BroadBand International®
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# Crowbar, A/C Circuit Surge Protector

## For Broadband International® 1.2 GHz 4PAC-MOT Mini Bridger

The Broadband International® Crowbar Circuit installs into the Broadband International® **1.2 GHz** 4PAC-MOT modules (the **1 GHz** 4PAC-MOT module requires the taller 260100 Crowbar).

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.

The Crowbar is 1" tall with guide pins and red heat shrink.

| BBI P/N | Description |
|---|---|
| 264T1200 | 4PAC-MOT MB 1.2 GHz Crowbar with guide pins |

### 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**

| 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 |