



### CE Declaration of Conformity

The undersigned, representing the following supplier

**Bonitron, Inc.**  
521 Fairground Court  
Nashville, Tennessee, 37211 – USA

herewith declare that the Products  
Product identification (brand and  
catalogue number/part number):

**Braking Transistor**  
**Bonitron – GDB400-4705-A**  
(reference the attached list of catalogue numbers)

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are in conformity with the provisions of the following EC Directive(s) when installed in accordance with the installation instructions contained in the product documentation:

2014/35/EU	Low Voltage Directive
2014/30/EU	EMC Directive

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and that the standards and/or technical specifications referenced below have been applied:

- 2014/35/EU Low Voltage Directive
- 2014/30/EU EMC Directive
  
- IEC 61800-5-1: 2007-07 Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, Thermal, and Safety
- IEC 61800-3 Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods
  - IEC 61000-4-2, Ed 2.0 (2008-12) Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
  - IEC 61000-4-3, Ed 3.2 (2010) Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test
  - IEC 61000-4-4, Ed 3.0 (2012) Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test
  - IEC 61000-4-5, Ed 3.0 (2012) Part 4-5: Testing and measurement techniques - Surge immunity test
  - IEC 61000-4-6, Ed 4.0 (2013) Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
  - EN 55011 / IEC/CISPR 11 (2015) Industrial, scientific and medical (ISM) radio-frequency equipment – Electromagnetic disturbance characteristics – Limits and methods of measurement

Bonitron, Inc.  
521 Fairground Court  
Nashville, Tennessee,  
37211 – USA

CE Compliance Testing  
Procedures  
GDB400-4705-A Braking  
Transistor Modules



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*Year of CE Marking*

2018

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A handwritten signature in black ink, which appears to read "Keith Benson". The signature is fluid and cursive, written over a set of horizontal lines.

**Signature**

Name: Keith Benson

Position: Bonitron, President

Date: 6/10/18

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