power control at connected port
870	104	Read	X7 power control r	UINT8	Read power control at connected port
871	105	Read	X8 power control r	UINT8	Read power control at connected port
872	106	Read	X1 custom r	UINT8	Thyro-A specific
873	107	Read	X2 custom r	UINT8	Thyro-A specific
874	108	Read	X3 custom r	UINT8	Thyro-A specific
875	109	Read	X4 custom r	UINT8	Thyro-A specific
876	110	Read	X5 custom r	UINT8	Thyro-A specific

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
877	111	Read	X6 custom r	UINT8	Thyro-A specific
878	112	Read	X7 custom r	UINT8	Thyro-A specific
879	113	Read	X8 custom r	UINT8	Thyro-A specific
880	114	Read	X1 relay count r	UINT8	Define relay count of connected PCM at port
881	115	Read	X2 relay count r	UINT8	Define relay count of connected PCM at port
882	116	Read	X3 relay count r	UINT8	Define relay count of connected PCM at port
883	117	Read	X4 relay count r	UINT8	Define relay count of connected PCM at port
884	118	Read	X5 relay count r	UINT8	Define relay count of connected PCM at port
885	119	Read	X6 relay count r	UINT8	Define relay count of connected PCM at port
886	120	Read	X7 relay count r	UINT8	Define relay count of connected PCM at port
887	121	Read	X8 relay count r	UINT8	Define relay count of connected PCM at port
888	122	Read	X1 analog input count r	UINT8	Read analog input count
889	123	Read	X2 analog input count r	UINT8	Read analog input count
890	124	Read	X3 analog input count r	UINT8	Read analog input count
891	125	Read	X4 analog input count r	UINT8	Read analog input count
892	126	Read	X5 analog input count r	UINT8	Read analog input count
893	127	Read	X6 analog input count r	UINT8	Read analog input count
894	128	Read	X7 analog input count r	UINT8	Read analog input count
895	129	Read	X8 analog input count r	UINT8	Read analog input count
896	130	Read	X1 analog output count r	UINT8	Read analog output count
897	131	Read	X2 analog output count r	UINT8	Read analog output count
898	132	Read	X3 analog output count r	UINT8	Read analog output count
899	133	Read	X4 analog output count r	UINT8	Read analog output count
900	134	Read	X5 analog output count r	UINT8	Read analog output count
901	135	Read	X6 analog output count r	UINT8	Read analog output count
902	136	Read	X7 analog output count r	UINT8	Read analog output count
903	137	Read	X8 analog output count r	UINT8	Read analog output count

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
904	138	Read	X1 fan r	UINT8	Query of hardware setting for PCM with fan
905	139	Read	X2 fan r	UINT8	Query of hardware setting for PCM with fan
906	140	Read	X3 fan r	UINT8	Query of hardware setting for PCM with fan
907	141	Read	X4 fan r	UINT8	Query of hardware setting for PCM with fan
908	142	Read	X5 fan r	UINT8	Query of hardware setting for PCM with fan
909	143	Read	X6 fan r	UINT8	Query of hardware setting for PCM with fan
910	144	Read	X7 fan r	UINT8	Query of hardware setting for PCM with fan
911	145	Read	X8 fan r	UINT8	Query of hardware setting for PCM with fan
912	146	Read	X1 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
913	147	Read	X2 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
914	148	Read	X3 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
915	149	Read	X4 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
916	150	Read	X5 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
917	151	Read	X6 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
918	152	Read	X7 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM
919	153	Read	X8 fuse r	UINT8	Query for hardware configuration with fuse of connected PCM

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
928	162	Write	X1 OM mode w	UINT8	Define OM mode at connected port
929	163	Write	X2 OM mode w	UINT8	Define OM mode at connected port
930	164	Write	X3 OM mode w	UINT8	Define OM mode at connected port
931	165	Write	X4 OM mode w	UINT8	Define OM mode at connected port
932	166	Write	X5 OM mode w	UINT8	Define OM mode at connected port
933	167	Write	X6 OM mode w	UINT8	Define OM mode at connected port
934	168	Write	X7 OM mode w	UINT8	Define OM mode at connected port
935	169	Write	X8 OM mode w	UINT8	Define OM mode at connected port
936	170	Write	X1 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
937	171	Write	X2 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
938	172	Write	X3 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
939	173	Write	X4 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
940	174	Write	X5 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
941	175	Write	X6 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
942	176	Write	X7 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
943	177	Write	X8 TAKT alpha 1st w	UINT16	Define TAKT alpha 1st of connected PCM at port
944	178	Write	X1 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
945	179	Write	X2 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
946	180	Write	X3 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
947	181	Write	X4 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
948	182	Write	X5 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
949	183	Write	X6 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
950	184	Write	X7 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
951	185	Write	X8 TAKT min off time w	UINT16	Define TAKT min off time of connected PCM at port
952	186	Write	X1 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
953	187	Write	X2 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
954	188	Write	X3 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
955	189	Write	X4 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
956	190	Write	X5 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
957	191	Write	X6 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
958	192	Write	X7 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
959	193	Write	X8 TAKT soft start time w	UINT16	Define TAKT soft start time of connected PCM at port
960	194	Write	X1 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
961	195	Write	X2 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
962	196	Write	X3 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
963	197	Write	X4 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
964	198	Write	X5 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
965	199	Write	X6 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
966	200	Write	X7 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
967	201	Write	X8 TAKT soft down time w	UINT16	Define TAKT soft down time of connected PCM at port
968	202	Write	X1 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
969	203	Write	X2 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
970	204	Write	X3 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
971	205	Write	X4 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
972	206	Write	X5 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
973	207	Write	X6 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
974	208	Write	X7 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
975	209	Write	X8 TAKT cycle time w	UINT16	Define TAKT cycle time of connected PCM at port
976	210	Write	X1 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
977	211	Write	X2 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
978	212	Write	X3 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
979	213	Write	X4 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
980	214	Write	X5 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
981	215	Write	X6 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
982	216	Write	X7 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
983	217	Write	X8 TAKT min on time w	UINT16	Define TAKT min on time of connected PCM at port
984	218	Write	X1 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
985	219	Write	X2 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
986	220	Write	X3 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
987	221	Write	X4 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
988	222	Write	X5 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
989	223	Write	X6 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
990	224	Write	X7 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
991	225	Write	X8 TAKT max on time w	UINT16	Define TAKT max on time of connected PCM at port
992	226	Write	X1 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
993	227	Write	X2 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
994	228	Write	X3 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
995	229	Write	X4 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
996	230	Write	X5 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
997	231	Write	X6 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
998	232	Write	X7 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
999	233	Write	X8 TAKT sync offset time w	UINT16	Define TAKT sync offset time of connected PCM at port
1000	234	Write	X1 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1001	235	Write	X2 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1002	236	Write	X3 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1003	237	Write	X4 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port

Table 12. Parameter list slot 3 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1004	238	Write	X5 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1005	239	Write	X6 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1006	240	Write	X7 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1007	241	Write	X8 VAR soft start time w	UINT16	Read VAR soft start time of connected PCM at port
1008	242	Write	X1 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1009	243	Write	X2 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1010	244	Write	X3 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1011	245	Write	X4 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1012	246	Write	X5 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1013	247	Write	X6 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1014	248	Write	X7 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1015	249	Write	X8 VAR soft down time w	UINT16	Read VAR soft down time of connected PCM at port
1016	250	Write	X1 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1017	251	Write	X2 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1018	252	Write	X3 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1019	253	Write	X4 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1020	254	Write	X5 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port

Table 13. Parameter list slot 4

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1021	0	Write	X6 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1022	1	Write	X7 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1023	2	Write	X8 VAR alpha minimum w	UINT16	Read VAR alpha minimum of connected PCM at port
1024	3	Write	X1 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1025	4	Write	X2 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1026	5	Write	X3 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1027	6	Write	X4 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1028	7	Write	X5 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1029	8	Write	X6 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1030	9	Write	X7 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1031	10	Write	X8 VAR alpha maximum w	UINT16	Read VAR alpha maximum of connected PCM at port
1032	11	Write	X1 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1033	12	Write	X2 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1034	13	Write	X3 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1035	14	Write	X4 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1036	15	Write	X5 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1037	16	Write	X6 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1038	17	Write	X7 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port
1039	18	Write	X8 VAR alpha minimum s2 w	UINT16	Read VAR alpha minimum s2 of connected PCM at port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1040	19	Write	X1 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1041	20	Write	X2 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1042	21	Write	X3 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1043	22	Write	X4 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1044	23	Write	X5 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1045	24	Write	X6 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1046	25	Write	X7 QTM cycle time w	UINT8	define QTM cycle time at connected port
1047	26	Write	X8 QTM cycle time w	UINT8	Define QTM cycle time at connected port
1048	27	Write	X1 QTM min on time w	UINT16	Define QTM min on time at connected port
1049	28	Write	X2 QTM min on time w	UINT16	Define QTM min on time at connected port
1050	29	Write	X3 QTM min on time w	UINT16	Define QTM min on time at connected port
1051	30	Write	X4 QTM min on time w	UINT16	Define QTM min on time at connected port
1052	31	Write	X5 QTM min on time w	UINT16	Define QTM min on time at connected port
1053	32	Write	X6 QTM min on time w	UINT16	Define QTM min on time at connected port
1054	33	Write	X7 QTM min on time w	UINT16	Define QTM min on time at connected port
1055	34	Write	X8 QTM min on time w	UINT16	Define QTM min on time at connected port
1056	35	Write	X1 QTM max on time w	UINT16	Define QTM max on time at connected port
1057	36	Write	X2 QTM max on time w	UINT16	Define QTM max on time at connected port
1058	37	Write	X3 QTM max on time w	UINT16	Define QTM max on time at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1059	38	Write	X4 QTM max on time w	UINT16	Define QTM max on time at connected port
1060	39	Write	X5 QTM max on time w	UINT16	Define QTM max on time at connected port
1061	40	Write	X6 QTM max on time w	UINT16	Define QTM max on time at connected port
1062	41	Write	X7 QTM max on time w	UINT16	Define QTM max on time at connected port
1063	42	Write	X8 QTM max on time w	UINT16	Define QTM max on time at connected port
1064	43	Write	X1 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1065	44	Write	X2 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1066	45	Write	X3 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1067	46	Write	X4 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1068	47	Write	X5 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1069	48	Write	X6 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1070	49	Write	X7 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1071	50	Write	X8 VSC overlap w	FLOAT	Read VSC overlap of connected PCM at port
1072	51	Write	X1 pulse lock error w	UINT32	Define pulse lock error at connected port
1073	52	Write	X2 pulse lock error w	UINT32	Define pulse lock error at connected port
1074	53	Write	X3 pulse lock error w	UINT32	Define pulse lock error at connected port
1075	54	Write	X4 pulse lock error w	UINT32	Define pulse lock error at connected port
1076	55	Write	X5 pulse lock error w	UINT32	Define pulse lock error at connected port
1077	56	Write	X6 pulse lock error w	UINT32	Define pulse lock error at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1078	57	Write	X7 pulse lock error w	UINT32	Define pulse lock error at connected port
1079	58	Write	X8 pulse lock error w	UINT32	Define pulse lock error at connected port
1080	59	Write	X1 pulse lock status w	UINT32	Define pulse lock status at connected port
1081	60	Write	X2 pulse lock status w	UINT32	Define pulse lock status at connected port
1082	61	Write	X3 pulse lock status w	UINT32	Define pulse lock status at connected port
1083	62	Write	X4 pulse lock status w	UINT32	Define pulse lock status at connected port
1084	63	Write	X5 pulse lock status w	UINT32	Define pulse lock status at connected port
1085	64	Write	X6 pulse lock status w	UINT32	Define pulse lock status at connected port
1086	65	Write	X7 pulse lock status w	UINT32	Define pulse lock status at connected port
1087	66	Write	X8 pulse lock status w	UINT32	Define pulse lock status at connected port
1088	67	Write	X1 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1089	68	Write	X2 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1090	69	Write	X3 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1091	70	Write	X4 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1092	71	Write	X5 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1093	72	Write	X6 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1094	73	Write	X7 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1095	74	Write	X8 pulse lock monitor w	UINT32	Define pulse lock monitor at connected port
1096	75	Write	X1 regulation w	UINT8	Define regulation at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1097	76	Write	X2 regulation w	UINT8	Define regulation at connected port
1098	77	Write	X3 regulation w	UINT8	Define regulation at connected port
1099	78	Write	X4 regulation w	UINT8	Define regulation at connected port
1100	79	Write	X5 regulation w	UINT8	Define regulation at connected port
1101	80	Write	X6 regulation w	UINT8	Define regulation at connected port
1102	81	Write	X7 regulation w	UINT8	Define regulation at connected port
1103	82	Write	X8 regulation w	UINT8	Define regulation at connected port
1104	83	Read	X1 PID Kp r	FLOAT	Read PID Kp at connected port
1105	84	Read	X2 PID Kp r	FLOAT	Read PID Kp at connected port
1106	85	Read	X3 PID Kp r	FLOAT	Read PID Kp at connected port
1107	86	Read	X4 PID Kp r	FLOAT	Read PID Kp at connected port
1108	87	Read	X5 PID Kp r	FLOAT	Read PID Kp at connected port
1109	88	Read	X6 PID Kp r	FLOAT	Read PID Kp at connected port
1110	89	Read	X7 PID Kp r	FLOAT	Read PID Kp at connected port
1111	90	Read	X8 PID Kp r	FLOAT	Read PID Kp at connected port
1112	91	Write	X1 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1113	92	Write	X2 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1114	93	Write	X3 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1115	94	Write	X4 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1116	95	Write	X5 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1117	96	Write	X6 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1118	97	Write	X7 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port
1119	98	Write	X8 PID Kp numerator w	UINT16	Define PID Kp numerator at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1120	99	Write	X1 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1121	100	Write	X2 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1122	101	Write	X3 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1123	102	Write	X4 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1124	103	Write	X5 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1125	104	Write	X6 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1126	105	Write	X7 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1127	106	Write	X8 PID Kp denominator w	UINT16	Define PID Kp denominator at connected port
1128	107	Write	X1 PID Ti w	UINT16	Read PID Ti at connected port
1129	108	Write	X2 PID Ti w	UINT16	Read PID Ti at connected port
1130	109	Write	X3 PID Ti w	UINT16	Read PID Ti at connected port
1131	110	Write	X4 PID Ti w	UINT16	Read PID Ti at connected port
1132	111	Write	X5 PID Ti w	UINT16	Read PID Ti at connected port
1133	112	Write	X6 PID Ti w	UINT16	Read PID Ti at connected port
1134	113	Write	X7 PID Ti w	UINT16	Read PID Ti at connected port
1135	114	Write	X8 PID Ti w	UINT16	Read PID Ti at connected port
1136	115	Write	X1 PID Td w	UINT16	Read PID Td at connected port
1137	116	Write	X2 PID Td w	UINT16	Read PID Td at connected port
1138	117	Write	X3 PID Td w	UINT16	Read PID Td at connected port
1139	118	Write	X4 PID Td w	UINT16	Read PID Td at connected port
1140	119	Write	X5 PID Td w	UINT16	Read PID Td at connected port
1141	120	Write	X6 PID Td w	UINT16	Read PID Td at connected port
1142	121	Write	X7 PID Td w	UINT16	Read PID Td at connected port
1143	122	Write	X8 PID Td w	UINT16	Read PID Td at connected port
1144	123	Write	X1 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1145	124	Write	X2 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1146	125	Write	X3 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1147	126	Write	X4 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1148	127	Write	X5 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1149	128	Write	X6 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1150	129	Write	X7 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1151	130	Write	X8 limit U_{rms} max w	FLOAT	Define limit U_{rms} max at connected port
1152	131	Write	X1 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1153	132	Write	X2 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1154	133	Write	X3 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1155	134	Write	X4 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1156	135	Write	X5 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1157	136	Write	X6 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1158	137	Write	X7 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1159	138	Write	X8 limit I_{rms} max w	FLOAT	Define limit I_{rms} max at connected port
1160	139	Write	X1 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1161	140	Write	X2 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1162	141	Write	X3 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1163	142	Write	X4 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1164	143	Write	X5 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1165	144	Write	X6 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1166	145	Write	X7 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1167	146	Write	X8 limit I_{peak} max w	FLOAT	Define limit I_{peak} max at connected port
1168	147	Write	X1 limit P max w	FLOAT	Define limit P max at connected port
1169	148	Write	X2 limit P max w	FLOAT	Define limit P max at connected port
1170	149	Write	X3 limit P max w	FLOAT	Define limit P max at connected port
1171	150	Write	X4 limit P max w	FLOAT	Define limit P max at connected port
1172	151	Write	X5 limit P max w	FLOAT	Define limit P max at connected port
1173	152	Write	X6 limit P max w	FLOAT	Define limit P max at connected port
1174	153	Write	X7 limit P max w	FLOAT	Define limit P max at connected port
1175	154	Write	X8 limit P max w	FLOAT	Define limit P max at connected port
1176	155	Write	X1 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1177	156	Write	X2 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1178	157	Write	X3 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1179	158	Write	X4 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1180	159	Write	X5 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1181	160	Write	X6 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1182	161	Write	X7 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1183	162	Write	X8 monitoring U_{mains} min w	FLOAT	Define monitoring U_{mains} min at connected port
1184	163	Write	X1 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1185	164	Write	X2 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1186	165	Write	X3 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1187	166	Write	X4 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1188	167	Write	X5 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1189	168	Write	X6 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1190	169	Write	X7 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1191	170	Write	X8 monitoring U_{mains} max w	FLOAT	Define monitoring U_{mains} max at connected port
1192	171	Write	X1 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1193	172	Write	X2 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1194	173	Write	X3 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1195	174	Write	X4 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1196	175	Write	X5 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1197	176	Write	X6 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1198	177	Write	X7 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1199	178	Write	X8 monitoring U_{rms} min w	FLOAT	Define monitoring U_{rms} min at connected port
1200	179	Write	X1 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1201	180	Write	X2 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1202	181	Write	X3 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1203	182	Write	X4 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1204	183	Write	X5 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1205	184	Write	X6 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1206	185	Write	X7 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1207	186	Write	X8 monitoring U_{rms} max w	FLOAT	Define monitoring U_{rms} max at connected port
1208	187	Write	X1 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1209	188	Write	X2 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1210	189	Write	X3 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1211	190	Write	X4 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1212	191	Write	X5 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1213	192	Write	X6 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1214	193	Write	X7 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1215	194	Write	X8 monitoring I_{rms} min w	FLOAT	Define monitoring I_{rms} min at connected port
1216	195	Write	X1 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1217	196	Write	X2 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1218	197	Write	X3 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1219	198	Write	X4 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1220	199	Write	X5 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1221	200	Write	X6 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1222	201	Write	X7 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1223	202	Write	X8 monitoring I_{rms} max w	FLOAT	Define monitoring I_{rms} max at connected port
1224	203	Write	X1 monitoring P min w	FLOAT	Define monitoring P min at connected port
1225	204	Write	X2 monitoring P min w	FLOAT	Define monitoring P min at connected port
1226	205	Write	X3 monitoring P min w	FLOAT	Define monitoring P min at connected port
1227	206	Write	X4 monitoring P min w	FLOAT	Define monitoring P min at connected port
1228	207	Write	X5 monitoring P min w	FLOAT	Define monitoring P min at connected port
1229	208	Write	X6 monitoring P min w	FLOAT	Define monitoring P min at connected port
1230	209	Write	X7 monitoring P min w	FLOAT	Define monitoring P min at connected port
1231	210	Write	X8 monitoring P min w	FLOAT	Define monitoring P min at connected port
1232	211	Write	X1 monitoring P max w	FLOAT	Define monitoring P max at connected port
1233	212	Write	X2 monitoring P max w	FLOAT	Define monitoring P max at connected port
1234	213	Write	X3 monitoring P max w	FLOAT	Define monitoring P max at connected port
1235	214	Write	X4 monitoring P max w	FLOAT	Define monitoring P max at connected port
1236	215	Write	X5 monitoring P max w	FLOAT	Define monitoring P max at connected port
1237	216	Write	X6 monitoring P max w	FLOAT	Define monitoring P max at connected port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1238	217	Write	X7 monitoring P max w	FLOAT	Define monitoring P max at connected port
1239	218	Write	X8 monitoring P max w	FLOAT	Define monitoring P max at connected port
1240	219	Write	X1 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1241	220	Write	X2 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1242	221	Write	X3 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1243	222	Write	X4 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1244	223	Write	X5 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1245	224	Write	X6 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1246	225	Write	X7 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1247	226	Write	X8 $L_{monitoring}$ config w	UINT8	Define $L_{monitoring}$ config at connected port
1248	227	Write	X1 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1249	228	Write	X2 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1250	229	Write	X3 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1251	230	Write	X4 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1252	231	Write	X5 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1253	232	Write	X6 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1254	233	Write	X7 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1255	234	Write	X8 $L_{monitoring}$ UnS min w	FLOAT	Define $L_{monitoring}$ UnS min at connected port
1264	243	Write	X1 relay config w	UINT32	Define relay config of connected PCM at port

Table 13. Parameter list slot 4 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1265	244	Write	X2 relay config w	UINT32	Define relay config of connected PCM at port
1266	245	Write	X3 relay config w	UINT32	Define relay config of connected PCM at port
1267	246	Write	X4 relay config w	UINT32	Define relay config of connected PCM at port
1268	247	Write	X5 relay config w	UINT32	Define relay config of connected PCM at port
1269	248	Write	X6 relay config w	UINT32	Define relay config of connected PCM at port
1270	249	Write	X7 relay config w	UINT32	Define relay config of connected PCM at port
1271	250	Write	X8 relay config w	UINT32	Define relay config of connected PCM at port
1272	251	Write	X1 relay error w	UINT32	Define relay error of connected PCM at port
1273	252	Write	X2 relay error w	UINT32	Define relay error of connected PCM at port
1274	253	Write	X3 relay error w	UINT32	Define relay error of connected PCM at port
1275	254	Write	X4 relay error w	UINT32	Define relay error of connected PCM at port

Table 14. Parameter list slot 5

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1276	0	Write	X5 relay error w	UINT32	Define relay error of connected PCM at port
1277	1	Write	X6 relay error w	UINT32	Define relay error of connected PCM at port
1278	2	Write	X7 relay error w	UINT32	Define relay error of connected PCM at port
1279	3	Write	X8 relay error w	UINT32	Define relay error of connected PCM at port
1280	4	Write	X1 relay status w	UINT32	Define relay status of connected PCM at port
1281	5	Write	X2 relay status w	UINT32	Define relay status of connected PCM at port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1282	6	Write	X3 relay status w	UINT32	Define relay status of connected PCM at port
1283	7	Write	X4 relay status w	UINT32	Define relay status of connected PCM at port
1284	8	Write	X5 relay status w	UINT32	Define relay status of connected PCM at port
1285	9	Write	X6 relay status w	UINT32	Define relay status of connected PCM at port
1286	10	Write	X7 relay status w	UINT32	Define relay status of connected PCM at port
1287	11	Write	X8 relay status w	UINT32	Define relay status of connected PCM at port
1288	12	Write	X1 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1289	13	Write	X2 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1290	14	Write	X3 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1291	15	Write	X4 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1292	16	Write	X5 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1293	17	Write	X6 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1294	18	Write	X7 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1295	19	Write	X8 relay monitor w	UINT32	Define relay monitor of connected PCM at port
1296	20	Write	X1 relay current w	UINT16	Define relay current of connected PCM at port
1297	21	Write	X2 relay current w	UINT16	Define relay current of connected PCM at port
1298	22	Write	X3 relay current w	UINT16	Define relay current of connected PCM at port
1299	23	Write	X4 relay current w	UINT16	Define relay current of connected PCM at port
1300	24	Write	X5 relay current w	UINT16	Define relay current of connected PCM at port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1301	25	Write	X6 relay current w	UINT16	Define relay current of connected PCM at port
1302	26	Write	X7 relay current w	UINT16	Define relay current of connected PCM at port
1303	27	Write	X8 relay current w	UINT16	Define relay current of connected PCM at port
1304	28	Write	X1 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1305	29	Write	X2 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1306	30	Write	X3 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1307	31	Write	X4 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1308	32	Write	X5 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1309	33	Write	X6 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1310	34	Write	X7 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1311	35	Write	X8 analog in scale min w	FLOAT	Write min analog value of connected PCM port
1312	36	Write	X1 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1313	37	Write	X2 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1314	38	Write	X3 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1315	39	Write	X4 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1316	40	Write	X5 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1317	41	Write	X6 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1318	42	Write	X7 analog in scale max w	FLOAT	Write max analog value of connected PCM port
1319	43	Write	X8 analog in scale max w	FLOAT	Write max analog value of connected PCM port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1320	44	Write	X1 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1321	45	Write	X2 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1322	46	Write	X3 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1323	47	Write	X4 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1324	48	Write	X5 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1325	49	Write	X6 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1326	50	Write	X7 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1327	51	Write	X8 analog in zero shift w	UINT16	Write analog 0 value of connected PCM port
1336	60	Write	X1 analog out average w	UINT16	Write analog out average
1337	61	Write	X2 analog out average w	UINT16	Write analog out average
1338	62	Write	X3 analog out average w	UINT16	Write analog out average
1339	63	Write	X4 analog out average w	UINT16	Write analog out average
1340	64	Write	X5 analog out average w	UINT16	Write analog out average
1341	65	Write	X6 analog out average w	UINT16	Write analog out average
1342	66	Write	X7 analog out average w	UINT16	Write analog out average
1343	67	Write	X8 analog out average w	UINT16	Write analog out average
1344	68	Write	X1 analog out input w	UINT8	Write analog out input
1345	69	Write	X2 analog out input w	UINT8	Write analog out input
1346	70	Write	X3 analog out input w	UINT8	Write analog out input
1347	71	Write	X4 analog out input w	UINT8	Write analog out input
1348	72	Write	X5 analog out input w	UINT8	Write analog out input
1349	73	Write	X6 analog out input w	UINT8	Write analog out input
1350	74	Write	X7 analog out input w	UINT8	Write analog out input
1351	75	Write	X8 analog out input w	UINT8	Write analog out input
1352	76	Write	X1 analog out offset w	FLOAT	Write analog out offset
1353	77	Write	X2 analog out offset w	FLOAT	Write analog out offset
1354	78	Write	X3 analog out offset w	FLOAT	Write analog out offset
1355	79	Write	X4 analog out offset w	FLOAT	Write analog out offset

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1356	80	Write	X5 analog out offset w	FLOAT	Write analog out offset
1357	81	Write	X6 analog out offset w	FLOAT	Write analog out offset
1358	82	Write	X7 analog out offset w	FLOAT	Write analog out offset
1359	83	Write	X8 analog out offset w	FLOAT	Write analog out offset
1360	84	Write	X1 analog out max value w	UINT8	Write analog max value
1361	85	Write	X2 analog out max value w	UINT8	Write analog max value
1362	86	Write	X3 analog out max value w	UINT8	Write analog max value
1363	87	Write	X4 analog out max value w	UINT8	Write analog max value
1364	88	Write	X5 analog out max value w	UINT8	Write analog max value
1365	89	Write	X6 analog out max value w	UINT8	Write analog max value
1366	90	Write	X7 analog out max value w	UINT8	Write analog max value
1367	91	Write	X8 analog out max value w	UINT8	Write analog max value
1368	92	Write	X1 digital out config w	UINT32	Define digital out config of assigned PCM
1369	93	Write	X2 digital out config w	UINT32	Define digital out config of assigned PCM
1370	94	Write	X3 digital out config w	UINT32	Define digital out config of assigned PCM
1371	95	Write	X4 digital out config w	UINT32	Define digital out config of assigned PCM
1372	96	Write	X5 digital out config w	UINT32	Define digital out config of assigned PCM
1373	97	Write	X6 digital out config w	UINT32	Define digital out config of assigned PCM
1374	98	Write	X7 digital out config w	UINT32	Define digital out config of assigned PCM
1375	99	Write	X8 digital out config w	UINT32	Define digital out config of assigned PCM
1376	100	Write	X1 digital out error w	UINT32	Define digital out error of assigned PCM

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1377	101	Write	X2 digital out error w	UINT32	Define digital out error of assigned PCM
1378	102	Write	X3 digital out error w	UINT32	Define digital out error of assigned PCM
1379	103	Write	X4 digital out error w	UINT32	Define digital out error of assigned PCM
1380	104	Write	X5 digital out error w	UINT32	Define digital out error of assigned PCM
1381	105	Write	X6 digital out error w	UINT32	Define digital out error of assigned PCM
1382	106	Write	X7 digital out error w	UINT32	Define digital out error of assigned PCM
1383	107	Write	X8 digital out error w	UINT32	Define digital out error of assigned PCM
1384	108	Write	X1 digital out status w	UINT32	Define digital out status of assigned PCM
1385	109	Write	X2 digital out status w	UINT32	Define digital out status of assigned PCM
1386	110	Write	X3 digital out status w	UINT32	Define digital out status of assigned PCM
1387	111	Write	X4 digital out status w	UINT32	Define digital out status of assigned PCM
1388	112	Write	X5 digital out status w	UINT32	Define digital out status of assigned PCM
1389	113	Write	X6 digital out status w	UINT32	Define digital out status of assigned PCM
1390	114	Write	X7 digital out status w	UINT32	Define digital out status of assigned PCM
1391	115	Write	X8 digital out status w	UINT32	Define digital out status of assigned PCM
1392	116	Write	X1 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1393	117	Write	X2 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1394	118	Write	X3 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1395	119	Write	X4 digital out monitor w	UINT32	Define digital out monitor of assigned PCM

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1396	120	Write	X5 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1397	121	Write	X6 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1398	122	Write	X7 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1399	123	Write	X8 digital out monitor w	UINT32	Define digital out monitor of assigned PCM
1400	124	Write	X1 DL control error w	UINT32	Define DL control error of assigned PCM
1401	125	Write	X2 DL control error w	UINT32	Define DL control error of assigned PCM
1402	126	Write	X3 DL control error w	UINT32	Define DL control error of assigned PCM
1403	127	Write	X4 DL control error w	UINT32	Define DL control error of assigned PCM
1404	128	Write	X5 DL control error w	UINT32	Define DL control error of assigned PCM
1405	129	Write	X6 DL control error w	UINT32	Define DL control error of assigned PCM
1406	130	Write	X7 DL control error w	UINT32	Define DL control error of assigned PCM
1407	131	Write	X8 DL control error w	UINT32	Define DL control error of assigned PCM
1408	132	Write	X1 DL control status w	UINT32	Define DL control status of assigned PCM
1409	133	Write	X2 DL control status w	UINT32	Define DL control status of assigned PCM
1410	134	Write	X3 DL control status w	UINT32	Define DL control status of assigned PCM
1411	135	Write	X4 DL control status w	UINT32	Define DL control status of assigned PCM
1412	136	Write	X5 DL control status w	UINT32	Define DL control status of assigned PCM
1413	137	Write	X6 DL control status w	UINT32	Define DL control status of assigned PCM
1414	138	Write	X7 DL control status w	UINT32	Define DL control status of assigned PCM

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1415	139	Write	X8 DL control status w	UINT32	Define DL control status of assigned PCM
1416	140	Write	X1 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1417	141	Write	X2 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1418	142	Write	X3 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1419	143	Write	X4 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1420	144	Write	X5 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1421	145	Write	X6 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1422	146	Write	X7 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1423	147	Write	X8 DL control monitor w	UINT32	Define DL control monitor of assigned PCM
1424	148	Write	X1 OM load config w	UINT8	Define OM load config at connected port
1425	149	Write	X2 OM load config w	UINT8	Define OM load config at connected port
1426	150	Write	X3 OM load config w	UINT8	Define OM load config at connected port
1427	151	Write	X4 OM load config w	UINT8	Define OM load config at connected port
1428	152	Write	X5 OM load config w	UINT8	Define OM load config at connected port
1429	153	Write	X6 OM load config w	UINT8	Define OM load config at connected port
1430	154	Write	X7 OM load config w	UINT8	Define OM load config at connected port
1431	155	Write	X8 OM load config w	UINT8	Define OM load config at connected port
1432	156	Write	X1 OM config standard w	UINT32	Define OM config standard at connected port
1433	157	Write	X2 OM config standard w	UINT32	Define OM config standard at connected port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1434	158	Write	X3 OM config standard w	UINT32	Define OM config standard at connected port
1435	159	Write	X4 OM config standard w	UINT32	Define OM config standard at connected port
1436	160	Write	X5 OM config standard w	UINT32	Define OM config standard at connected port
1437	161	Write	X6 OM config standard w	UINT32	Define OM config standard at connected port
1438	162	Write	X7 OM config standard w	UINT32	Define OM config standard at connected port
1439	163	Write	X8 OM config standard w	UINT32	Define OM config standard at connected port
1440	164	Write	X1 OM config extended w	UINT32	Define OM config extended at connected port
1441	165	Write	X2 OM config extended w	UINT32	Define OM config extended at connected port
1442	166	Write	X3 OM config extended w	UINT32	Define OM config extended at connected port
1443	167	Write	X4 OM config extended w	UINT32	Define OM config extended at connected port
1444	168	Write	X5 OM config extended w	UINT32	Define OM config extended at connected port
1445	169	Write	X6 OM config extended w	UINT32	Define OM config extended at connected port
1446	170	Write	X7 OM config extended w	UINT32	Define OM config extended at connected port
1447	171	Write	X8 OM config extended w	UINT32	Define OM config extended at connected port
1448	172	Write	X1 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1449	173	Write	X2 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1450	174	Write	X3 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1451	175	Write	X4 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1452	176	Write	X5 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1453	177	Write	X6 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1454	178	Write	X7 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1455	179	Write	X8 multi I/O 1 error w	UINT32	Define multi I/O 1 error at connected port
1456	180	Write	X1 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1457	181	Write	X2 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1458	182	Write	X3 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1459	183	Write	X4 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1460	184	Write	X5 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1461	185	Write	X6 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1462	186	Write	X7 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1463	187	Write	X8 multi I/O 1 status w	UINT32	Define multi I/O 1 status at connected port
1464	188	Write	X1 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1465	189	Write	X2 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1466	190	Write	X3 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1467	191	Write	X4 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1468	192	Write	X5 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1469	193	Write	X6 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1470	194	Write	X7 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port
1471	195	Write	X8 multi I/O 1 monitor w	UINT32	Define multi I/O 1 monitor at connected port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1472	196	Write	X1 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1473	197	Write	X2 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1474	198	Write	X3 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1475	199	Write	X4 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1476	200	Write	X5 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1477	201	Write	X6 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1478	202	Write	X7 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1479	203	Write	X8 multi I/O 1 out sig w	UINT8	Define multi I/O 1 out sig at connected port
1480	204	Write	X1 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1481	205	Write	X2 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1482	206	Write	X3 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1483	207	Write	X4 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1484	208	Write	X5 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1485	209	Write	X6 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1486	210	Write	X7 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1487	211	Write	X8 multi I/O 1 in sig w	UINT8	Define multi I/O 1 in sig at connected port
1488	212	Write	X1 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1489	213	Write	X2 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1490	214	Write	X3 relay delay off w	UINT16	Define relay delay off of connected PCM at port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1491	215	Write	X4 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1492	216	Write	X5 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1493	217	Write	X6 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1494	218	Write	X7 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1495	219	Write	X8 relay delay off w	UINT16	Define relay delay off of connected PCM at port
1496	220	Write	X1 monitoring R min w	FLOAT	Define monitoring R min at connected port
1497	221	Write	X2 monitoring R min w	FLOAT	Define monitoring R min at connected port
1498	222	Write	X3 monitoring R min w	FLOAT	Define monitoring R min at connected port
1499	223	Write	X4 monitoring R min w	FLOAT	Define monitoring R min at connected port
1500	224	Write	X5 monitoring R min w	FLOAT	Define monitoring R min at connected port
1501	225	Write	X6 monitoring R min w	FLOAT	Define monitoring R min at connected port
1502	226	Write	X7 monitoring R min w	FLOAT	Define monitoring R min at connected port
1503	227	Write	X8 monitoring R min w	FLOAT	Define monitoring R min at connected port
1504	228	Write	X1 monitoring R max w	FLOAT	Define monitoring R max at connected port
1505	229	Write	X2 monitoring R max w	FLOAT	Define monitoring R max at connected port
1506	230	Write	X3 monitoring R max w	FLOAT	Define monitoring R max at connected port
1507	231	Write	X4 monitoring R max w	FLOAT	Define monitoring R max at connected port
1508	232	Write	X5 monitoring R max w	FLOAT	Define monitoring R max at connected port
1509	233	Write	X6 monitoring R max w	FLOAT	Define monitoring R max at connected port

Table 14. Parameter list slot 5 (Continued)

ADI	Index	Read/ Write	Parameter Name	Type	Parameter Description
1510	234	Write	X7 monitoring R max w	FLOAT	Define monitoring R max at connected port
1511	235	Write	X8 monitoring R max w	FLOAT	Define monitoring R max at connected port
1512	236	Write	X1 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1513	237	Write	X2 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1514	238	Write	X3 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1515	239	Write	X4 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1516	240	Write	X5 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1517	241	Write	X6 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1518	242	Write	X7 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1519	243	Write	X8 monitoring TSC factor w	UINT16	Define monitoring TSC factor at connected port
1520	244	Write	X1 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1521	245	Write	X2 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1522	246	Write	X3 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1523	247	Write	X4 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1524	248	Write	X5 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1525	249	Write	X6 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1526	250	Write	X7 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port
1527	251	Write	X8 monitoring TSC delay w	UINT16	Define monitoring TSC delay at connected port

AE GLOBAL SERVICES

Please contact AE Global Services if you have questions or problems, or if you need customer support. When you contact Global Services, please include the unit serial number and part number. These numbers are available on unit labels.

☞ **Important**
For returns and repairs, please contact AE Global Services to get the correct shipping address.

Primary Contact Information

Visit the Advanced Energy website for local service and support contact information:

http://www.advancedenergy.com

Click on the service link at the top of the page.

Alternate Contact Information

If you do not have access to the Advanced Energy website, then use one of the following:

- Phone (24 hrs/day, 7 days/week):
  800.446.9167
  or
  +1.970.221.0108
- Email: (We will respond to email by the next business day.)

  mailto:technical.support@aei.com
- AE World Headquarters

  1625 Sharp Point Drive

  Fort Collins, CO 80525 USA

For Power Control Module product support, contact by phone or email:

+49 (0) 2902 910370 10 (technical support during German business hours)

mailto:powercontroller@aei.com

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