Listed 3L32 - Industrial Control Equipment
100kA Short Circuit Current Rating
File Number E136219

EN60947 - 4 - 3
IP 20
See CE Declaration of Conformity

Part 15 Subpart B
Class A Device

See RoHS Certificate of Compliance
DECLARATION OF CONFORMITY

MicroFUSION Series SCR Power Controller

Control Concepts, Inc.
18760 Lake Drive East
Chanhassen, MN 55317 USA

Declares that the following product:
Designation: MicroFUSION Series Power Controller
Model Numbers: Model uF, followed by 1 or 3, followed by HX or SX, followed by T or D or 4DY or 6DY or 64Y or 6ID, followed by A through Z, followed by any number or letter, followed by numbers -01 through -400, followed by “-” and numbers and/or letters
Classification: Solid State Power Controller, Class I, CE Pollution Degree II
Rated Voltage: 24 - 690 VAC
Rated Frequency: 45 - 65 Hz

Meets the essential requirements of the following European Union Directive(s) using the relevant section(s) of the normalized standards and related documents shown:

EN 60947 - 4 - 3: 2014 Low-voltage switchgear and controlgear
IEC 60947- 4 - 1: 2012
- IEC 61000- 4 - 2: 2008
- IEC 61000- 4 - 4: 2004/A1:2010
- IEC 61000- 4 - 5: 2005/AC1:2009
- IEC 61000- 4 - 6: 2013
- IEC 61000- 4 - 8: 2009
- IEC 61000- 4 - 11: 2004

IEC 60947 - 4 - 1: 2012, Clause 9.4.3 Emission
EUROPEAN STANDARD EN 55011: 2009 + A1: 2010
FCC Part 15 Subpart B

Note 1: All power terminals must be populated as to keep the controller touch safe to comply with EN 60947-4-3.
Note 2: Controller must be mounted in a shielded enclosure to comply with EMC Directive 2014/30/EU.
Note 3: Controller must have appropriate line and control power filter to comply with EN61000-6-2.

Third party conformance testing conducted by TÜV America.
TÜV SÜD America Inc.
Suite 104
1774 Old Highway 8 NW
New Brighton, MN 55112 - 1891

Name of Authorized Representative: Cory Watkins
Title of Authorized Representative: President
Place of Issue: Chanhassen, Minnesota, USA
Date of Issue: November, 2017

Signature of Authorized Representative 11/17/2017 Date
External EMI filters must be used in conjunction with the FUSION series power controllers to maintain CE immunity* approval. The following filters were used during the immunity testing.

Universal input power:  
Schaffner filter  
P/N: FN 2030-3-06

Line input power:  
Schaffner filter  
P/N: FN 3270H-35-33

The Schaffner filter for universal input power, or it’s equivalent, may be used as listed above. The line input power filter however, will need to be sized accordingly for your load. Please contact Schaffner EMC Inc. for help finding the appropriate filter.

Schaffner EMC Inc.  
52 Mayfield Avenue | Edison, New Jersey 08837 / USA  
T 1-800-367-5566 | T 732-225-9533 | F 732-225-4789  
usasales@schaffner.com | http://www.schaffner.com/us

*No filtering is required for emissions.

Wire filters as shown below:

*Tests were conducted with Mean Well USA, Inc. 24 Vdc Power Supply model PD - 65B
3 Phase Controller

Other wire diagrams are available, for models not listed here, by contacting Control Concepts, Inc.

*Tests were conducted with Mean Well USA, Inc. 24 Vdc power supply model PD - 65B

ATTENTION
This product has been designed for class A equipment. Use of this product in domestic environments may cause radio interference, in which case the user may be required to employ additional mitigation methods.

NOTICE
This product has been designed for environment A. Use of this product in environment B may cause unwanted electromagnetic disturbances, in which case the user may be required to take adequate mitigation measures.
This document Certifies that Control Concepts, Inc’s products listed in the table are fully RoHS compliant as of Nov 17, 2017 in accordance with EU RoHS Directive 2011/65/EU. The products listed in the table have been identified as RoHS compliant do not exceed the maximum limit for the six substances: Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls and Polybrominated diphenyl ether.

<table>
<thead>
<tr>
<th>PRODUCT FAMILY</th>
<th>PART NUMBERS</th>
<th>DATE ADDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUSION</td>
<td>FUSION-00-0-0-0-0000-0-0000-0000</td>
<td>11/13/2009</td>
</tr>
<tr>
<td>FUSION CF</td>
<td>CF-00-0-0-0-0000-0-0000-0000</td>
<td>12/20/2009</td>
</tr>
<tr>
<td>MicroFUSION Single Phase</td>
<td>uF1-00-00-0000-0000-0000</td>
<td>4/1/2014</td>
</tr>
<tr>
<td>MicroFUSION Three Phase</td>
<td>uF3-00-00-0000-0000-0000</td>
<td>4/1/2014</td>
</tr>
<tr>
<td>Connect Gateway Module</td>
<td>FG-00-00-0000</td>
<td>10/19/2015</td>
</tr>
</tbody>
</table>

Authorized Signature
Cory Watkins, President

Date Last Updated
6/01/2018