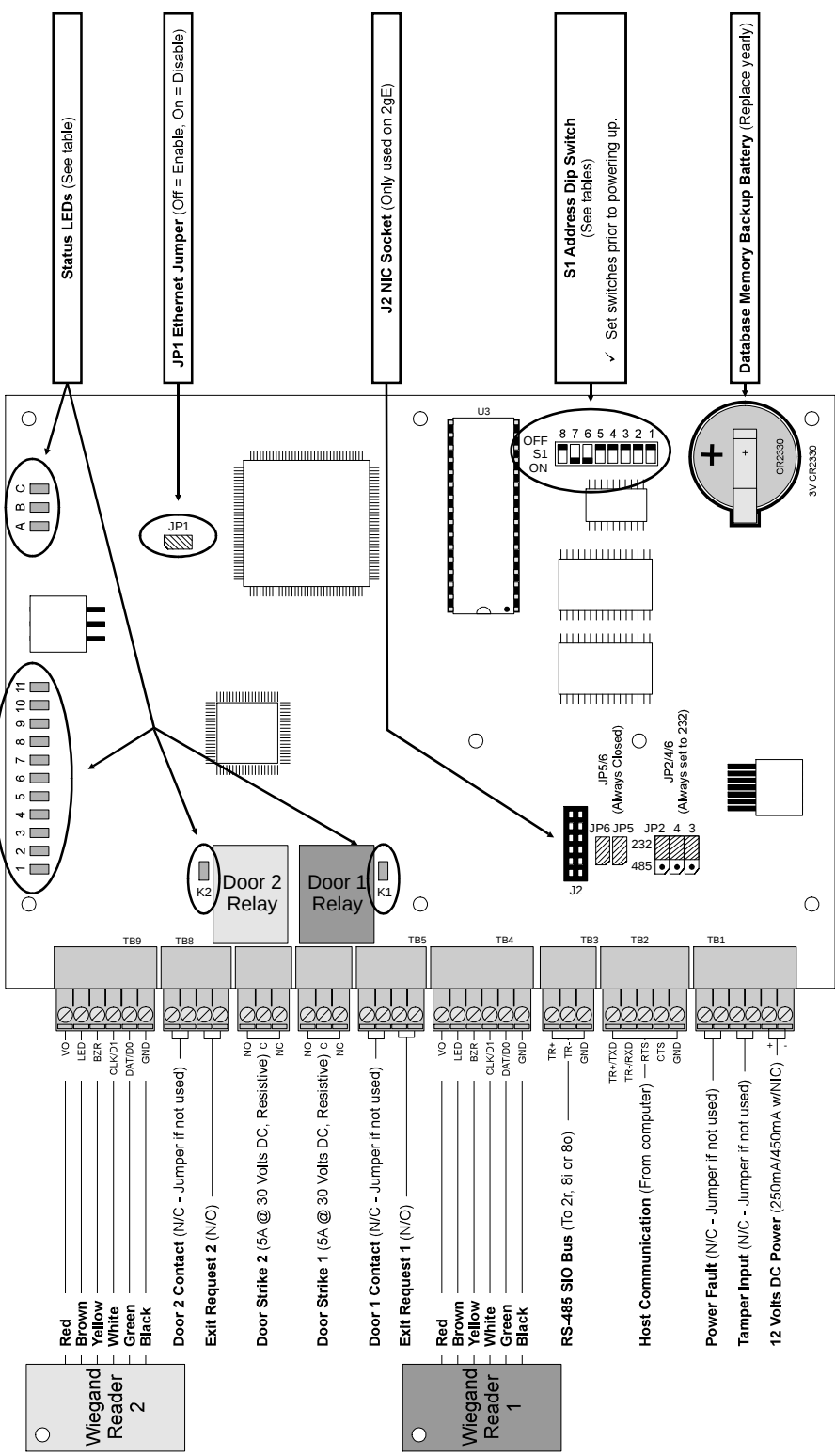


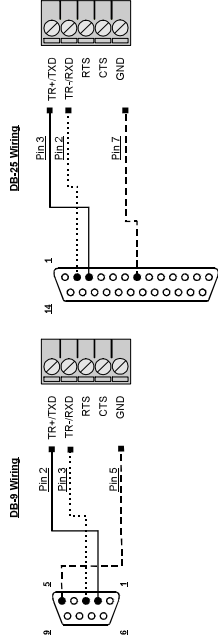
2g/2gE Quick Reference

Block Wiring Diagram



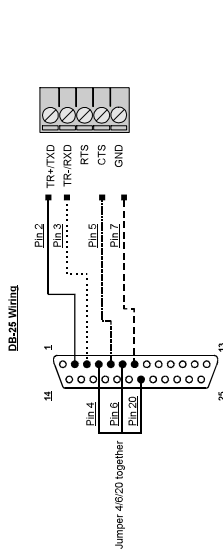
S1 RS-232 Hardwired Address Dip Switch

Address	1	2	3	4	5	6	7	8
0	Off	Off	Off	Off	Off	On	On	Off



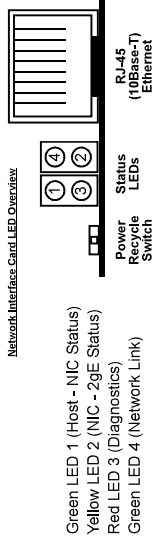
S1 Dialup Address Dip Switch

Address	1	2	3	4	5	6	7	8
1	On	Off	Off	Off	On	On	On	Off



S1 Ethernet Address Dip Switch

Address	1	2	3	4	5	6	7	8
0	Off	Off	Off	Off	On	On	On	Off

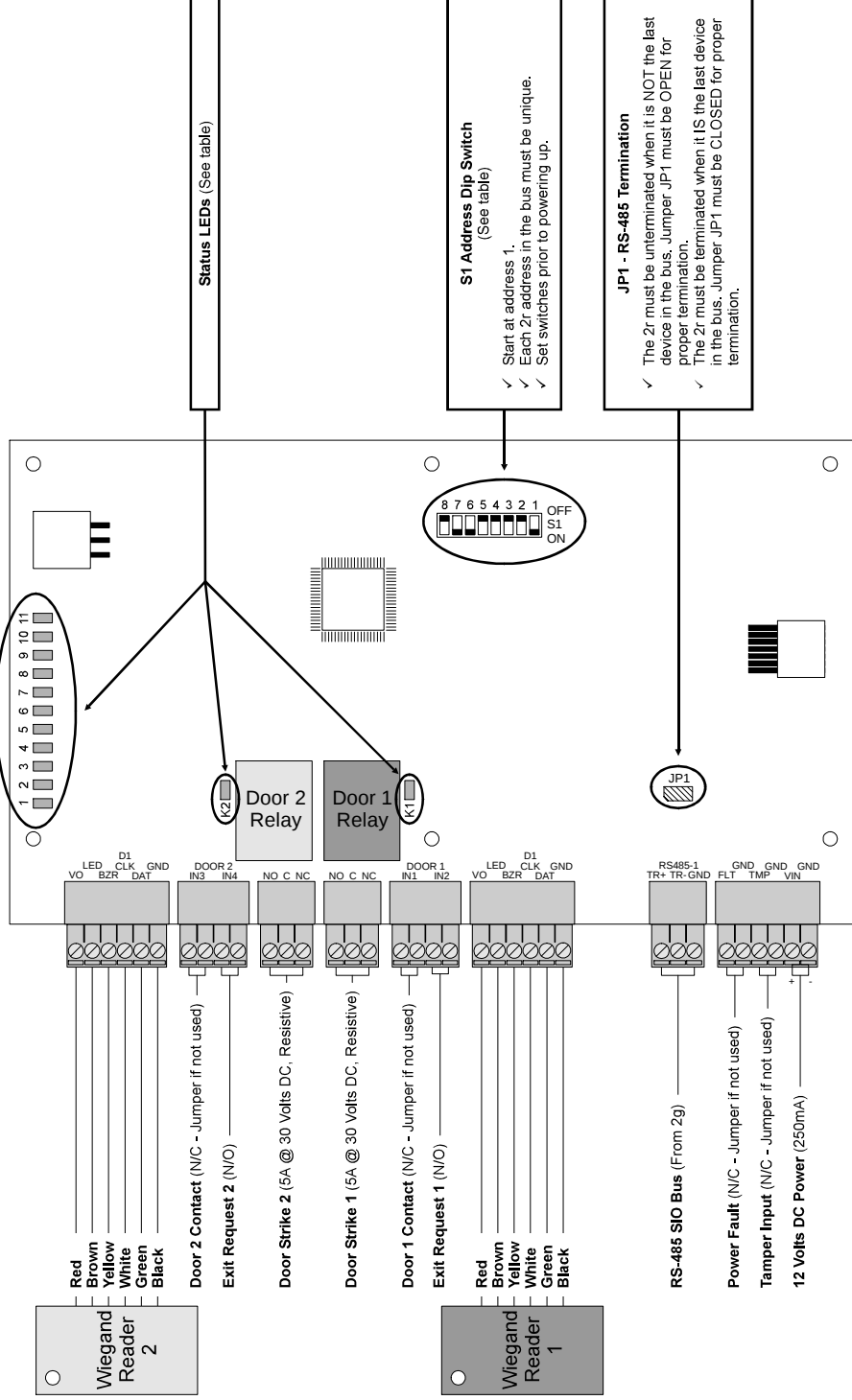


Status LEDs

Status LED	Mostly On	Mostly Off	Toggle
A - Power	On	Off	N/A
B - Host Communication (From computer)	On Line	Off Line	N/A
C - RS-485 SIO Bus (To 2r, 8i or 8o)	On Line	Off Line	N/A
1 - Power	On	Off	N/A
2 - Host Communication (From computer)	On Line	Off Line	N/A
3 - RS-485 SIO Bus (To 2r, 8i or 8o)	Sub-Panels On Line	Sub-Panels Off Line	N/A
4 - Door 1 Contact	Open	Closed	Fault
5 - Door 1 REX	Active	Inactive	Fault
6 - Door 2 Contact	Open	Closed	Fault
7 - Door 2 REX	Active	Inactive	Fault
8 - Reader 1 Communication Pattern	Data1/Data0	Clock/Data	Serial
9 - Reader Port 1 Activity	• Data1/Data0 & Clock/Data - The LED is ON while data is being read. • Serial - The LED flashes FAST during communication.		
10 - Reader 2 Communication Pattern	Data1/Data0	Clock/Data	Serial
11 - Reader Port 2 Activity	• Data1/Data0 & Clock/Data - The LED is ON while data is being read. • Serial - The LED flashes FAST during communication.		
K1 - Door 1 Relay	Energized	De-Energized	N/A
K2 - Door 2 Relay	Energized	De-Energized	N/A

2r Quick Reference

Block Wiring Diagram



S1 Address Dip Switch

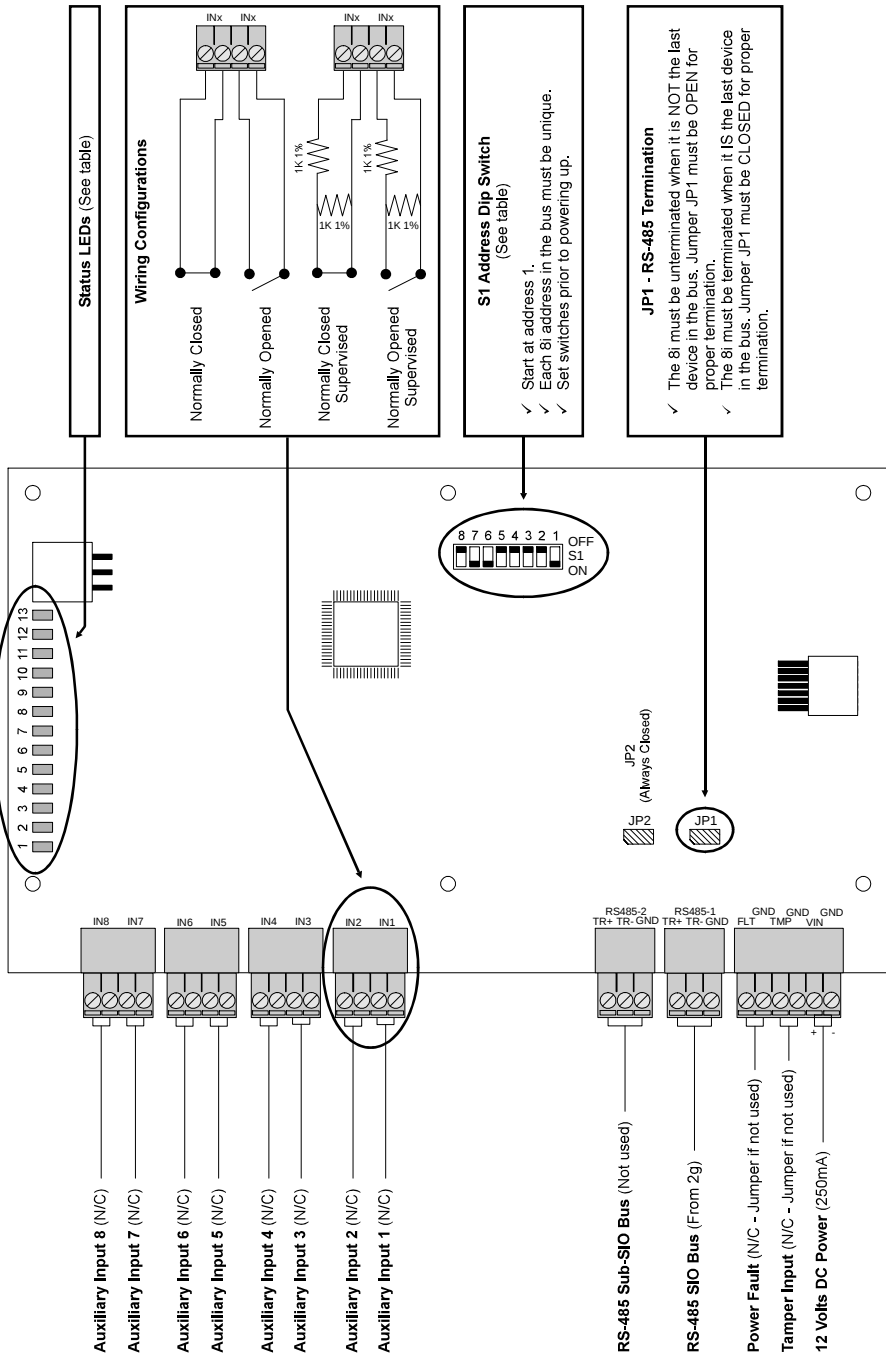
		Access It!® Lite Reserved Addresses															
		8i Addresses								8o Addresses							
Address		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
2	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
3	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
4	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
5	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
6	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
7	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
8	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
9	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
10	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
11	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
12	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
13	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
14	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
15	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
16	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
17	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
18	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
19	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
20	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
21	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
22	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
23	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
24	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
25	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
26	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
27	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
28	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
29	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On
30	Off	On	On	On	On	On	On	On	On	Off	Off	Off	Off	Off	Off	Off	Off
31	On	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On	On

Status LEDs

Status LED	Mostly On	Mostly Off	Toggle
1 - Power	On	Off	N/A
2 - RS-485 SIO Bus (From 2g)	On Line	Off Line	N/A
3 - Not Used	N/A	N/A	N/A
4 - Door 1 Contact	Open	Closed	Fault
5 - Door 1 REX	Active	Inactive	Fault
6 - Door 2 Contact	Open	Closed	Fault
7 - Door 2 REX	Active	Inactive	Fault
8 - Reader 1 Communication Pattern	Data1/Data0	Clock/Data	Serial
9 - Reader Port 1 Activity	Data1/Data0 & Clock/Data - The LED is ON while data is being read. Serial - The LED flashes FAST during communication.		Serial
10 - Reader 2 Communication Pattern	Data1/Data0	Clock/Data	Serial
11 - Reader Port 2 Activity	Data1/Data0 & Clock/Data - The LED is ON while data is being read. Serial - The LED flashes FAST during communication.		Serial
12 - Door 1 Relay	Energized	De-Energized	N/A
13 - Door 2 Relay	Energized	De-Energized	N/A

8i Quick Reference

Block Wiring Diagram



S1 Address Dip Switch

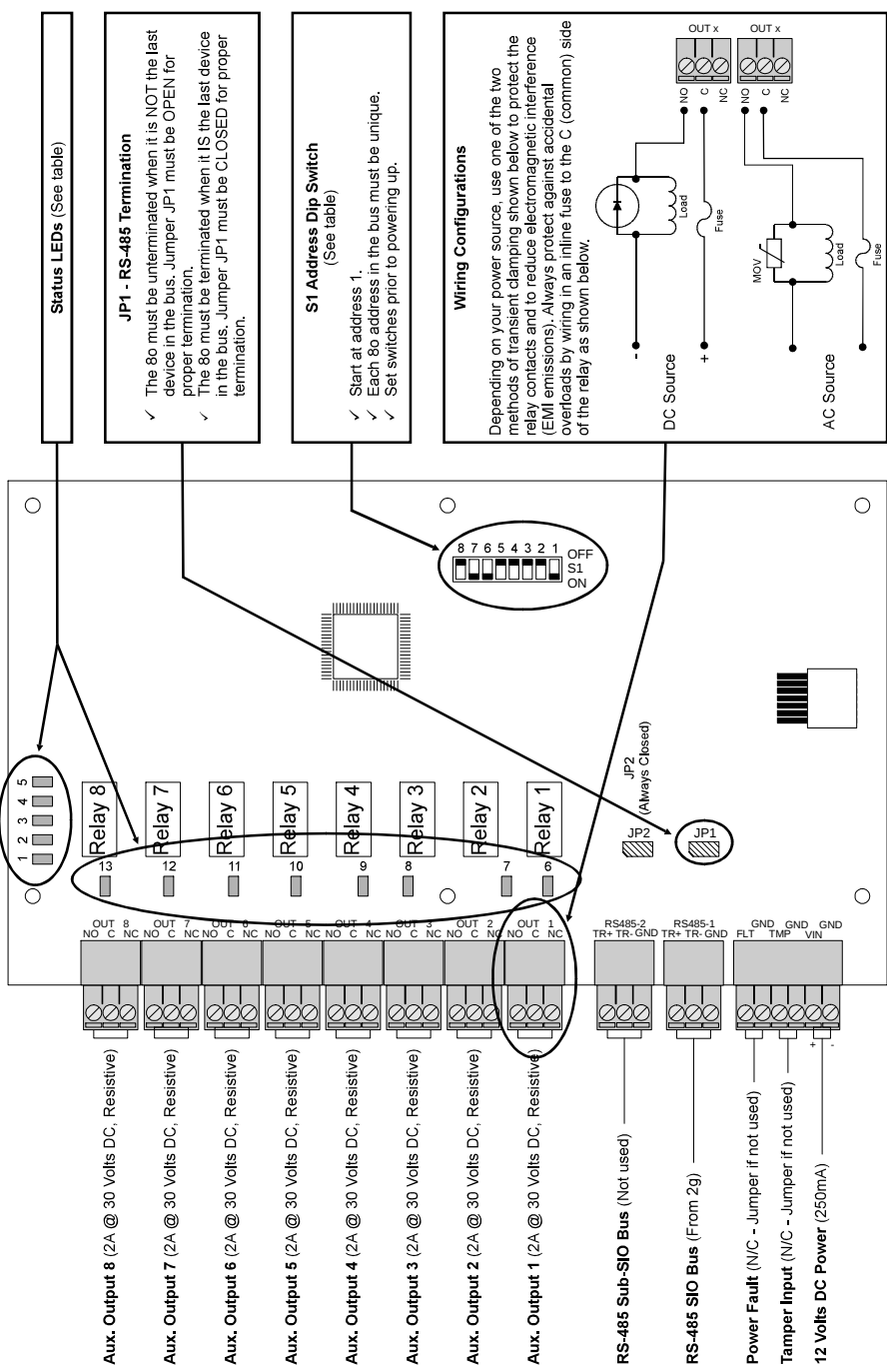
Address	Access It!® Lite Reserved Addresses							
	8i Addresses				8o Addresses			
1	On	Off	Off	Off	On	On	On	Off
2	Off	On	Off	Off	On	On	On	Off
3	On	On	Off	Off	On	On	On	Off
4	Off	Off	On	Off	On	On	On	Off
5	On	Off	On	Off	On	On	On	Off
6	Off	On	On	Off	On	On	On	Off
7	On	On	On	Off	On	On	On	Off
8	Off	Off	On	Off	On	On	On	Off
9	On	Off	Off	Off	On	On	On	Off
10	Off	On	Off	Off	On	On	On	Off
11	On	On	On	Off	On	On	On	Off
12	Off	Off	On	Off	On	On	On	Off
13	On	On	On	Off	On	On	On	Off
14	Off	On	On	Off	On	On	On	Off
15	On	On	On	Off	On	On	On	Off
16	Off	Off	Off	Off	On	On	On	Off
17	On	On	Off	Off	On	On	On	Off
18	Off	On	Off	Off	On	On	On	Off
19	On	On	Off	Off	On	On	On	Off
20	Off	Off	On	Off	On	On	On	Off
21	On	On	On	Off	On	On	On	Off
22	Off	On	On	Off	On	On	On	Off
23	On	On	On	Off	On	On	On	Off
24	Off	Off	Off	On	On	On	On	Off
25	On	Off	Off	On	On	On	On	Off
26	Off	On	Off	On	On	On	On	Off
27	On	On	On	On	On	On	On	Off
28	Off	Off	On	On	On	On	On	Off
29	On	Off	On	On	On	On	On	Off
30	Off	On	On	On	On	On	On	Off
31	On	On	On	On	On	On	On	Off

Status LEDs

Status LED	Mostly On	Mostly Off	Toggle
1 - Power	On	Off	N/A
2 - RS-485 SIO Bus (From 2g)	On Line	Off Line	N/A
3 - Not Used	N/A	N/A	N/A
4 - Input 1	Active	Inactive	Fault
5 - Input 2	Active	Inactive	Fault
6 - Input 3	Active	Inactive	Fault
7 - Input 4	Active	Inactive	Fault
8 - Input 5	Active	Inactive	Fault
9 - Input 6	Active	Inactive	Fault
10 - Input 7	Active	Inactive	Fault
11 - Input 8	Active	Inactive	Fault
12 - Cabinet Tamper	Active	Inactive	N/A
13 - Power Failure	Active	Inactive	N/A

80 Quick Reference

Block Wiring Diagram



S1 Address Dip Switch

															Access It!® Lite Reserved Addresses															
															8i Addresses								8o Addresses							
Address	1	2	3	4	5	6	7	8																						
1	On	Off	Off	Off	Off	On	On	Off																						
2	Off	On	Off	Off	Off	On	On	Off																						
3	On		Off	Off	Off	On	On	Off																						
4	Off	Off	On	Off	Off	On	On	Off																						
5	On	Off	On	Off	Off	On	On	Off																						
6	Off	On	On	Off	Off	On	On	Off																						
7	On	On	On	Off	Off	On	On	Off																						
8	Off	Off	Off	On	Off	On	On	Off																						
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12	Off	Off	On	On	Off	On	On	Off																						
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14	Off	On	On	On	Off	On	On	Off																						
15	On	On	On	On	Off	On	On	Off																						
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29	On	Off	On	On	On	On	On	Off																						
30	Off	On	On	On	On	On	On	Off																						
31	On	On	On	On	On	On	On	Off																						

Status LEDs

Status LED	Mostly On	Mostly Off	Toggle
1 - Power	On	Off	N/A
2 - RS-485 SIO Bus (From 2g)	On Line	Off Line	N/A
3 - Not Used	N/A	N/A	N/A
4 - Cabinet Tamper	Active	Inactive	N/A
5 - Power Fail	Active	Inactive	N/A
6 - Relay 1	Energized	De-Energized	N/A
7 - Relay 2	Energized	De-Energized	N/A
8 - Relay 3	Energized	De-Energized	N/A
9 - Relay 4	Energized	De-Energized	N/A
10 - Relay 5	Energized	De-Energized	N/A
11 - Relay 6	Energized	De-Energized	N/A
12 - Relay 7	Energized	De-Energized	N/A
13 - Relay 8	Energized	De-Energized	N/A