

Declaration of Conformity

Future Design Controls P.O. Box 1196 Bridgeview, IL 60455

Controls: Analog Series

Future Design Controls declare that the following process Analog Series controllers are in compliance relating to Electromagnetic Compatibility (2014/30/EU) and low-voltage Directive (2014/35/EU). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2013
EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

Emission:	Immunity:
CISPR 11: 2009 + A1	IEC61000 -4-2: 2008
2010, Class A	IEC61000 -4-3: 2006 + A1: 2007 + A2: 2010
IEC61000-3-2: 2014	IEC61000 -4-4: 2012
IEC61000-3-3: 2013	IEC61000 -4-5: 2014
	IEC61000 -4-6: 2014
	IEC61000 -4-8: 2009
	IEC61000 -4-11: 2004

Models: (followed by cataloged matrix numbers)
FDC-401, 402, 404, 405, 805, 901, 902 and 905

Controls: 90 & 200 Series

Future Design Controls declare that the following process controllers are in compliance with the following standards:

EN50081-1 Generic emission standard
EN50082-2 Generic Immunity standard
EN61010-1 Safety requirements for electrical equipment

Models: (followed by cataloged matrix numbers)
Series 90: 9090, 8120, 8130, 4120 and 4130
Series 200: 2220, 9200, 4220 and 4230

Controls: 300, L, P and B42 Series

Future Design Controls declare that the following process 300, L, P and B42 Series controllers are in compliance relating to Electromagnetic Compatibility (2014/30/EU) and low-voltage Directive (2014/35/EU). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2013
EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

Emission:	Immunity:
CISPR 11: 2009 + A1:	IEC61000 -4-2: 2008
2010, Group I, Class A	IEC61000 -4-3: 2006 + A1: 2007 + A2: 2010
IEC61000-3-2: 2014	IEC61000 -4-4: 2012
IEC61000-3-3: 2013	IEC61000 -4-5: 2014
	IEC61000 -4-6: 2014
	IEC61000 -4-8: 2009
	IEC61000 -4-11: 2004

Models: (followed by cataloged matrix numbers)
Series 300: 2500, 9300, 8300, 4300
Series P: P91, P41
Series L: L41, L91
B42: B42

Controls: 100, C and B41 Series

Future Design Controls declare that the following process 100, C, and B41 Series controllers are in compliance relating to Electromagnetic Compatibility (2014/30/EU) and low-voltage Directive (2014/35/EU). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2013
 EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
CISPR 11:	2009 + A1 2010, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2014	IEC61000 -4-3:	2006 + A1: 2007 + A2: 2010
IEC61000-3-3:	2013	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2014
		IEC61000 -4-6:	2014
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
 Series 100: 4100, 8100, 9100, B41
 Series C: C21, C91
 Series P: P91, P41
 Series 41: 4100

VR Series Paperless Recorder

Future Design Controls declare that the models VR06 & VR18 paperless recorders are in compliance relating to Electromagnetic Compatibility (2014/30/EU) and low-voltage Directive (2014/35/EU). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2013
 EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
CISPR 11:	2009 + A1 2010, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2014	IEC61000 -4-3:	2006 + A1: 2007 + A2: 2010
IEC61000-3-3:	2013	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2014
		IEC61000 -4-6:	2014
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
 VR06
 VR18

PR Series Paperless Recorder

Future Design Controls declare that the models PR10 & PR20 paperless recorders are in compliance relating to Electromagnetic Compatibility (2014/30/EU) and low-voltage Directive (2014/35/EU). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2013
 EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
CISPR 11:	2009 + A1 2010, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2014	IEC61000 -4-3:	2006 + A1: 2007 + A2: 2010
IEC61000-3-3:	2013	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2014
		IEC61000 -4-6:	2014
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
 PR10
 PR20

CR06 Strip Chart Recorder

Future Design Controls declare that the CR06 (followed by cataloged matrix numbers) recorders are in compliance with the following standards:

EN61010-1:2010 (3rd)

FDC-IO Modules and PC-E Gateway Converter

Future Design Controls declares that the FDC-IO Modules and PC-E Gateway Converter are in compliance with the following standards:
IEC 950

EN55011:1998 Group 1 Class A
EN61000-4-2-A1 Level 2
EN61000-4-3-A1 Level 2
EN61000-4-4 Level 3

DR5000 Circular Chart Recorder

Future Design Controls declare that the following DR5000 recorders are in compliance relating to Electromagnetic Compatibility (2004/108/EEC) and low-voltage Directive (2006/95/EEC). For evaluation regarding these directives the following standards were applied:

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
EN55011:	2010		
EN61000-3-2:	2009		
EN61000-3-3:	2013		
EN61000-4-2:	2009		
EN61000-4-3:	2006 + A1 2008 +A2 2010	IEC61000 -4-3:	2006 +A1: 2007 +A2 2010
EN61000-4-4:	2012		
EN61000-4-5:	2006		
EN61000-4-6:	2014		
EN6100-4-11	2010 Industrial	IEC61000-4-11	2010

Models: (x = any character shown in the part number matrix; the last two x's refer to non-cataloged special.)

DR5000-11xx-xxx-xx

DR5000-12xx-xxx-xx

Note: the last two digits are used for special features and on standard units are not shown.

FDC-200 & 600 Series Color Touch Screen

Future Design Controls declares that the following FDC-200 & FDC-600 Series Color Touch Screen Computers are in compliance relating to Electromagnetic Compatibility. For evaluation regarding these directives the following standards were applied:

- Models 2107i and 2110i (followed by cataloged matrix numbers) :
- EN55022: 2006, Class A
 - EN61000-3-2: 2006
 - EN61000-3-3: 1995+A1: 2005
 - EN55024: 1998+A1: 2001+A2: 2003
 - IEC 61000-4-2 Edition 1.2: 2001-04
 - IEC 61000-4-3 Edition 3.0: 2006
 - IEC 61000-4-4: 2004
 - IEC 61000-4-5 Edition 2.0: 2005
 - IEC 61000-4-6 Edition 2.2: 2006
 - IEC 61000-4-8: Edition 1.1: 2001-03
 - IEC 61000-4-11 Second Edition: 2004-03

- Model FDC-2010 (followed by cataloged matrix numbers)
- EN55022: 1998+A1: 2000+A2: 2003
 - EN61000-3-2: 2000
 - EN61000-3-3: 1995+A1: 2005
 - EN550224: 1998+A1: 2001+A2: 2003
 - IEC 61000-4-2 Edition 1.2: 2001-04
 - IEC 61000-4-3 2002+A1: 2002
 - IEC 61000-4-4: 2004
 - IEC 61000-4-5 Edition 1.1: 2001-04
 - IEC 61000-4-6 Edition 2.1: 2004-11
 - IEC 61000-4-8: Edition 1.1: 2001-03
 - IEC 61000-4-11 Second Edition: 2004-03

FDC-450, FDC-730, FDC-750, FDC-1050, FDC-1060 and FDC-1550 Touch Panel Computers

Future Design Controls declares that the Models FDC-450, FDC-750, FDC-1050, FDC-1060 and FDC-1550 Touch Panel Computers are in compliance relating to Electromagnetic Compatibility (2014/30/EU) and low-voltage Directive (2014/35/EU). For evaluation regarding these directives the following standards were applied:

- EN61000-6-4: 2007 + A1:2011
- EN61000-6-2: 2005 + AC:2005
- EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

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|---------------|-----------------------------|----------------|----------------------------|
| Emission: | | Immunity: | |
| CISPR II: | 2009 + A1:
2010, Class A | IEC61000-4-2: | 2009 |
| EN55022: | 2010 + AC:2011, Class A | IEC61000-4-3: | 2006 + A1: 2008 + A2: 2010 |
| IEC61000-3-2: | 2014 | IEC61000-4-4: | 2012 |
| IEC61000-3-3: | 2013 | IEC61000-4-5: | 2014 |
| | | IEC61000-4-6: | 2014 + AC: 2015 |
| | | IEC61000-4-8: | 2010 |
| | | IEC61000-4-11: | 2004 |

Models: (x = any character shown in the part number matrix)

- FDC-450-xxx-xxx-xx
- FDC-730-xxx-xxx-xx
- FDC-750-xxx-xxx-xx
- FDC-1050-xxx-xxx-xx
- FDC-1060-xxx-xxx-xx
- FDC-1550-xxx-xxx-xx

Date: February 21, 2018



Signature: _____

President
Future Design Controls, Inc.