

Broadband International® Crowbar, A/C Circuit Surge Protector



The all new Broadband International® Crowbar circuit installs into Broadband International® 2PAC-C, 2PAC-G/S/S2, 4PAC-G/S2 Amplifiers, and Cisco® GainMaker® Amplifiers/Nodes, GS-7000 Nodes, and Scientific Atlanta® II and III Amplifiers. The Crowbar circuit is normally in the open state until a line voltage above 230-240 volts is detected. The internal circuitry will short to ground until the line voltage drops below 230-240 volts

OEM P/N	BBI P/N
715973	251750R

Features:

- **60 and 90 volt AC capability**
- **Surge tested to 6000 volts with Combination Wave Surge testing**
- **Does not degrade surge capability after multiple surge events**
- **Normally open up to 240 volts but routes any voltages above 240 volts to ground.**
- **Low voltage overshoot and low on-state voltage**

*Replaced part number 251750Y – 1/20/2020



Test method		Combination Wave													
Parameters		5 positive and 5 negative cycles from 1000-6000 volts													
TEST DATA -															
Test #	Negative	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Test #	Positive	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5		
1	1000	passed	passed	passed	passed	passed	31	1000	passed	passed	passed	passed	passed		
2	1000	passed	passed	passed	passed	passed	32	1000	passed	passed	passed	passed	passed		
3	1000	passed	passed	passed	passed	passed	33	1000	passed	passed	passed	passed	passed		
4	1000	passed	passed	passed	passed	passed	34	1000	passed	passed	passed	passed	passed		
5	1000	passed	passed	passed	passed	passed	35	1000	passed	passed	passed	passed	passed		
6	2000	passed	passed	passed	passed	passed	36	2000	passed	passed	passed	passed	passed		
7	2000	passed	passed	passed	passed	passed	37	2000	passed	passed	passed	passed	passed		
8	2000	passed	passed	passed	passed	passed	38	2000	passed	passed	passed	passed	passed		
9	2000	passed	passed	passed	passed	passed	39	2000	passed	passed	passed	passed	passed		
10	2000	passed	passed	passed	passed	passed	40	2000	passed	passed	passed	passed	passed		
11	3000	passed	passed	passed	passed	passed	41	3000	passed	passed	passed	passed	passed		
12	3000	passed	passed	passed	passed	passed	42	3000	passed	passed	passed	passed	passed		
13	3000	passed	passed	passed	passed	passed	43	3000	passed	passed	passed	passed	passed		
14	3000	passed	passed	passed	passed	passed	44	3000	passed	passed	passed	passed	passed		
15	3000	passed	passed	passed	passed	passed	45	3000	passed	passed	passed	passed	passed		
16	4000	passed	passed	passed	passed	passed	46	4000	passed	passed	passed	passed	passed		
17	4000	passed	passed	passed	passed	passed	47	4000	passed	passed	passed	passed	passed		
18	4000	passed	passed	passed	passed	passed	48	4000	passed	passed	passed	passed	passed		
19	4000	passed	passed	passed	passed	passed	49	4000	passed	passed	passed	passed	passed		
20	4000	passed	passed	passed	passed	passed	50	4000	passed	passed	passed	passed	passed		
21	5000	passed	passed	passed	passed	passed	51	5000	passed	passed	passed	passed	passed		
22	5000	passed	passed	passed	passed	passed	52	5000	passed	passed	passed	passed	passed		
23	5000	passed	passed	passed	passed	passed	53	5000	passed	passed	passed	passed	passed		
24	5000	passed	passed	passed	passed	passed	54	5000	passed	passed	passed	passed	passed		
25	5000	passed	passed	passed	passed	passed	55	5000	passed	passed	passed	passed	passed		
26	6000	passed	passed	passed	passed	passed	56	6000	passed	passed	passed	passed	passed		
27	6000	passed	passed	passed	passed	passed	57	6000	passed	passed	passed	passed	passed		
28	6000	passed	passed	passed	passed	passed	58	6000	passed	passed	passed	passed	passed		
29	6000	passed	passed	passed	passed	passed	59	6000	passed	passed	passed	passed	passed		
30	6000	passed	passed	passed	passed	passed	60	6000	passed	passed	passed	passed	passed		